



# LED Collection 8





## The Company

Zodiac Lighting Limited was incorporated in Hong Kong on 1st October 1988. With combined over a century of experience in lighting industry, the founders came together and led the company to its success at present days.

### The Mission

Zodiac is to provide unparalleled services to our business partners and customers by offering expert lighting consultancy and quality lighting products. We will be the company of choice by providing products and services beyond expectations and building the highest level of trust with our customers.

### Milux

Reliable, functional design, technical performance, versatility, durable, maintenance convenience; they are the product development obsessions of MILUX. With more than 30 years in producing lighting products, our production team has assimilated their experience and innovation technology to

lead the the market in aesthetics as well as performance at internationally recognised standards.

In order to guarantee the highest quality level from raw material to final stage inspection, our quality control system plays an important role in our production process. In addition to the propriety product from our collection, the production team also has the capability to customise and develop client's original design to a certified product. MILUX is an obvious solution to cater for your wide range of applications with a competitive price range in the market.

### LED Development

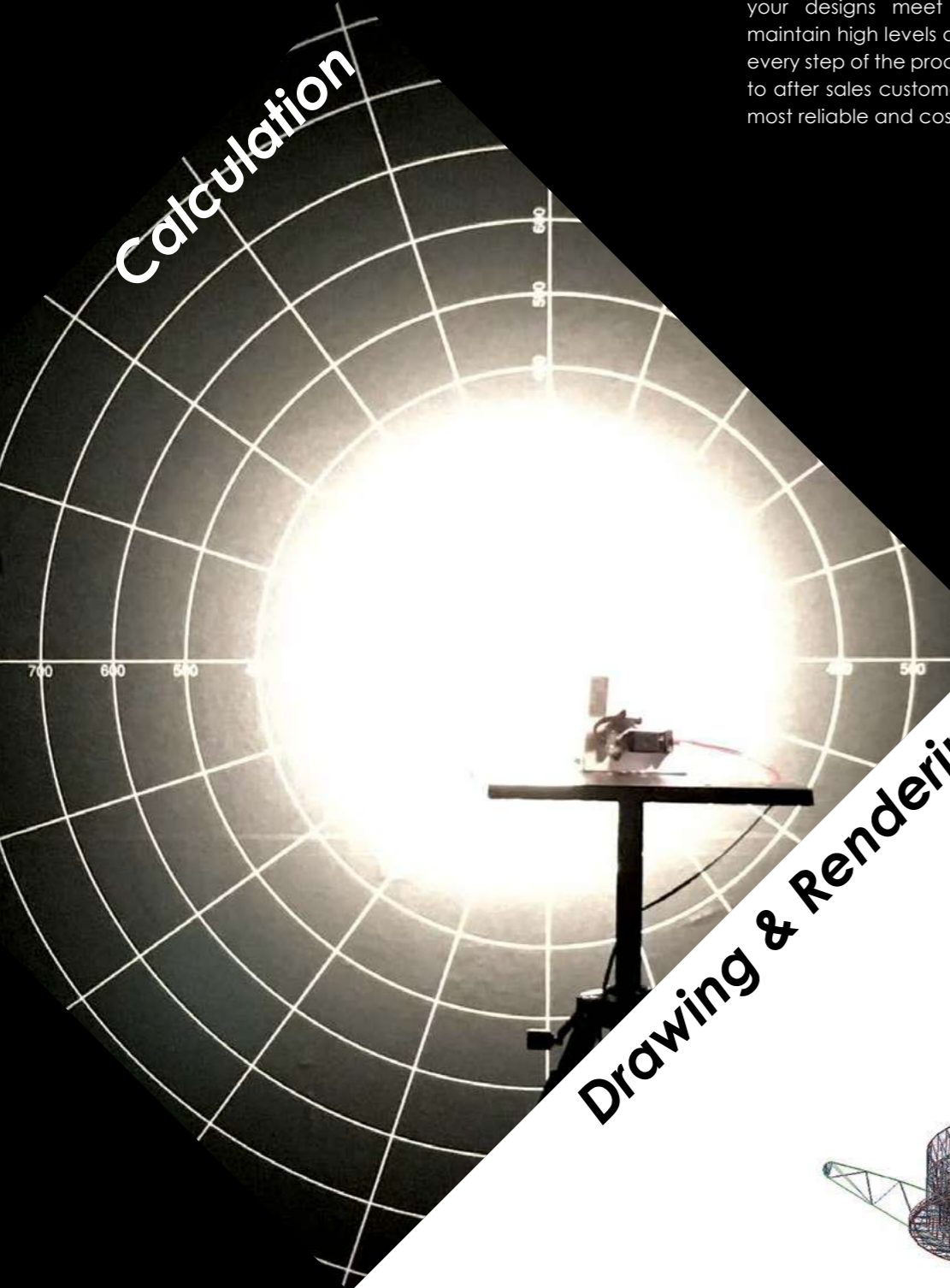
Zodiac has been focusing in this area in recent years to developed a series of LED fitting to cope with the rapidly evolving LED applications. We believe that LED technology is the future of the lighting industry and high quality lighting assignments on LED products, from effect and signal application to general usage of light, will be essential.



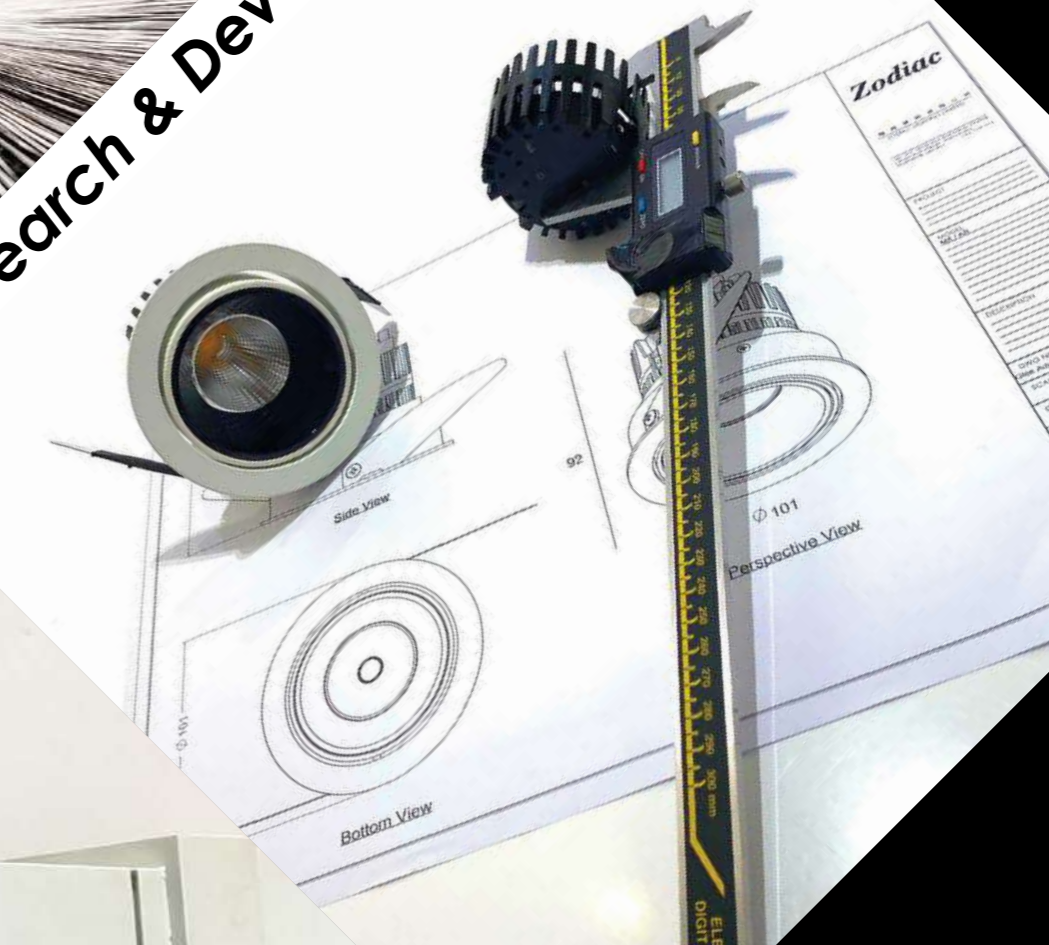
## OEM & ODM Services

Milux employs a dedicated OEM and ODM team of experienced engineers and designers to create luminaires to your specification. Our expertise ensures your designs meet with industry standards and maintain high levels of quality and finish. We oversee every step of the process from design, manufacturing to after sales customer service and offers the safest, most reliable and cost effective LED solution.

Calculation



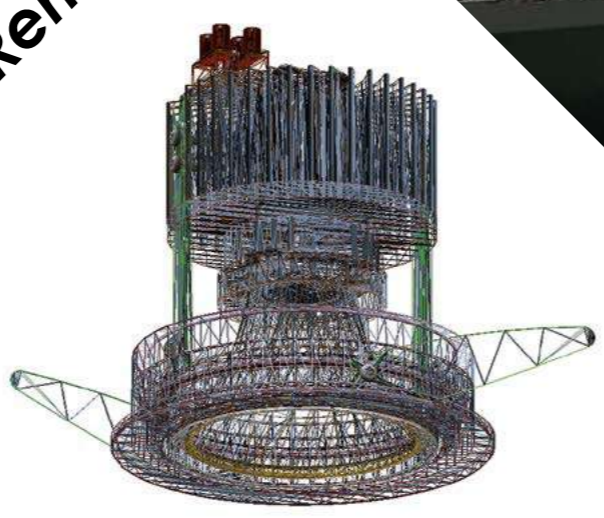
Research & Development



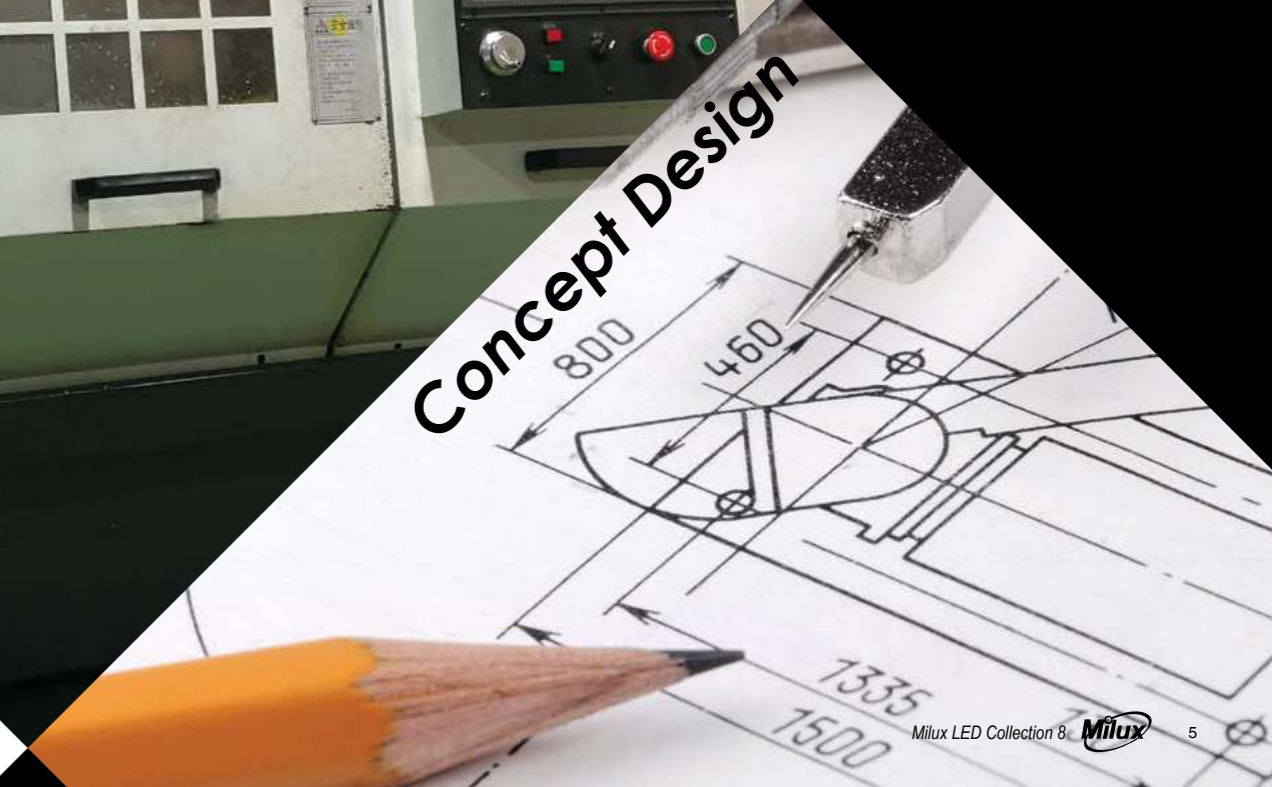
Production



Drawing & Rendering



Concept Design



# LED Lifetime

One of the benefits of the LED is its long lifetime.

New international standards on how lifetime should be declared on LED luminaires are IEC 62717 (LED-modules for general lighting – Performance requirements) and IEC 62722-2-1 (Particular requirements for LED luminaires).

## L-value

L70 is a lifetime measurement criterion to evaluate the useful lifetime of an LED luminaire in terms of the expected number of operating hours (minimum 6,000 h) until the light output has diminished to 70% of initial levels, or when the lumen output is 70% of its initial output.

As LEDs do not fail and “burn out” like other light sources; instead, they gradually decrease over time until they are no longer producing useful light. It is generally established that the human eye is only sensitive to lumen depreciation of 30% or more.

## B-value

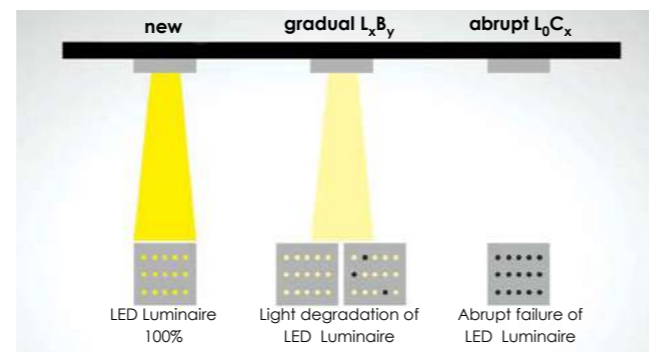
B-Value describes the failure fraction. It expresses the variation/ uncertainty of the expected lumen level. The B-value is normally B50 and indicates that the declared L-value will be achieved by 50 % of the luminaires. It can be seen as an average value. If the B-value is B10 it means that 90 % of the luminaires will meet the declared L-value. A B10 value is therefore better than B50 but it may not be available for all products.

## C-value

The C-value describes the expected percentage of catastrophic fails during the life time for the LED-module. A catastrophic failure is when the LED-module does not produce any light. Failure of a single or several LEDs in a cluster is not included. These kinds of failures are included in the B-value. The C-value can e.g. be C10 or lower. C10 which means that after the given time, 10 % of the LED-modules may have failed.

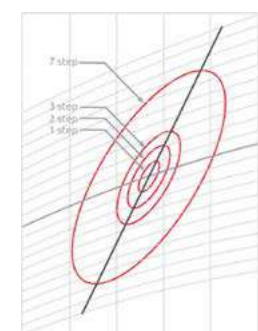
## F-value

The F value is a sum of both gradual (B-value) and total failures (C-value) (F = B + C).



**For example: B50 (for L70) and F10**  
lumen maintenance lifetime when lumen output of 50% of the LED lighting drops below 70% of the initial lumen output, and failure time when 10% of the LED lighting had conventional lights out failure.

# Colour Consistency



## Standard Deviation Colour Matching (SDCM)

SDCM has the same meaning as a “MacAdam ellipse”.

The MacAdam ellipse is a system of colour measurement. It measures how much colour variation is possible around these axes, before the human eye detects a colour change. A series of ellipses can then be drawn around any target colour, and the closer to the target lamp, the less colour deviation will be experienced when these lamps are placed side by side in an installation.

The distance from the target point in each ellipse is measured in SDCM. An SDCM of 1 step means that there is no colour difference between LED chips, 2-3 SDCM means that there is hardly visible colour difference while 4 or more SDCM is readily noticeable. The lower the number of SDCM, the smaller the colour shift.

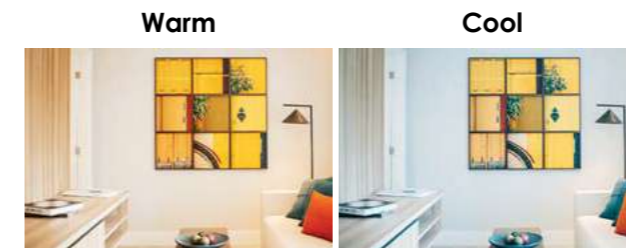
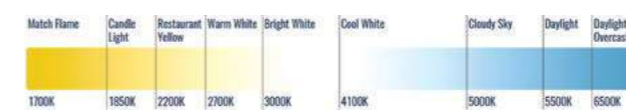
The requirements for most indoor environments are usually around MacAdam 2-3 SDCM. For most exterior applications, a rating of MacAdam 5 SDCM is perfectly acceptable.

# Colour Appearance

## Correlated Colour Temperature (CCT)

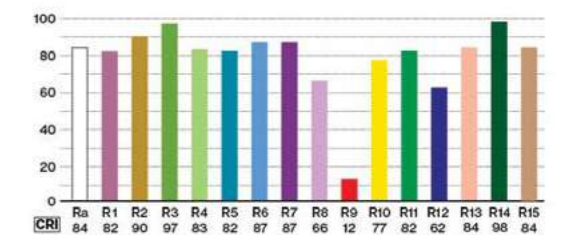
Correlated Colour Temperature (CCT) is the relative colour appearance of a white light source. It's measured in the Kelvin (K) unit and is the most commonly found between 2200K degrees and 6500K degrees.

By adjusting the CCT of light source can completely change the look and mood of a space. Cooler colour temperatures (>4000K) offer a bluer white light, helping to create brighter, more energetic spaces; Warmer colour temperatures (2200K – 3000K) impart a yellowish white, creating a warmer and relax ambience.



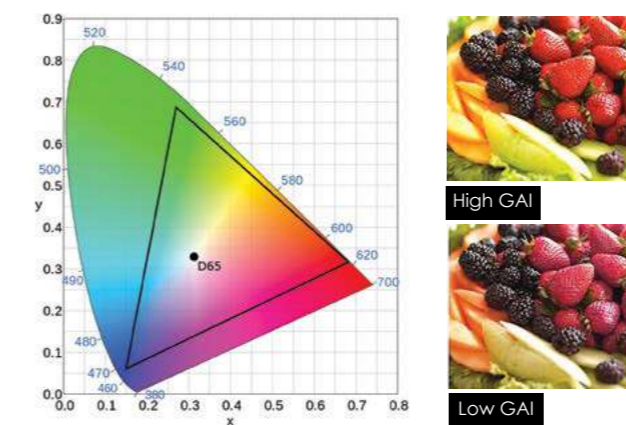
## Colour Rendering Index (CRI)

Colour rendering index (Ra) refers to the average colour rendition of particular light source (R1 – R8), with 100 being the highest. However, for particular colour spectrum, it may perform relatively low, especially in R9 for red colour and R15 for human skin representation. Therefore, in a true high CRI light source, the average performance of every colour spectrum is important to present the lighting object, especially R9 and R15, are the most commonly use to indicate colour quality in general lighting applications.



## Colour Gamut Index (GAI)

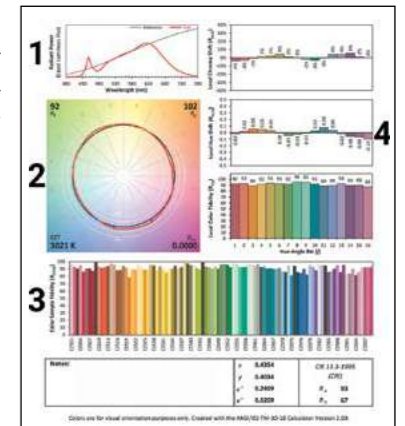
Colour Gamut Index (Rg) refer to the average level of saturation relative to familiar illuminants. Normally, the GAI index in between 60-140, An Rg score that is around 100 that means the light source can produce colours with a similar level of saturation as the sun at daylight. The higher scores represent higher levels of saturation. When the score is above 100, the colour will be more intense than it's natural colour in the sunlight.



## TM-30

TM-30-15 is a new standard that tackles LED module having a good score at Ra while having a poor colour spectrum overall. TM-30-15 comes with the Colour Fidelity Index with the same quality scale up to 100 but with greatly increased benchmark precision due to the increase from 8 test colours to 99.

The TM-30 method generates two major numeric indices – Rf for colour fidelity (0-100 scale) and Rg for gamut (0 to greater than 100).





# Milux x Xicato

Milux lighting collection actively employs Xicato LED modules in the design for its advance specification.

The luminaries design optimises the Xicato LED modules performances by providing an efficient heat management system and superior glare control through the development of our in-house research team.

## Why Xicato LED Module ?

Xicato is a leading provider of LED modules for retail, hospitality and special lighting environment and prides itself in delivering precision colour and high luminous efficacy. The advance performance of Xicato LED modules enables the space to present a realistic lighting render whilst offering a consistent energy consumption over time.

**The Advantages of Xicato LED Module:**

- **Colour Consistency**, commits every module lies within a 1 x 2 MacAdam ellipse
- **Within 1x2 MacAdam ellipses initially and 3 MacAdam ellipses after 50,000 hours**
- **Lumen Warranty, better than 70% (L70, B0, F0) of 50,000 hours at maximum operating drive current**



**XOB**  
XOB provides the best colour rendering, unmatched colour uniformity and the greatest reliability of any LED array on the market. It is the easiest to design in, presents market-leading performance and narrow beam angles.

- The best colour matching—within 1 x 2 MacAdam ellipses
- CCT range from 2700K to 4000K
- Light output from 345lm — 8300lm
- LES packages range from 4mm to 32.8mm

**XCA**  
Available in multiple LES, CRI, CCT, and lumen output options, XCA provides a flexible option for luminaire designers and delivers all the colour, consistency and reliability benefits of Xicato's lighting portfolio.

- Standard Series, Artist Series®, Beauty Series® and Vibrant Series®
- CCT range from 2700K to 4000K
- Light output from 700lm to 5000lm
- LES packages range from 9mm to 19mm



**XIM**  
Fully integrated, intelligent light module. XIM integrates the light source with the driver, Bluetooth beacons, and a wireless control system in a single unit.

- DALI, 1-10V and new Bluetooth wireless options
- Integrated 48Vdc driver electronics
- Artist Series®, Beauty Series® and Vibrant Series®
- CCT range from 2700K to 4000K
- Light output from 700lm to 3000lm
- 9mm and 19mm LES options

**XFL**  
XFL offers a multitude of profiles and densities; meeting the most stringent requirements of architects, lighting designers and specifiers.

- Unmatched performance for CRI, R9, Fidelity and Gamut
- Most commonly used 24V input for CV and PWM
- Superior construction for higher reliability and heat management, including 3 oz. Cu
- Xicato Flexible Linear available in ≤2 SDCM



# Recessed Downlight General Lighting

/ Index



14

TODO



15

Planar Mini



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Planar Midi



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Exxi



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Hydro LED Mini



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Hydro LED Midi



19

Hydro LED Maxi



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Hydro LED Sq



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TINY Sq



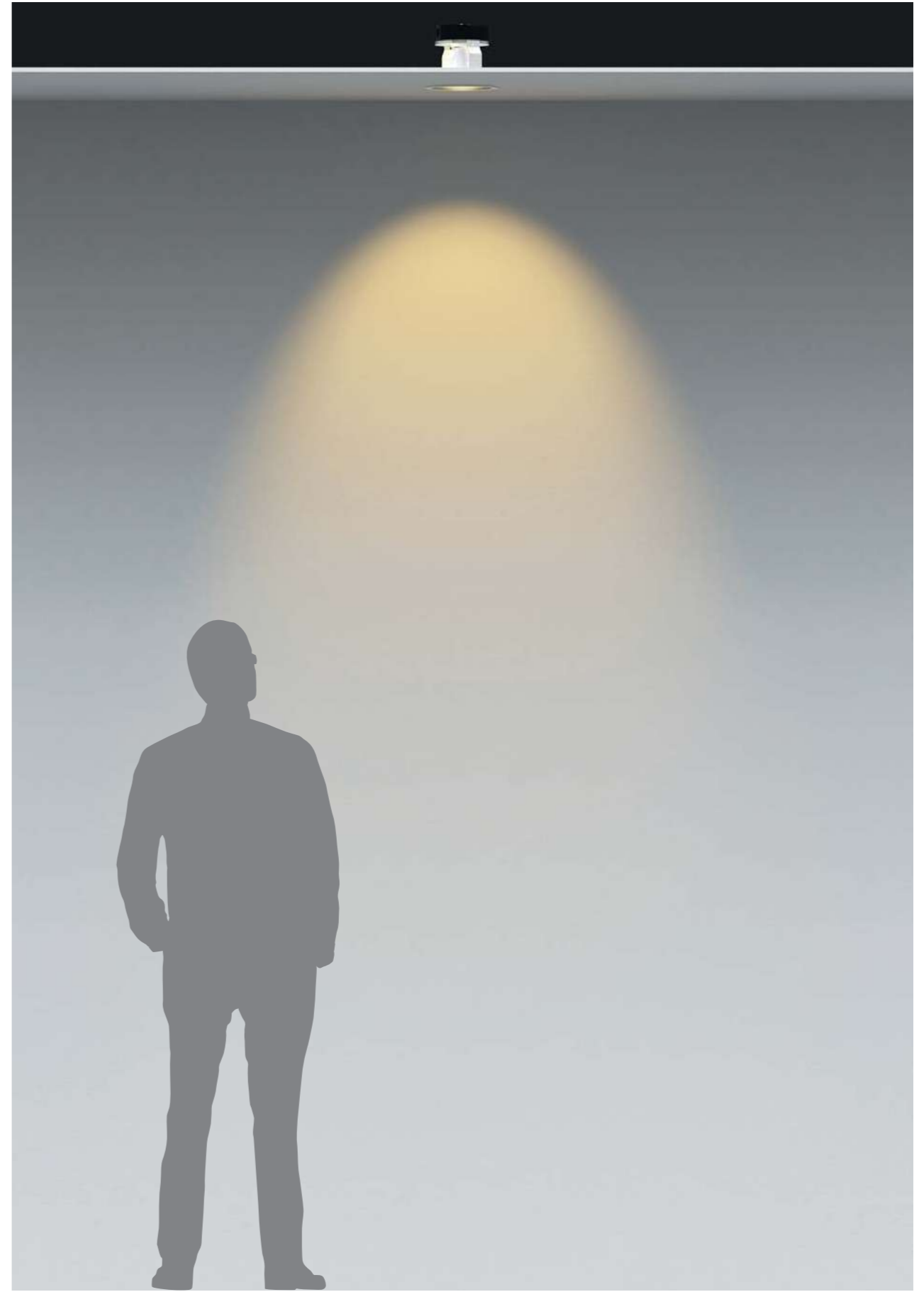
# Insider Focal

**Exxi** 

## LED Module Replaceable System

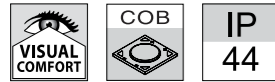
Exxi is designed to provide a perfect glare control whilst providing a wide range of beam angle options, it adds an extra layer of ambient lighting to any retail or hospitality spaces.

The improved version of Exxi recessed downlight is now equipped with Xicato LED chips, supporting the luminaire's performance with its industry leading colour consistency and advance lighting specification.



# TODO

- Recessed downlight for COB LED
- Die cast aluminium trim
- Beam angle available in 12°, 22°, 35°
- Separate order of remote LED driver is available upon request



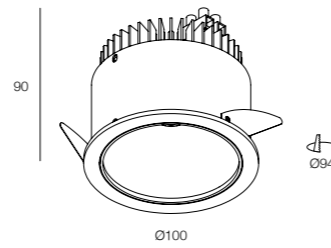
new

### Downlight Version

**MX 7380 - G5 - [ ] - [ ] - 80**

Code	CCT	Code	Beam Angle
827	2700K	12	12°
830	3000K	22	22°
840	4000K	35	35°

20.3W 700mA 2189lm COB LED



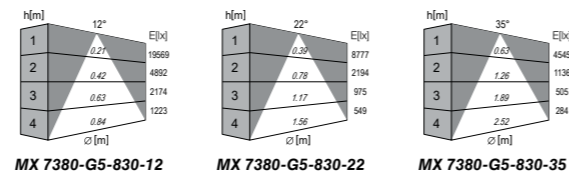
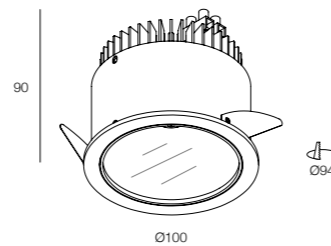
new

### Downlight Version with Cover Glass, IP44

**MX 7380C - G5 - [ ] - [ ] - 80**

Code	CCT	Code	Beam Angle
827	2700K	12	12°
830	3000K	22	22°
840	4000K	35	35°

20.3W 700mA 2189lm COB LED

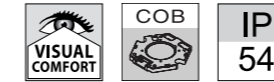


### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension (mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-SETmA-M30-PF-TCI(19)	2-27W	TODO 19.9W	700mA	220 x 66 x 38	Ø76
EC LED-SETmA-M25D-DJ-TCI(13)	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

# Planar

- Recessed downlight for COB LED
- Die cast aluminium trim
- 99.9% high purity aluminium reflector
- High performance polycarbonate diffuser
- Separate order of remote LED driver is available upon request



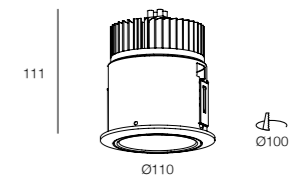
new

### Planar Mini

**MX 5397 - G5 - [ ] - [ ]**

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	85	Gold
840	4000K		

13.6W 500mA 1917lm COB LED



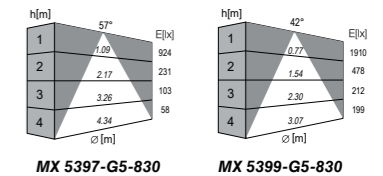
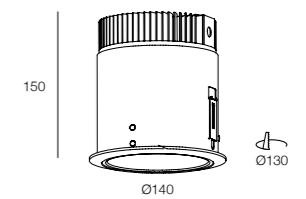
new

### Planar Midi

**MX 5399 - G5 - [ ] - [ ]**

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	85	Gold
840	4000K		

19.9W 700mA 2564lm COB LED



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension (mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-500mA-20-AC(19)	2-18W	Planar 13.6W	500mA	220 x 66 x 38	Ø76
EC LED-SETmA-M20D-MiAM-TCI(19)			500mA, 1-10V Dimmable		
EC LED-SETmA-M30-PF-TCI(19)	2-27W	Planar 19.9W	700mA	180 x 75 x 42	Ø83
EC LED-SETmA-M25D-DJ-TCI(13)	2-22W		700mA, 1-10V Dimmable		



## Exxi

- Recessed downlight for LED Module
- Die cast aluminium trim
- Polycarbonate reflector in silver vacuum plating
- SDCM Step 1x2, high colour temperature stability
- Vibrant series available on request
- Separate order of remote LED driver is available upon request
- Xicato Vibrant V8/ V9 available upon request



## Concise Guide

**Light uniformity** means the whole floor is illuminated evenly. Uniform lighting helps to promote eye comfort and reduce fatigue. It also boosts the user productivity and overall experience.

### Standard Series, CRI 80+

#### MX 7376 - 13T8 - G5 - 52 - 84

Xicato XTM 9.5W 1300lm, 700mA, CRI80+ LED Module

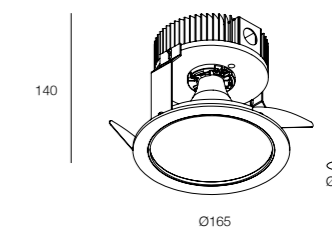
#### MX 7376 - 20T8 - G5 - 52 - 84

Xicato XTM 15.2W 2000lm, 700mA, CRI80+ LED Module

#### MX 7376 - 30T8 - G5 - 52 - 84

Xicato XTM 25.7W 3000lm, 1050mA, CRI80+ LED Module

Code	CCT
27	2700K
30	3000K
35	3500K
40	4000K



### Artist Series, CRI 95+

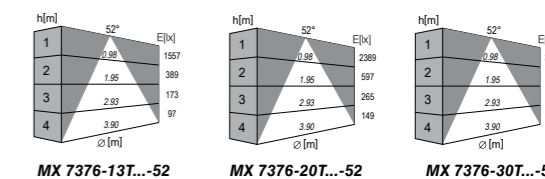
#### MX 7376 - 13T9 - G5 - 52 - 84

Xicato XTM 13.3W 1300lm, 700mA, CRI95+ LED Module

#### MX 7376 - 20T9 - G5 - 52 - 84

Xicato XTM 20W 2000lm, 1050mA, CRI95+ LED Module

Code	CCT
27	2700K
30	3000K
35	3500K
40	4000K

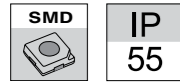


### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18W	Exxi 13T8 (9.5W), Exxi 20T8 (15.2W), 13T9 (13.3W)	700mA	220 x 66 x 38	Ø76
<b>EC LED-1050mA-40-AC(21)</b>	5-37W	Exxi 30T8 (25.6W), 20T9 (20W)	1050mA	250 x 67 x 46	Ø79
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	2-18W	Exxi 13T8 (12W), 13T9 (13.3W)	700mA, 1-10V Dimmable	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M25D-DJ-TCI(13)</b>	2-22W	Exxi 20T8 (15.2W)	700mA, 1-10V Dimmable	180 x 75 x 42	Ø83
<b>EC LED-SETmA-M40D-MW(14)</b>	4-36W	Exxi 30T8 (25.7W), 20T9 (20W)	1050mA, 1-10V Dimmable	220 x 90 x 42	Ø100

## Hydro LED Mini

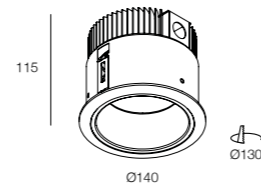
- Recessed downlight for LED Module
- White die cast aluminium trim
- 99.9% high purity aluminium reflector
- High performance polycarbonate diffuser
- Separate order of remote LED driver is available upon request
- High output version on request



**MX 7350 - G4 -** [ ] [ ] [ ] [ ] - [ ] [ ]

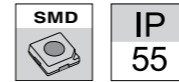
Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	86	Sandblasted Silver
840	4000K		

- 7.3W 500mA 1280lm SMD LED
- 10.6W 700mA 1730lm SMD LED



## Hydro LED Midi / Maxi

- Recessed downlight for LED Module
- White die cast aluminium trim
- 99.9% high purity aluminium reflector
- High performance polycarbonate diffuser
- Separate order of remote LED driver is available upon request
- High output version on request

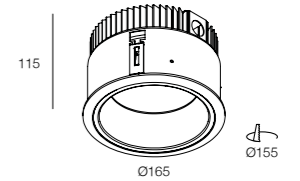


Hydro LED Midi

**MX 7352 - G4 -** [ ] [ ] [ ] [ ] - [ ] [ ]

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	86	Sandblasted Silver
840	4000K		

- 12.8W 700mA 2128lm SMD LED

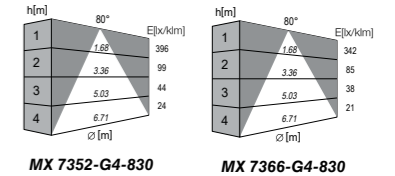
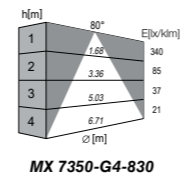
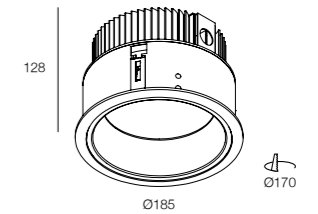


Hydro LED Maxi

**MX 7366 - G4 -** [ ] [ ] [ ] [ ] - [ ] [ ]

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	86	Sandblasted Silver
840	4000K		

- 21.7W 700mA 3631lm SMD LED



LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-500mA-12-AC(19)</b>	1-10W	HydroLED Mini 7.3W	500mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	2-18W		500mA, 1-10V Dimmable		
<b>EC LED-700mA-20-AC(19)</b>	2-18W	HydroLED Mini 10.6W	700mA		
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		

LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18W	Hydro LED 12.8W	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		
<b>EC LED-SETmA-M30-PF-TCI(19)</b>	2-27W	Hydro LED 21.7W	700mA		
<b>EC LED-SETmA-M25D-DJ-TCI(13)</b>	2-22W		700mA, 1-10V Dimmable		

# Hydro LED Sq

- Recessed downlight for LED Module
- Die cast aluminium trim
- 99.9% high purity aluminium reflector
- Separate order of remote LED driver is available upon request
- High output version on request

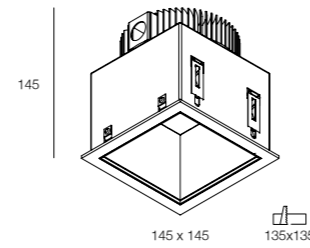


### Downlight Version, Visual Comfort

**MX 7395 - G4 -** [ ] - [ ]

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	86	Matt Silver
840	4000K		

11.8W 700mA 2130lm SMD LED

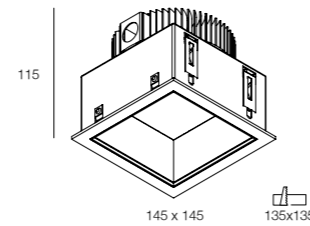


### Downlight Version

**MX 7396 - G4 -** [ ] - [ ]

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827	2700K	84	Silver
830	3000K	86	Matt Silver
840	4000K		

11.8W 700mA 2130lm SMD LED

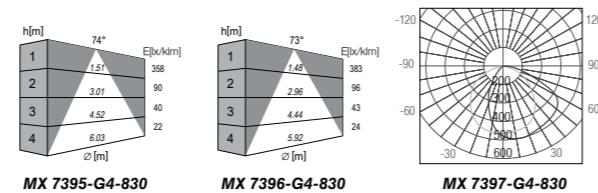
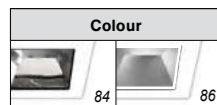
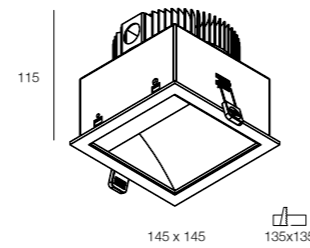


### Wallwasher Version

**MX 7397 - G4 -** [ ] - [ ]

Code	CCT	Code	Reflector Colour
827	2700K	84	Silver
830	3000K	86	Matt Silver
840	4000K		

11.8W 700mA 2130lm SMD LED



# TINY Sq

- Recessed downlight for COB LED
- Die cast aluminium trim
- 99.9% high purity aluminium reflector
- High performance polycarbonate diffuser
- Separate order of remote LED driver is available upon request
- IP55 Version with clear tempered glass diffuser

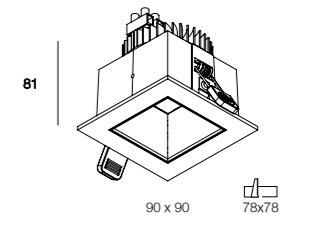


### Standard Version

**MX 7319 - G5 -** [ ] - [ ]

Code	CRI	Code	CCT	Code	Reflector Colour
8	80	27	2700K	84	White Trim & Silver Reflector
9	90	30	3000K	86	White Trim & Matt Silver Reflector
		35	3500K		
		40	4000K		

12.9W 700mA, 1869lm CRI80 COB  
12.9W 700mA, 1586lm CRI90 COB

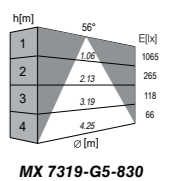
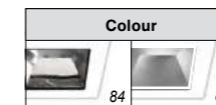
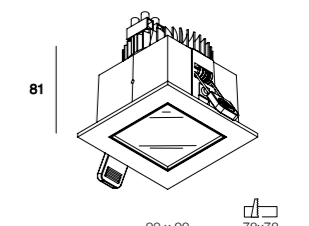


### IP55 Version

**MX 7319C - G5 -** [ ] - [ ]

Code	CRI	Code	CCT	Code	Reflector Colour
8	80	27	2700K	84	White Trim & Silver Reflector
9	90	30	3000K	86	White Trim & Matt Silver Reflector
		35	3500K		
		40	4000K		

12.9W 700mA, 1869lm CRI80 COB  
12.9W 700mA, 1586lm CRI90 COB



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18 W	Hydro LED Sq 11.8W	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18 W	TINY Sq 12.9W	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		

# FreePlus Module

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Multi Super Mini



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Multi Super Mini



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Multi Super Mini Trimless



# Insider Focal

## FreePlus

### LED Module Replaceable System

FreePlus LED module is compatible with 13 series in the Milux Collection. The FreePlus modules also offer a wide range of options on CCT, CRI, LED Technology, Beam Angle and Efficacy.

The FreePlus LED module is a complete solution to any project type that needs to satisfy a wide range of parameters, whilst providing flexibility to replace the LED module for maintenance.

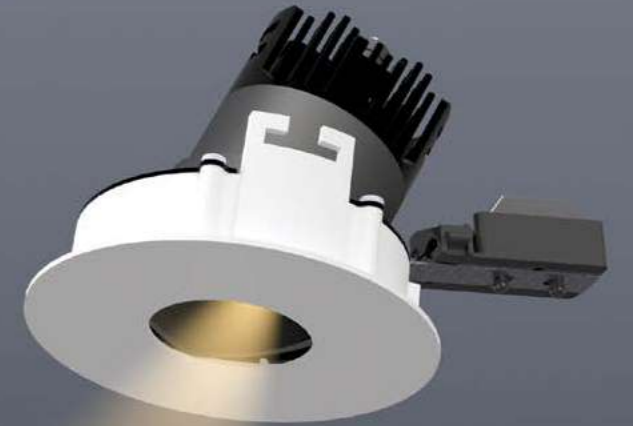


## Pin Hole

### Glare Controlled Downlight

Designed with excellent glare control in mind, Pin Hole is equipped with a deep-set reflector and offers a wide range of outputs, colour rendering options, trim shapes, finishing and accessories.

The Pin Hole range allows a maximum of 30° tilting angle movement. Combined with the glare-free surface with precise optics, the design merges seamlessly into the interior thus creating an elegant lighting environment. Suitable for restaurants, museums, galleries and fashion retailers which demands for excellent glare control.



## Mini Trim

### Ultra-Slim Design

The Mini Trim range is available in both round and square recess option, offering energy-efficient, precision lighting for accent or task applications.

The luminaire emphasises an ultra-thin and a sleek design, delivering a compact aesthetic to any interiors.



# FreePlus XOB Module

- Premium LED module Powered by Xicato**
- High Colour Consistency, 1x2 MacAdam Ellipses
  - 3 Types of Light: CRI90, CRI95, Vibrant Series
  - 4 CCT Options: 2700K, 3000K, 3500K, 4000K
  - Projected Life Time 50K Hours L70, B0, F0



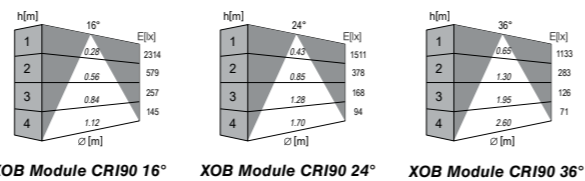
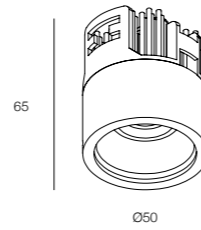
new

## XOB Module CRI90

..... - **09OB90** - G6 - ...

Code	CCT	Code	Beam Angle
27	2700K	16	16°
30	3000K	24	24°
35	3500K	36	36°
40	4000K		

250mA 8.4W 1151lm, CRI90



# FreePlus Narrow Spot XOB Module

- Perfect Field Angle LED module Powered by Xicato**
- High Colour Consistency, 1x2 MacAdam Ellipses
  - 3 Types of Light: CRI 90, CRI 95, Vibrant Series
  - Narrow Spot with 12° beam angle
  - Field/ Beam Ratio 2.0
  - 4 CCT Options: 2700K, 3000K, 3500K, 4000K
  - Projected Life Time 50K Hours L70, B0, F0



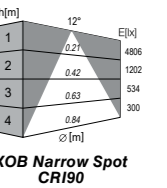
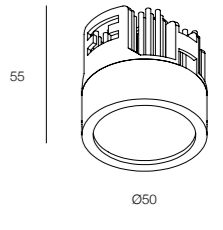
new

## Narrow Spot XOB Module CRI90

..... - **06OB90** - G6 - 12 - ...

Code	CCT
27	2700K
30	3000K
35	3500K
40	4000K

250mA 7.9W 873lm, CRI90



new

## XOB Module CRI95

..... - **09OB95** - G6 - ...

Code	CCT	Code	Beam Angle
27	2700K	16	16°
30	3000K	24	24°
35	3500K	36	36°
40	4000K		

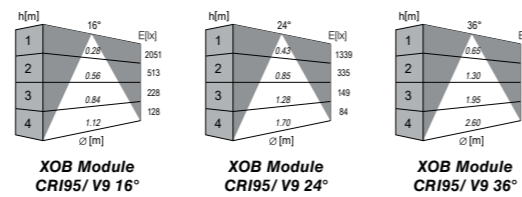
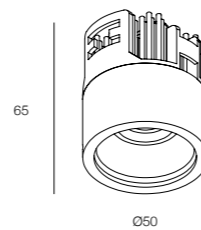
250mA 8.4W 1020lm, CRI95

## XOB Module Vibrant V9

..... - **09OBV9530** - G6 - ...

Code	Beam Angle
16	16°
24	24°
36	36°

250mA 8.4W 1020lm, CRI95



new

## Narrow Spot XOB Module CRI95

..... - **06OB95** - G6 - 12 - ...

Code	CCT
27	2700K
30	3000K
35	3500K
40	4000K

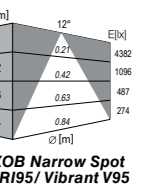
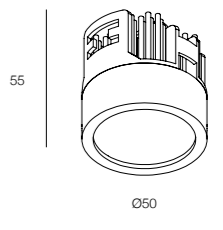
250mA 7.9W 798lm, CRI95

## XOB Module Vibrant V9

..... - **06OBV9530** - G6 - 12 - ...

Code	Beam Angle
16	16°
24	24°
36	36°

250mA 7.9W 798lm, CRI95 3000K



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-250mA-12-V2-ER(36)</b>	6.6-9.4W	XOB Module 8.4W	250mA	220 x 45 x 30	Ø54
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	5.5-11.9W		250mA, 1-10V Dimmable	220 x 66 x 38	Ø76

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-250mA-12-V2-ER(36)</b>	6.6-9.4W	Narrow Spot XOB Module 7.9W	250mA	220 x 45 x 30	Ø54
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	5.5-11.9W		250mA, 1-10V Dimmable	220 x 66 x 38	Ø76

# FreePlus COB Module

LED Module Powered by **bridgelux**

- Full Beam Angle Options: Narrow, Medium, Wide
- 4 CCT Options: 2700K, 3000K, 3500K, 4000K
- SDCM 3 MacAdam Ellipses
- Projected Life Time 50K hours L70

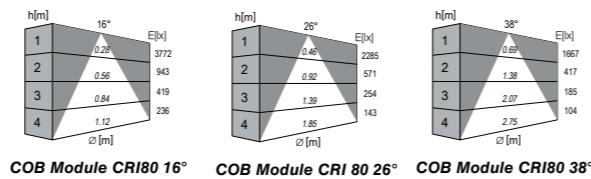
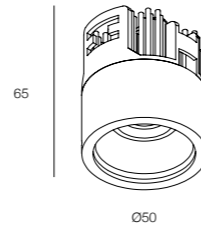


## COB Module CRI80

..... - **G5** - [ ] - [ ] - ...

Code	CCT	Code	Beam Angle
827	2700K	16	16°
830	3000K	26	26°
835	3500K	38	38°
840	4000K		

9.1W 350mA 1388lm, CRI80



# FreePlus Narrow Spot COB Module

LED Module Powered by **bridgelux**

- Narrow Spot with 11° beam angle
- Field/ Beam Ratio 1.8
- 4 CCT Options: 2700K, 3000K, 3500K, 4000K
- SDCM 3 MacAdam Ellipses
- Projected Life Time 50K hours L70

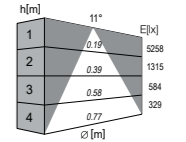
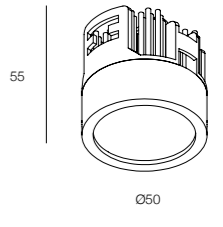


## Narrow Spot COB Module CRI80

..... - **V6G4** - [ ] - [ ] - 11 - ...

Code	CCT
827	2700K
830	3000K
835	3500K
840	4000K

6.8W 350mA 680lm, CRI80



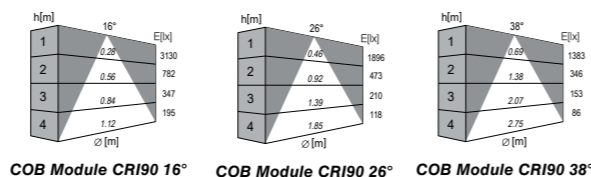
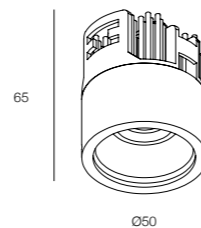
Narrow Spot COB Module CRI80

## CRI 90 COB Module CRI90

..... - **G5** - [ ] - [ ] - ...

Code	CCT	Code	Beam Angle
927	2700K	16	16°
930	3000K	26	26°
935	3500K	38	38°
940	4000K		

9.1W 350mA 1150lm, CRI90

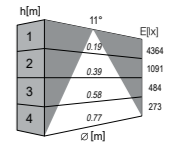
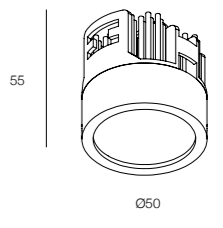


## CRI 90 Narrow Spot COB Module CRI90

..... - **V6G4** - [ ] - [ ] - 11 - ...

Code	CCT
927	2700K
930	3000K
935	3500K
940	4000K

6.8W 350mA 564lm, CRI90



Narrow Spot COB Module CRI90

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-350mA-12-V2-ER(36)</b>	7-11W	COB Module 9.1W	350mA	220 x 45 x 30	Ø54
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	1-13W		350mA, 1-10V Dimmable	220 x 66 x 38	Ø76

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-350mA-12-AC(19)</b>	1-10W	Narrow Spot COB Module 6.7W	350mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	1-13W		350mA, 1-10V Dimmable		

# FreePlus Tunable White Module

LED Module Powered by 

- Full Beam Angle Options: Narrow, Medium Beam
- CCT vary from 2700K to 6500K
- SCDM 3 MacAdam Ellipses
- Projected Life Time 50K hours L70



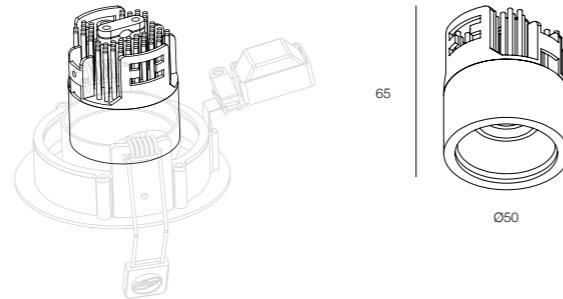
new

COB Module 2700K to 6500K

..... - G5 - TW9 - □ - ...

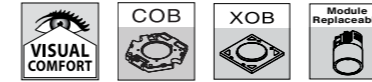
Code	Beam Angle
16	16°
26	26°
38	38°

9W 500mA 1000lm, CRI90



# Space

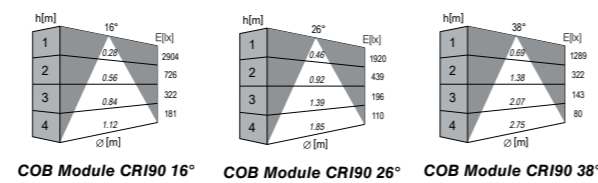
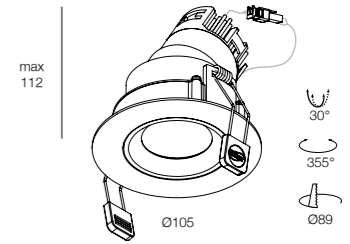
- Recessed downlight for FreePlus Module
- Best performance using FreePlus Module below 26° beam angle
- Metal body in 2 colours
- Separate order of remote LED driver available upon request



MX 7407 - ..... - □

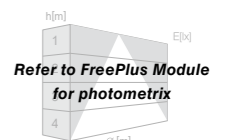
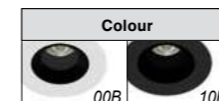
\*Please refer to P.26-30 for the FreePlus Module Matrix

Code	Colour
00B	White
10B	Black



LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-SETmA-M20DaTW-LT(21)	4-20W	COB Module 9.1W	500mA, DALI (DT8)	250 x 67 x 46	Ø79





# Concise Guide

**Colour stability** may be affected by the quality of LED or poor thermal management design.

**Chromaticity** refers to perception of colour of light and is specified by colour coordinates on CIE Chromaticity Diagram.

## Glee

- Recessed downlight for FreePlus Module
- Die cast aluminium trim
- Polycarbonate secondary optics with various colours options
- Downlight and wallwasher version available
- Separate order of remote LED driver available upon request



new

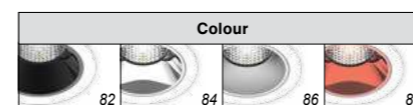
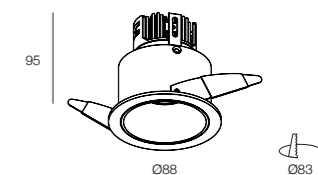


Downlight Version

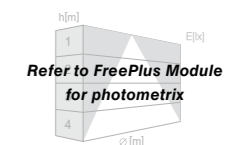
**MX 7480 - ..... -**

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

Code	Colour
82	White Trim & Black Reflector
84	White Trim & Silver Reflector
86	White Trim & Sandblasted Reflector
89	White Trim & Rose Gold Reflector



Accessories See Page 130



Refer to FreePlus Module for photometry

new

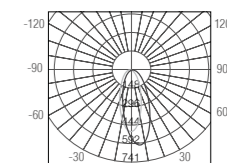
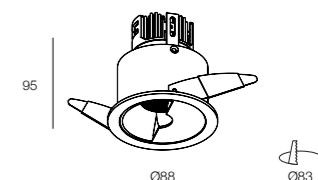


Wallwasher Version

**MX 7467 - ..... - 84**

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

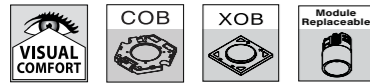
*\*Only for COB and XOB Module 24° Beam Angle*



MX 7467

## Domi/ Pomi

- Recessed downlight for FreePlus module
- Die cast aluminium trim
- Seperate order of remote LED driver available upon request

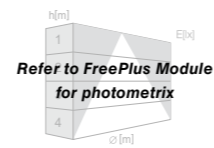
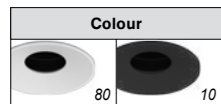
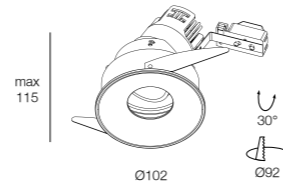


### Domi Version

**MX 7450** - ..... - □ □

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

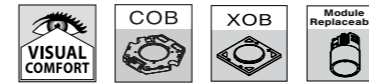
Code	Colour
80	White
10	Black



Refer to FreePlus Module for photometrix

## Somi

- Recessed downlight for FreePlus module
- Die cast aluminium trim
- Seperate order of remote LED driver available

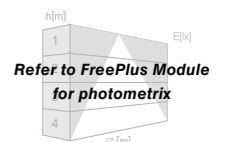
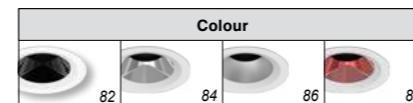
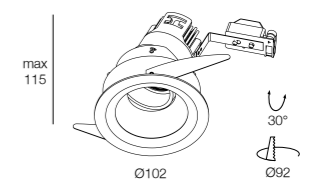


### Replaceable Reflector Version

**MX 7451** - ..... - □ □

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

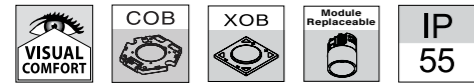
Code	Reflector Colour
82	White Trim Black Reflector
84	White Trim Silver Reflector
86	White Trim Sandblasted Silver Reflector
89	White Trim Rose Gold Reflector



Refer to FreePlus Module for photometrix

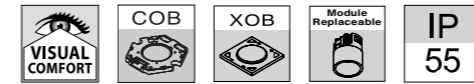
## Pin Hole

- Recessed downlight for FreePlus module
- Adjustable and fixed version available
- Die cast aluminium body available in 2 colours
- Seperate order of remote LED driver available upon request



## Pin Slot

- Recessed downlight for FreePlus module
- Adjustable version
- Die cast aluminium body available in 2 colours
- Seperate order of remote LED driver available upon request



**Adjustable Version**

**MX 7425** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Adjustable Version with Cover Glass, IP55**

**MX 7425C** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Adjustable Version**

**MX 7427** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Adjustable Version with Cover Glass, IP55**

**MX 7427C** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Fixed Version**

**MX 7426** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Fixed Version with Cover Glass, IP55**

**MX 7426C** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Fixed Version**

**MX 7426** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**Fixed Version with Cover Glass, IP55**

**MX 7426C** - ..... - [ ]

Code	Standard Mount	Code	Colour
- Blank-	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

**new** Accessory ( \*Match with Flush Mount Kit/ Installation Kit Version )

**Flush Mount Kit**

**MX 3921** - [ ]

Code	Colour
80	White
10	Black

**Installation Kit**

**MX 3924 - 10**

**Colour**

80	10
----	----

Accessories See Page 130

Refer to FreePlus Module for photometric

**new** Accessory ( \*Match with Flush Mount Kit/ Installation Kit Version )

**Flush Mount Kit**

**MX 3921** - [ ]

Code	Colour
80	White
10	Black

**Installation Kit**

**MX 3924 - 10**

**Colour**

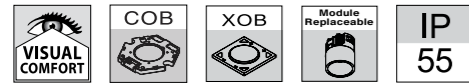
80	10
----	----

Accessories See Page 130

Refer to FreePlus Module for photometric

# Pin Hole Sq

- Recessed downlight for FreePlus module
- Die cast aluminium body available in 2 colours
- Seperate order of remote LED driver available upon request

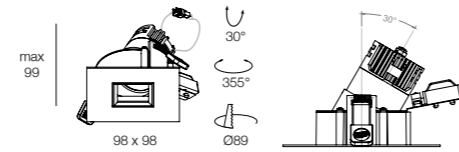


### Adjustable Version

**MX 7411** - ..... -

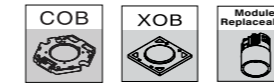
Code	Standard Mount	Flush Mount Kit/ Installation Kit	Code	Colour
- Blank			80	White
F			10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix



# Renia

- Recessed downlight for FreePlus module
- Die cast aluminium body available in 2 colours
- Adjustable and fixed version available
- Seperate order of remote LED driver available upon request

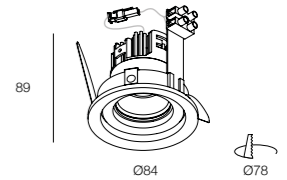


### Fixed Version

**MX 7490** - ..... -

Code	Colour
80	White
10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

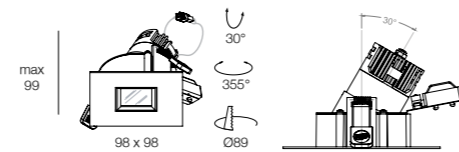


### Adjustable Version with Cover Glass, IP55

**MX 7411C** - ..... -

Code	Standard Mount	Flush Mount Kit/ Installation Kit	Code	Colour
- Blank			80	White
F			10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix

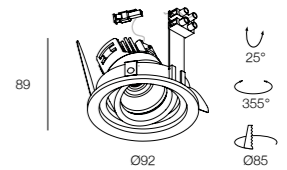


### Adjustable Version

**MX 7491** - ..... -

Code	Colour
80	White
10	Black

\*Please refer to P26-30 for the FreePlus Module Matrix



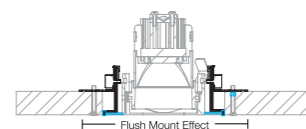
new

### Accessory (\*Match with Flush Mount Kit/ Installation Kit Version)

Flush Mount Kit

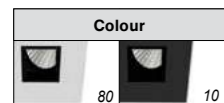
**MX 3923** -

Code	Colour
80	White
10	Black

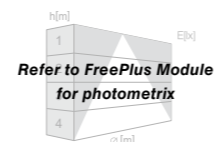
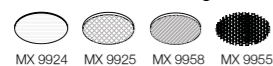


Installation Kit

**MX 3924 - 10**



Accessories See Page 130



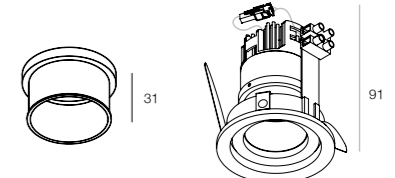
new

### Accessory

Anti-Glare tube (Black)

**MX 5949 - 10**

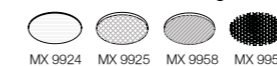
Overall height increase by 20 mm



Renia + MX 5949-10

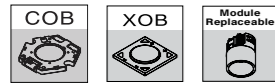


Accessories See Page 130



## Mini Trim

- Recessed downlight for FreePlus module
- Die cast aluminium body available in 2 colours
- Adjustable and wallwasher version available
- Seperate order of remote LED driver available upon request

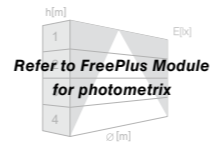
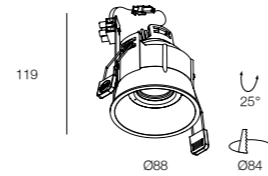


### Adjustable Version

**MX 7463** - ..... -

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

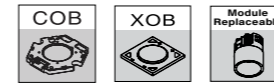
Code	Colour
80	White
10	Black



Refer to FreePlus Module for photometrix

## Mini Trim Sq

- Recessed downlight for FreePlus module
- Polycarbonate reflector
- Die cast aluminium body available in 2 colours
- Adjustable and fixed version available
- Seperate order of remote LED driver available upon request

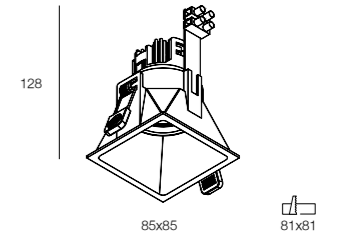


### Fixed Version

**MX 7460** - ..... -

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

Code	Colour
80	White
10	Black

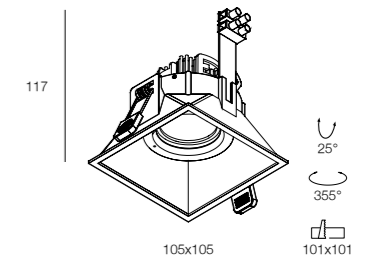


### Adjustable Version

**MX 7462** - ..... -

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

Code	Colour
80	White
10	Black

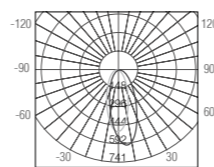
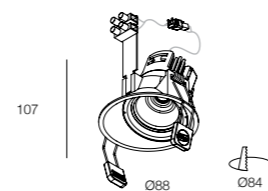


### Wallwasher Version

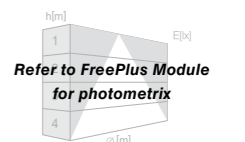
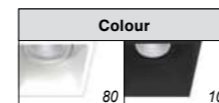
**MX 7478** - ..... -

*\*Please refer to P.26-30 for the FreePlus Module Matrix*

Code	Colour
80	White
10	Black



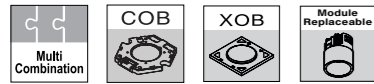
MX 7478



Refer to FreePlus Module for photometrix

## Multi Super Mini

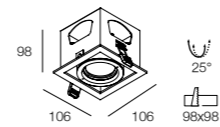
- Recessed downlight for FreePlus Module
- Metal body available in 2 colours
- Separate order of remote LED driver available upon request



**MX 7464S** - .....

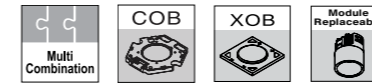
*\*Please refer to P26-30 for the FreePlus Module Matrix*

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body



## Multi Super Mini Trimless

- Recessed downlight for FreePlus Module
- Metal body available in 2 colours
- Separate order of remote LED driver available upon request

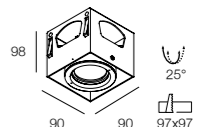


**MX 7465S** - .....

**Trimless Installation Kit**  
**MX TIK41LS** -

*\*Please refer to P26-30 for the FreePlus Module Matrix*

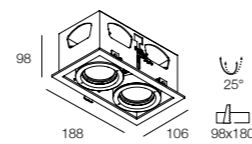
Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White



**MX 7464D** - .....

*\*Please refer to P26-30 for the FreePlus Module Matrix*

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body

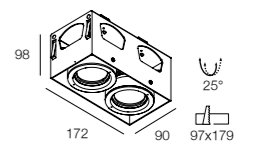


**MX 7465D** - .....

**Trimless Installation Kit**  
**MX TIK41LD** -

*\*Please refer to P26-30 for the FreePlus Module Matrix*

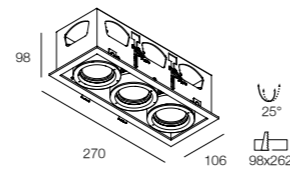
Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White



**MX 7464T** - .....

*\*Please refer to P26-30 for the FreePlus Module Matrix*

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body

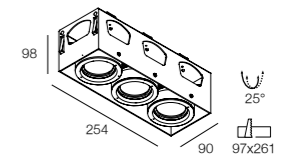


**MX 7465T** - .....

**Trimless Installation Kit**  
**MX TIK41LT** -

*\*Please refer to P26-30 for the FreePlus Module Matrix*

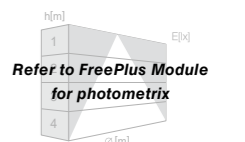
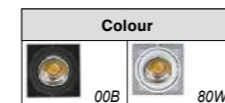
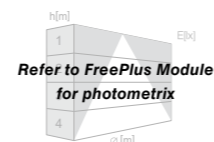
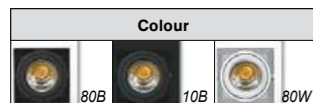
Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White



**MX 7466** - .....

*\*Please refer to P26-30 for the FreePlus Module Matrix*

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body



# Recessed Downlight Accent Lighting

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Atec XOB



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Atec COB



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Glee Wallwasher



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Mini Glee



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Mini Glee Spot



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Slim



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Slim HP



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Pin Hole Mini



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LED EYE



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XITO



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B. Spot



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TINY COB



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Gones



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Multi Mini Xito



64

Multi Mini Xito



64

Multi Mini Xito



65

Multi Mini Xito  
Trimless



66

Multi Mini Spot  
COB



66

Multi Mini Spot  
COB



67

Multi Mini Spot  
COB Trimless



68

Multi Mini  
COB AT



68

Multi Mini  
COB AT



69

Multi Mini  
COB Trimless AT



# Insider Focal

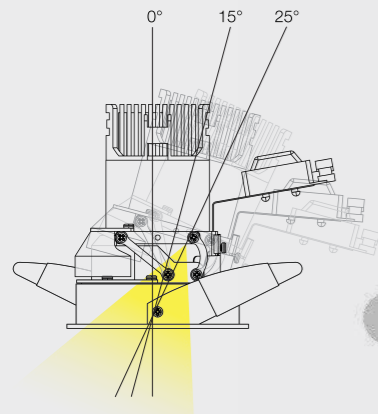
## Glee Spot



**Magic Tilt Angle for Visual Comfort**

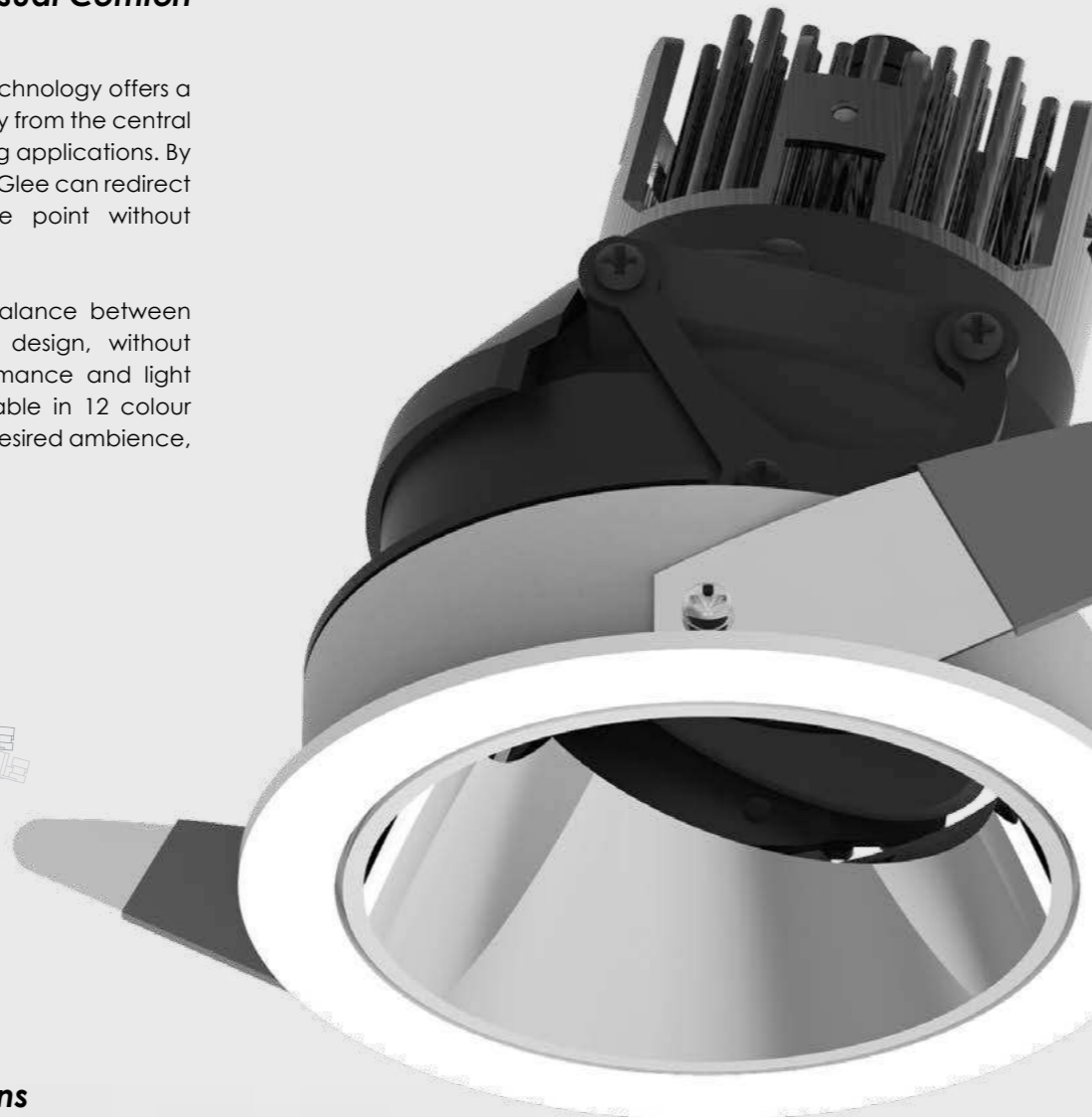
The unique "Offset Tilting" technology offers a 25 degree tilting angle away from the central axis for efficient accent lighting applications. By repositioning the lamp source Glee can redirect the beam towards a single point without sacrificing candela level.

GLEE provides the perfect balance between efficacy, light comfort and design, without compromising on the performance and light quality. The reflector is available in 12 colour options for you to create the desired ambience, no matter the application.



**Maximise the effective angle**

**Reflector colour options**

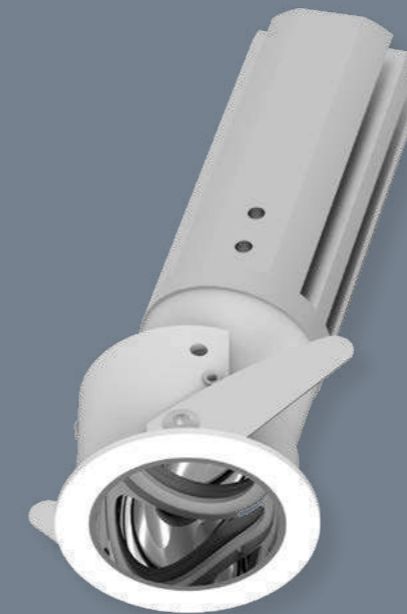


## Xito

**Superior Quality of Light**

The Xito is designed to utilize the high specification of the Xicato™ LED module. Xicato™ LEDs exceed the ANSI specifications by maintaining tight colour consistency over the lifespan of the LED module and guarantees an even field of illumination for the most demanding applications.

The new die-cast heat sink design delivers a minimalist aesthetics. Xito is equipped with a PVD Chrome Reflector for high reflectivity and specularity, without compromising on the even light distribution.



## Slim

**Ideal Solution for Hospitality Application**

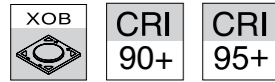
Slim is a compact recessed downlight with a Ø40mm trim. Small-recessed downlight with high output is ideal for tight spaces or prominent hospitality spaces.

This downlight features an innovative approach to thermal management. The integrated heat sink design allows the lamp to be repositioned without compromising the excellent glare control that Slim offers.



# Atec XOB

- Recessed downlight for XOB module
- Polycarbonate reflector in silver vacuum plating
- Beam angle available in 16°, 24° and 36°
- Adjustable and fixed version available
- Separate order of remote LED driver is available upon request



new



### Fixed Version

MX 7622 - 09OB - G5 -

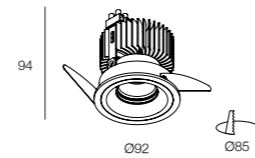
Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
90	CRI 90	27	2700K	16	16°	80B	White Trim & Black Tube
95	CRI 95	30	3000K	24	24°	80W	White Trim & Tube
		35	3500K	36	36°	10B	Black Trim & Tube
		40	4000K				

- Xicato XOB 350mA, 11.9W 1513lm, CRI90 LED Module
- Xicato XOB 350mA, 11.9W 1341lm, CRI95 LED Module

MX 7622 - 09OBV9530 - G6 -

Code	Beam Angle	Code	Colour
16	16°	80B	White Trim & Black Tube
24	24°	80W	White Trim & Tube
36	36°	10B	Black Trim & Tube

- Xicato XOB Vibrant V9 350mA, 11.9W 1347lm, CRI95 LED Module



new



### Adjustable Version

MX 7623 - 09OB - G5 -

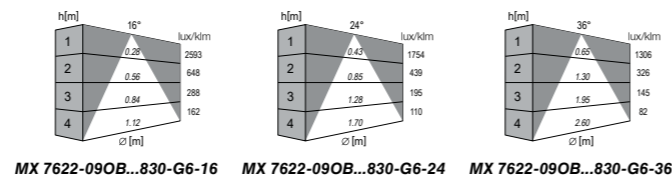
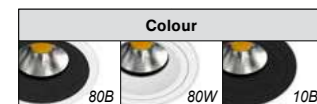
Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
90	CRI 90	27	2700K	16	16°	80B	White Trim & Black Tube
95	CRI 95	30	3000K	24	24°	80W	White Trim & Tube
		35	3500K	36	36°	10B	Black Trim & Tube
		40	4000K				

- Xicato XOB 350mA, 11.9W 1513lm CRI90 LED Module
- Xicato XOB 350mA, 11.9W 1341lm CRI95 LED Module

MX 7623 - 09OBV9530 - G6 -

Code	Beam Angle	Code	Colour
16	16°	80B	White Trim & Black Tube
24	24°	80W	White Trim & Tube
36	36°	10B	Black Trim & Tube

- Xicato XOB Vibrant V9 350mA, 11.9W 1347lm CRI95 LED Module



# Atec COB

- Recessed downlight for COB module
- Polycarbonate reflector in silver vacuum plating
- Beam angle available in 16°, 26°, 38°
- Adjustable and fixed version available
- Separate order of remote LED driver is available

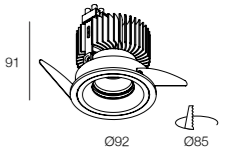


### Fixed Version

MX 7420 - G5 -

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Tube
9	90	30	3000K	26	26°	80W	White Trim & Tube
		35	3500K	38	38°	10B	Black Trim & Tube
		40	4000K				

- 13.6W 500mA 1917lm, CRI80 COB LED
- 13.6W 500mA 1590lm, CRI90 COB LED

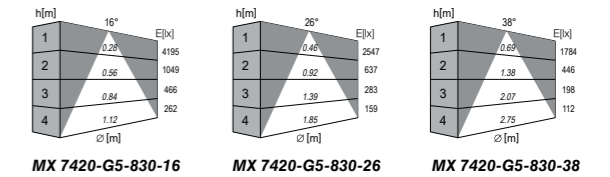
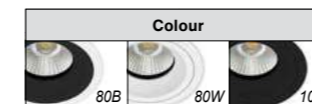
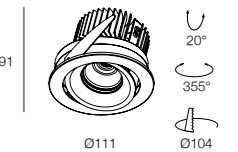


### Adjustable Version

MX 7421 - G5 -

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Tube
9	90	30	3000K	26	26°	80W	White Trim & Tube
		35	3500K	38	38°	10B	Black Trim & Tube
		40	4000K				

- 13.6W 500mA 1917lm, CRI80 COB LED
- 13.6W 500mA 1590lm, CRI90 COB LED



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-350mA-16-ER(36)	7.7-14.4W	Atec XOB 11.9W	350mA	220 x 66 x 38	Ø76
EC LED-SETmA-M20D-MiAM-TCI(19)	2-18W		350mA, 1-10V Dimmable		

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-500mA-20-AC(19)	2-18W	Atec COB 13.6W	500mA	220 x 66 x 38	Ø76
EC LED-SETmA-M20D-MiAM-TCI(19)			500mA, 1-10V Dimmable		

# Glee

- Recessed downlight for LED module
- Beam angle available in 18°, 23°, 36°
- Die cast aluminium trim
- Polycarbonate secondary optics with various colour options
- Adjustable and fixed version available
- Separate order of remote LED driver available upon request



## Concise Guide

Luminaires with **visual comfort** technique provide a good glare control lighting solution for demanding retail, hospitality, and residential applications.

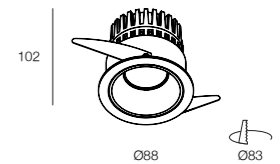
Unified Glare Rating (UGR) is used to evaluate discomfort glare within a given environment.

### Fixed Version

**MX 7488 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	23	23°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

- 13.8W 500mA 1663lm, CRI80 COB LED
- 13.8W 500mA 1375lm, CRI90 COB LED



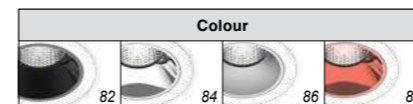
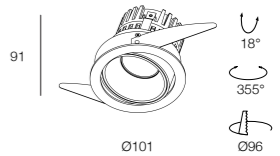
new

### Adjustable Version

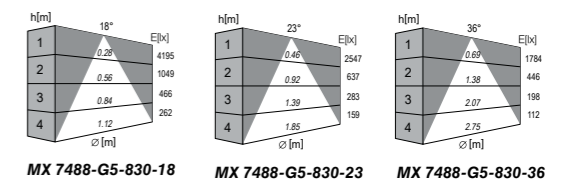
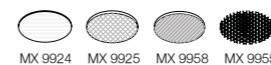
**MX 7475 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	23	23°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

- 13.8W 500mA 1663lm, CRI80 COB LED
- 13.8W 500mA 1375lm, CRI90 COB LED



Accessories See Page 130



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension (mm) (L x (W) x (H))	Cut Hole (mm)
<b>EC LED-500mA-20-AC(19)</b>	2-18W	Glee 13.8W	500mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	1-18W		500mA, 1-10V Dimmable		

# Glee Wallwasher

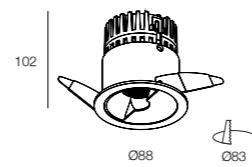
- Die cast aluminium trim
- Polycarbonate wallwasher optics with frosted diffuser
- XOB version available upon request
- Separate order of remote LED driver available upon request



### MX 7477 - G5 - NA - 84

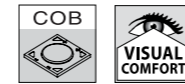
Code	CRI	Code	CCT
8	80	27	2700K
9	90	30	3000K
		35	3500K
		40	4000K

- 13.8W 500mA 1663lm, CRI80 COB LED
- 13.8W 500mA 1375lm, CRI90 COB LED



# Glee Spot

- Die cast aluminium trim
- Offset tilting and adjustable version available
- Polycarbonate secondary optics with various colour options
- Offset tilting and rotation allowed, maximise the effective tilting angle
- Separate order of remote LED driver available upon request



new

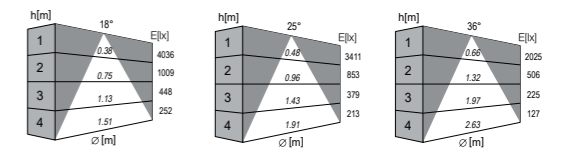
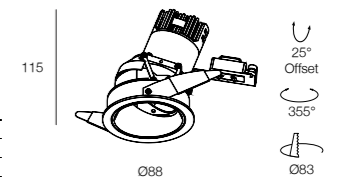


### Offset Tilting Version

### MX 7476 - G6 - NA - 84

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	25	25°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

- 8.8W 250mA 1182lm, CRI80 COB LED
- 8.8W 250mA 993lm, CRI90 COB LED



new

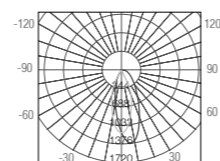
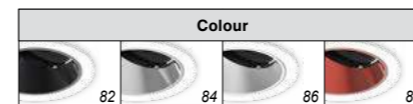
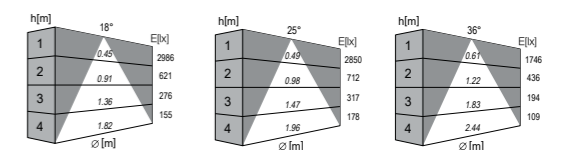
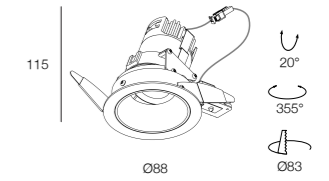


### Adjustable Version

### MX 7495 - G6 - NA - 84

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	25	25°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

- 8.8W 250mA 1182lm, CRI80 COB LED
- 8.8W 250mA 993lm, CRI90 COB LED



MX 7477-G5-830

#### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-500mA-20-AC(19)	2-18W	Glee Wallwasher 13.8W	500mA	220 x 66 x 38	Ø76
EC LED-SETmA-M20D-MiAM-TCI(19)			500mA, 1-10V Dimmable		

#### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-250mA-12-V2-ER(36)	6.6-9.4W	Glee Spot 13.8W	250mA	200 x 45 x 30	Ø55
EC LED-SETmA-M20D-MiAM-TCI(19)	5.5-11.9W		250mA, 1-10V Dimmable	220 x 66 x 38	Ø76

## Mini Glee

- Die cast aluminium trim
- Fixed and wallwasher version available
- Polycarbonate secondary optics with various colour options
- Separate order of remote LED driver available upon request



**Fixed Version**

**MX7484 - G6** - [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	24	24°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

8.8W 250mA 845lm, CRI80 COB LED  
 8.8W 250mA 710lm, CRI90 COB LED

**Colour**

82 84 86 89

**Accessories See Page 131**

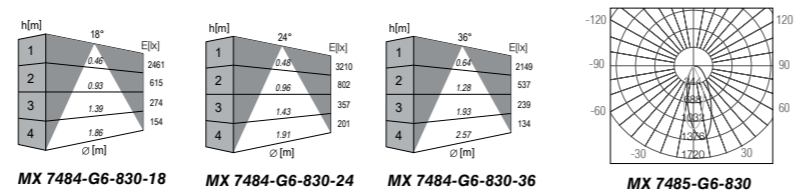
MX 9980 MX 9981 MX 9982 MX 9983

**Wallwasher Version**

**MX7485 - G6 - NA - 84**

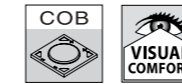
Code	CRI	Code	CCT
8	80	27	2700K
9	90	30	3000K
		35	3500K
		40	4000K

8.8W 250mA 845lm, CRI80 COB LED  
 8.8W 250mA 710lm, CRI90 COB LED



## Mini Glee Spot

- Die cast aluminium trim
- Polycarbonate secondary optics with various colour options
- Tilting and rotation allowed
- Separate order of remote LED driver available upon request



**Adjustable Version**

**MX7483 - G6** - [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	24	24°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

8.8W 250mA 845lm, CRI80 COB LED  
 8.8W 250mA 710lm, CRI90 COB LED

**Colour**

82 84 86 89

**Accessories See Page 131**

MX 9980 MX 9981 MX 9982 MX 9983

**Adjustable Version**

**MX7483 - G6** - [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	82	White Trim & Black Reflector
9	90	30	3000K	24	24°	84	White Trim & Silver Reflector
		35	3500K	36	36°	86	White Trim & Sandblasted Reflector
		40	4000K			89	White Trim & Rose Gold Reflector

8.8W 250mA 845lm, CRI80 COB LED  
 8.8W 250mA 710lm, CRI90 COB LED

**Colour**

82 84 86 89

**Accessories See Page 131**

MX 9980 MX 9981 MX 9982 MX 9983

Beam Angle	h[m]	Ø[m]
18°	1	0.45
	2	0.93
	3	1.39
	4	1.86
24°	1	0.64
	2	1.28
	3	1.93
	4	2.57
36°	1	0.96
	2	1.93
	3	2.89
	4	3.86

LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-250mA-12-V2-ER(36)	6.6-9.4W	Mini Glee 8.8W	250mA	200 x 45 x 30	Ø56
EC LED-SETmA-M12D-LT(36)	2.5-10.5W		250mA, 1-10V Dimmable	220 x 45 x 30	

LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-250mA-12-V2-ER(36)	6.6-9.4W	Mini Glee Spot 8.8W	250mA	220 x 45 x 30	Ø56
EC LED-SETmA-M12D-LT(36)	2.5-10.5W		250mA, 1-10V Dimmable		

### Slim

- Aluminium trim
- Adjustable and fixed version available
- Small diameter for flexible interior design
- Two height version with different lumen package
- Separate order of remote LED driver available upon request

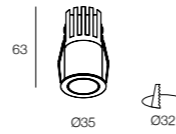


new

Fixed Version

**MX 7601 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	25	25°	84	White Trim & Silver Reflector
9	90	30	3000K	38	38°	14	Black Trim & Silver Reflector
		35	3500K	58	58°		
		40	4000K				



- 3.3W 200mA 464lm, CRI80 COB LED
- 3.3W 200mA 358lm, CRI90 COB LED

### Slim HP

- Aluminium trim
- Adjustable and fixed version available
- Small diameter for flexible interior design
- Two height version with different lumen package
- Separate order of remote LED driver available upon request

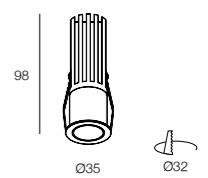


new

Fixed Version

**MX 7603 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	25	25°	84	White Trim & Silver Reflector
9	90	30	3000K	38	38°	14	Black Trim & Silver Reflector
		35	3500K	58	58°		
		40	4000K				



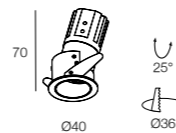
- 6.1W 350mA 855lm, CRI80 COB LED
- 6.1W 350mA 659lm, CRI90 COB LED

new

Adjustable Version

**MX 7602 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	25	25°	84	White Trim & Silver Reflector
9	90	30	3000K	38	38°	14	Black Trim & Silver Reflector
		35	3500K	58	58°		
		40	4000K				



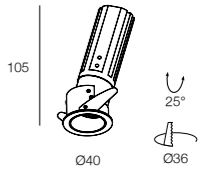
- 3.3W 200mA 464lm, CRI80 COB LED
- 3.3W 200mA 358lm, CRI90 COB LED

new

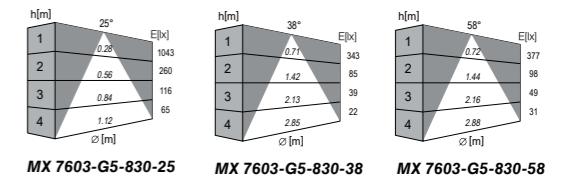
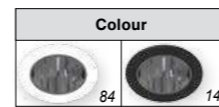
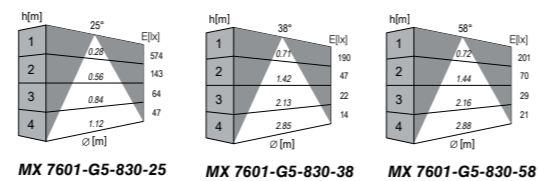
Adjustable Version

**MX 7604 - G5 -** [ ] - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	25	25°	84	White Trim & Silver Reflector
9	90	30	3000K	38	38°	14	Black Trim & Silver Reflector
		35	3500K	58	58°		
		40	4000K				



- 6.1W 350mA 855lm, CRI80 COB LED
- 6.1W 350mA 659lm, CRI90 COB LED



LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-200mA-6-HEP(20)</b>	3.3-6W	Slim 3.3W	250mA	135 x 46 x 30	Ø53 require access panel
<b>EC LED-SETmA-M12D-LT(36)</b>	2.2-7.5W		200mA, 1-10V Dimmable	220 x 45 x 30	Ø56 require access panel

LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-350mA-8S-HEP(02)</b>	2-7W	Slim HP 6.1W	350mA	140 x 45 x 30	Ø52 require access panel
<b>EC LED-350mA-8-V2-ER(36)</b>	5-8W		350mA	220 x 45 x 30	Ø54 require access panel
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>	1-18W		350mA, 1-10V Dimmable	220 x 66 x 38	Ø76 require access panel

# Pin Hole Mini

- Recessed downlight for LED module
- Adjustable and fixed version available
- Die cast aluminium body available in 2 colours
- Separate order of remote LED driver available upon request



**Fixed Version**

**MX 7616 - G6**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	15	15°	80	White
9	90	30	3000K	24	24°	10	Black
		40	4000K	36	36°		

- 8.8W 250mA 1182lm, CRI80 COB LED
- 8.8W 250mA 993lm, CRI90 COB LED

**Fixed Version with Cover Glass, IP55**

**MX 7616C - G6**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	15	15°	80	White
9	90	30	3000K	24	24°	10	Black
		40	4000K	36	36°		

**Adjustable Version**

**MX 7617 - G6**

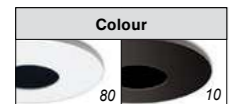
Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	15	15°	80	White
9	90	30	3000K	24	24°	10	Black
		40	4000K	36	36°		

- 8.8W 250mA 1182lm, CRI80 COB LED
- 8.8W 250mA 993lm, CRI90 COB LED

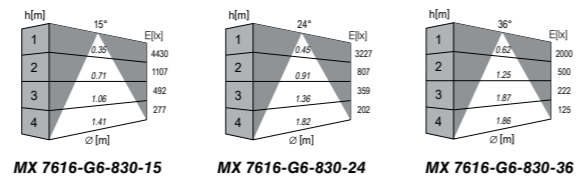
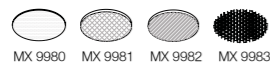
**Adjustable Version with Cover Glass, IP55**

**MX 7617C - G6**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	15	15°	80	White
9	90	30	3000K	24	24°	10	Black
		40	4000K	36	36°		



Accessories See Page 131



# LED EYE

- Recessed downlight for LED
- Adjustable and fixed version available
- Die cast aluminium trim and body available in 2 colours
- "Plug-in" male connector with 800mm wire provided
- Beam angle available in 15°, 27° and 43°
- Separate order of remote LED driver and connecting accessories are available upon request



**Adjustable Version**

**MX 7401 - G4**

Code	CCT	Code	Beam Angle	Code	Colour
827	2700K	15	15°	80	White
830	3000K	27	27°	10	Black
840	4000K	43	43°		
860	6000K				

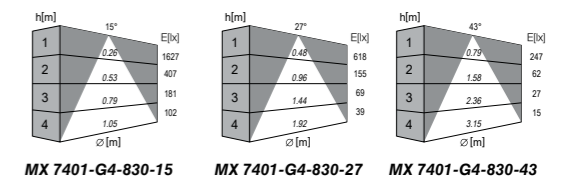
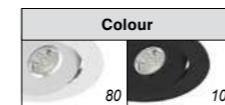
1 x 2.1W 700mA 188lm High Power LED

**Fixed Version**

**MX 7402 - G4**

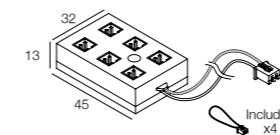
Code	CCT	Code	Beam Angle	Code	Colour
827	2700K	15	15°	80	White
830	3000K	27	27°	10	Black
840	4000K	43	43°		
860	6000K				

1 x 2.1W 700mA 188lm High Power LED



## Accessory

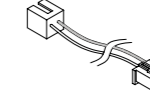
**MX 5923**  
6 terminal series connector with 2 meter wire (included 3 Terminal End)



**MX 5924**  
Terminal End



**MX 5925**  
2m extension wire



## LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-250mA-12-V2-ER(36)	6.6-9.4W	Pin Hole Mini 8.8W	250mA	200 x 45 x 30	Ø56
EC LED-SETmA-M12D-LT(36)	2.5-10.5W		250mA, 1-10V Dimmable	220 x 45 x 30	

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-700mA-12-AC(19)	2-10W	Max 4pcs LED Eye 3 (3W) (series connection)	700mA	220 x 66 x 38	Ø76 require access panel
EC LED-700mA-20-AC(19)	2-18W	Max 8pcs LED Eye 3 (3W) (series connection)			

\* 350mA LED Driver for 1W available on request

# XITO

- Recessed downlight for LED module
- Adjustable and fixed version available
- Die cast aluminium trim
- Polycarbonate reflector in silver vacuum plating
- SDCM Step 1x2, high colour temperature stability
- CRI95+ option
- Separate order of remote LED driver is available upon request
- Xicato Vibrant V8/ V95 version available upon request



# B. Spot

- Recessed downlight for LED Module
- Adjustable and fixed version available
- Die cast aluminium trim
- Beam angle available in 11°
- Polycarbonate Collimator in silver vacuum plating
- Separate order of remote LED driver is available upon request

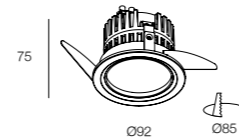


**Fixed Version**

**MX 7328 - 13T8** - G5 - - 84

Code	CCT	Code	Beam Angle
27	2700K	20	20°
30	3000K	40	40°
35	3500K	60	60°
40	4000K		

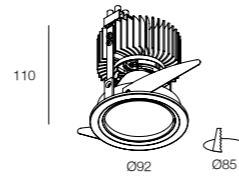
Xicato XTM 9.5W 1300lm 700mA, CRI80+ LED Module



**MX 7348 - 13T9** - G5 - - 84

Code	CCT	Code	Beam Angle
27	2700K	20	20°
30	3000K	40	40°
35	3500K	60	60°
40	4000K		

Xicato XTM 13.3W 1300lm 700mA, CRI95+ LED Module



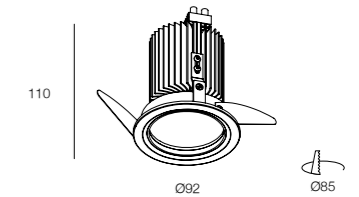
**Fixed Version**

**MX 7428- G4** - - 11 - 84

Code	CRI	Code	CCT
8	80	27	2700K
9	90	30	3000K
		40	4000K

20.3W 700mA 2189lm, CRI80 COB LED

20.3W 700mA 1816lm, CRI90 COB LED



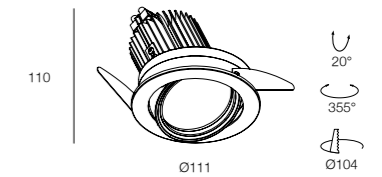
**Adjustable Version**

**MX 7429- G4** - - 11 - 84

Code	CRI	Code	CCT
8	80	27	2700K
9	90	30	3000K
		40	4000K

20.3W 700mA 2189lm, CRI80 COB LED

20.3W 700mA 1816lm, CRI90 COB LED

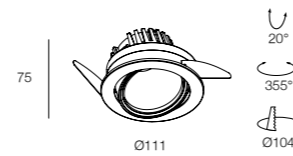


**Adjustable Version**

**MX 7329 - 13T8** - G5 - - 84

Code	CCT	Code	Beam Angle
27	2700K	20	20°
30	3000K	40	40°
35	3500K	60	60°
40	4000K		

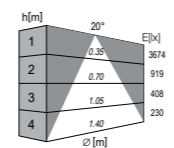
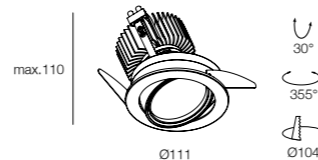
Xicato XTM 9.5W 1300lm 700mA, CRI80+ LED Module



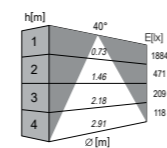
**MX 7349 - 13T9** - G5 - - 84

Code	CCT	Code	Beam Angle
27	2700K	20	20°
30	3000K	40	40°
35	3500K	60	60°
40	4000K		

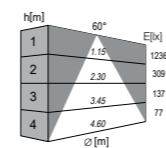
Xicato XTM 13.3W 1300lm 700mA, CRI95+ LED Module



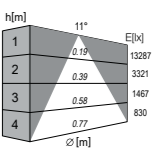
MX 7328-13T830-G5-20



MX 7328-13T830-40



MX 7328-13T830-60



MX 7428-G4-830-11

**LED Driver**

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-700mA-20-AC(19)	2-18W	XITO 13T8 (9.5W), 13T9 (13.3W)	700mA	220 x 66 x 38	Ø76
EC LED-SETmA-M20D-MiAM-TCI(19)			700mA, 1-10V Dimmable		

**LED Driver**

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-SETmA-M30-PF-TCI(19)	2-27W	B.Spot 20.3W	700mA	220 x 66 x 38	Ø76
EC LED-SETmA-25D-DJ-TCI(13)	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

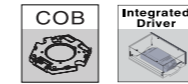
# TINY COB

- Recessed downlight for LED Module
- Beam angle available in 13°, 25° and 38°
- Die cast aluminium body with black anti glare tube
- Adjustable and fixed version available
- Separate order of remote LED driver is available upon request



# Gones

- Recessed downlight for LED Module
- Die cast aluminium trim
- Adjustable Beam Angle version available
- Separate order of remote LED driver is available upon request



**Fixed Version**

**MX 7384 - G5 - [ ] - [ ] - [ ] - 84**

Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	13	13°
9	90	30	3000K	25	25°
		35	3500K	38	38°
		40	4000K		

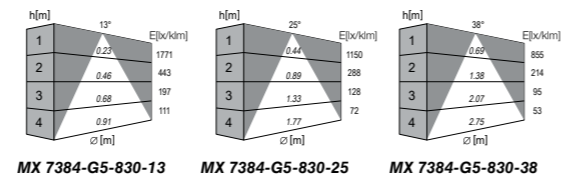
6.1W 350mA 999lm, CRI80 COB LED  
 6.2W 350mA 848lm, CRI90 COB LED  
 8.9W 500mA 1387lm, CRI80 COB LED  
 8.9W 500mA 1179lm, CRI90 COB LED

**Adjustable Version**

**MX 7385 - G5 - [ ] - [ ] - [ ] - 84**

Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	13	13°
9	90	30	3000K	25	25°
		35	3500K	38	38°
		40	4000K		

6.1W 350mA 999lm, CRI80 COB LED  
 6.2W 350mA 848lm, CRI90 COB LED  
 8.9W 500mA 1387lm, CRI80 COB LED  
 8.9W 500mA 1179lm, CRI90 COB LED



**Adjustable Version**

**MX 7414 - G5 - [ ] - [ ] - [ ] - [ ]**

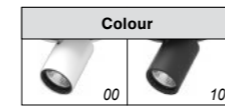
Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	00	White Body
9	90	30	3000K	26	26°	10	Black Body
		40	4000K	36	36°		

9.1W 350mA 1388lm, CRI80 COB LED  
 9.1W 350mA 1150lm, CRI90 COB LED

h[m]	E[k]
1	0.28
2	0.56
3	0.84
4	1.12

h[m]	E[k]
1	0.46
2	0.92
3	1.39
4	1.85

h[m]	E[k]
1	0.69
2	1.38
3	2.07
4	2.75

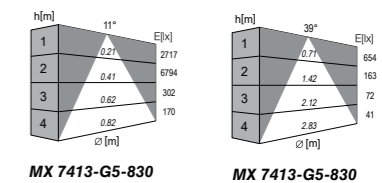
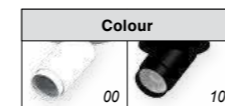
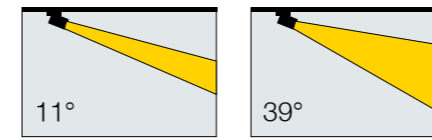


**Adjustable Beam Angle Version**

**MX 7413 - G5 - [ ] - [ ] - [ ] - [ ]**

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	00	White Body
9	90	30	3000K	10	Black Body
		40	4000K		

9.1W 350mA 1388lm, CRI80 COB LED  
 9.1W 350mA 1150lm, CRI90 COB LED



LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-350mA-8-V2-ER(20)	5-8W	TINY COB 6.1W	350mA	135 x 46 x 30	Ø53
EC LED-SETmA-M20D-MiAM-TCI(19)	1-13W			220 x 66 x 38	Ø76 require access panel
EC LED-500mA-12-V2-ER(20)	8-11W	TINY COB 8.9W	500mA	135 x 46 x 30	Ø53
EC LED-SETmA-M20D-MiAM-TCI(19)	2-18W			220 x 66 x 38	Ø76 require access panel

LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-350mA-12-V2-ER(36)	7-11W	Gones 9.1W	350mA	220 x 45 x 30	Ø54
EC LED-SETmA-M20D-MiAM-TCI(19)	1-13W		350mA, 1-10V Dimmable	220 x 66 x 38	Ø76



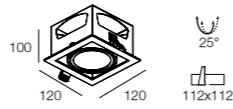
## Multi Mini Xito

- Recessed downlight for LED Module
- Polycarbonate reflector in silver vacuum plating
- SDCM Step 1x2, high colour temperature stability
- Metal trim and body in various colours
- Separate order of remote LED driver available upon request
- Xicato Vibrant V8/ V95 version available upon request



**MX 7481S - 13T8** - G5 -

Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80B	White Trim & Black Body
30	3000K	40	40°	10B	Black Trim & Body
35	3500K	60	60°	80W	White Trim & Body
40	4000K				

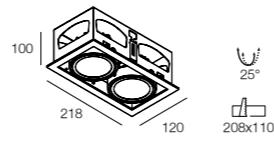


Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module



**MX 7481D - 13T8** - G5 -

Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80B	White Trim & Black Body
30	3000K	40	40°	10B	Black Trim & Body
35	3500K	60	60°	80W	White Trim & Body
40	4000K				

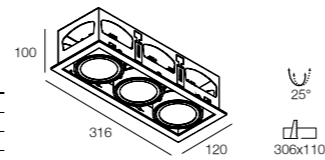


2 X Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module

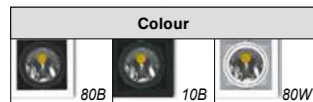


**MX 7481T - 13T8** - G5 -

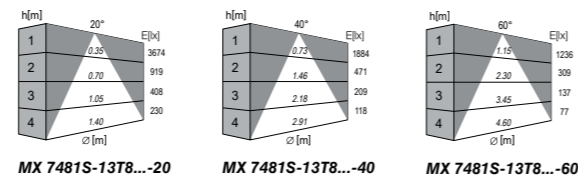
Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80B	White Trim & Black Body
30	3000K	40	40°	10B	Black Trim & Body
35	3500K	60	60°	80W	White Trim & Body
40	4000K				



3 X Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module



Accessories See Page 130



## Multi Mini Xito Trimless

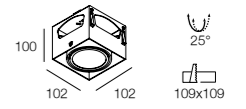
- Recessed downlight for LED Module
- Polycarbonate reflector in silver vacuum plating
- SDCM Step 1x2, high colour temperature stability
- Metal trim and body in various colours
- Separate order of remote LED driver available upon request
- Xicato Vibrant V8/ V95 version available upon request



**MX 7482S - 13T8** - G5 -

Trimless Installation Kit  
**MX TIK52S** -

Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
27	2700K	20	20°	00B	Black Body	Black
30	3000K	40	40°	80W	White Body	White
35	3500K	60	60°			
40	4000K					



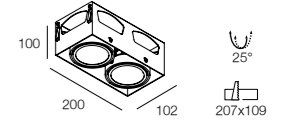
Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module



**MX 7482D - 13T8** - G5 -

Trimless Installation Kit  
**MX TIK52D** -

Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
27	2700K	20	20°	00B	Black Body	Black
30	3000K	40	40°	80W	White Body	White
35	3500K	60	60°			
40	4000K					



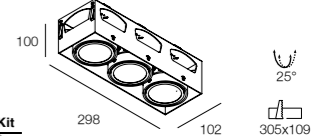
2 X Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module



**MX 7482T - 13T8** - G5 -

Trimless Installation Kit  
**MX TIK52T** -

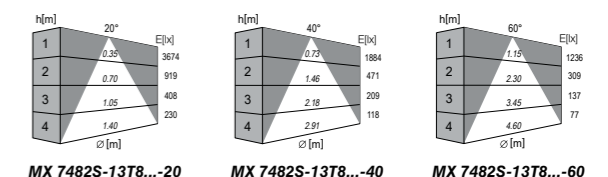
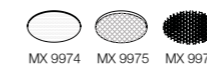
Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
27	2700K	20	20°	00B	Black Body	Black
30	3000K	40	40°	80W	White Body	White
35	3500K	60	60°			
40	4000K					



3 X Xicato XTM 9.3W 1300lm, 700mA, CRI80+ LED Module



Accessories See Page 130



### LED Driver

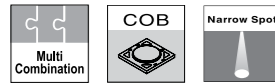
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18W	Multi Mini Xito 13T8 (9.3W)	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-700mA-20-AC(19)</b>	2-18W	Multi Mini Xito Trimless 13T8 (9.3W)	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M20D-MiAM-TCI(19)</b>			700mA, 1-10V Dimmable		

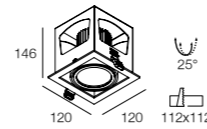
## Multi Mini Spot COB

- Recessed downlight for LED Module
- Polycarbonate Collimator
- Reflector angle available in 11°
- Metal trim and body in various colour
- Separate order of remote LED driver available upon request



### MX 7454S - G4 - [ ] - 11 - [ ]

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80B	White Trim & Black Body
9	90	30	3000K	10B	Black Trim & Body
		40	4000K	80W	White Trim & Body

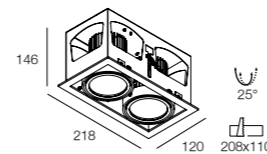


- 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 20.3W, 700mA, 1816lm, CRI 90 COB LED



### MX 7454D - G4 - [ ] - 11 - [ ]

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80B	White Trim & Black Body
9	90	30	3000K	10B	Black Trim & Body
		40	4000K	80W	White Trim & Body

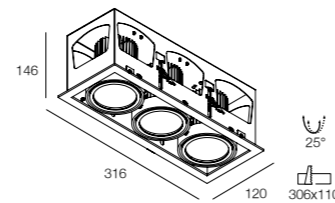


- 2 X 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 2 X 20.3W, 700mA, 1816lm, CRI 90 COB LED



### MX 7454T - G4 - [ ] - 11 - [ ]

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80B	White Trim & Black Body
9	90	30	3000K	10B	Black Trim & Body
		40	4000K	80W	White Trim & Body



- 3 X 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 3 X 20.3W, 700mA, 1816lm, CRI 90 COB LED

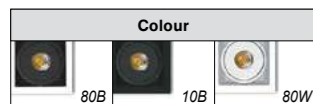


### MX 7456 - G4 - [ ] - 11 - [ ]

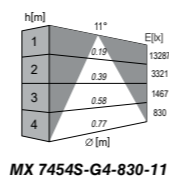
Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80B	White Trim & Black Body
9	90	30	3000K	10B	Black Trim & Body
		40	4000K	80W	White Trim & Body



- 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 20.3W, 700mA, 1816lm, CRI 90 COB LED



Accessories See Page 130

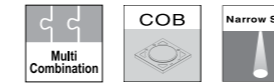


#### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-SETmA-M30-PF-TCI(19)	2-27W	Multi Mini Spot COB 1pc 20.3W COB LED	700mA	220 x 66 x 38	Ø76
EC LED-SETmA-25D-DJ-TCI(13)	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

## Multi Mini Spot COB Trimless

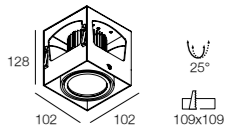
- Recessed downlight for LED Module
- Polycarbonate Collimator
- Beam angle available in 11°
- Metal trim and body in various colour
- Separate order of remote LED driver available upon request



### MX 7458S - G4 - [ ] - 11 - [ ]

Trimless Installation Kit  
MX TIK52S -

Code	CRI	Code	CCT	Code	Colour	Colour of Installation Kit
8	80	27	2700K	00B	Black Body	Black
9	90	30	3000K	80W	White Body	White
		40	4000K			



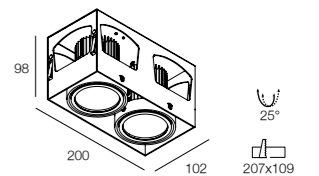
- 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 20.3W, 700mA, 1816lm, CRI 90 COB LED



### MX 7458D - G4 - [ ] - 11 - [ ]

Trimless Installation Kit  
MX TIK52D -

Code	CRI	Code	CCT	Code	Colour	Colour of Installation Kit
8	80	27	2700K	00B	Black Body	Black
9	90	30	3000K	80W	White Body	White
		40	4000K			



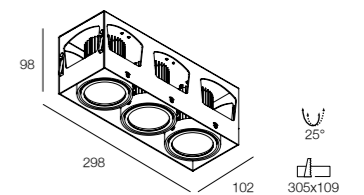
- 2 X 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 2 X 20.3W, 700mA, 1816lm, CRI 90 COB LED



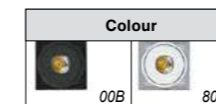
### MX 7458T - G4 - [ ] - 11 - [ ]

Trimless Installation Kit  
MX TIK52T -

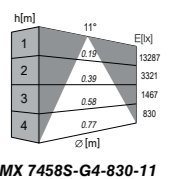
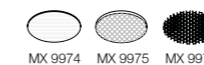
Code	CRI	Code	CCT	Code	Colour	Colour of Installation Kit
8	80	27	2700K	00B	Black Body	Black
9	90	30	3000K	80W	White Body	White
		40	4000K			



- 3 X 20.3W, 700mA, 2189lm, CRI 80 COB LED
- 3 X 20.3W, 700mA, 1816lm, CRI 90 COB LED



Accessories See Page 130



#### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-SETmA-M30-PF-TCI(19)	2-27W	Multi Mini Spot COB Trimless 1pc 20.3W COB LED	700mA	220 x 66 x 38	Ø76
EC LED-SETmA-25D-DJ-TCI(13)	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

## Multi Mini COB AT

- Recessed downlight for LED Module
- Polycarbonate reflector in silver vacuum plating
- Beam angle available in 16°, 26° and 38°
- Metal trim and body in various colour
- Separate order of remote LED driver available



## Multi Mini COB Trimless AT

- Recessed downlight for LED Module
- Polycarbonate reflector
- Beam angle available in 16°, 26° and 38°
- Metal body in various colour
- Separate order of remote LED driver available



**MX 7354S - G5**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Body
9	90	30	3000K	26	26°	10B	Black Trim & Body
		35	3500K	38	38°	80W	White Trim & Body
		40	4000K				

19.9W, 700mA, 2564lm, CRI80 COB LED  
 19.9W, 700mA, 2128lm, CRI90 COB LED

**MX 7354D - G5**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Body
9	90	30	3000K	26	26°	10B	Black Trim & Body
		35	3500K	38	38°	80W	White Trim & Body
		40	4000K				

2 X  19.9W, 700mA, 2564lm, CRI80 COB LED  
 2 X  19.9W, 700mA, 2128lm, CRI90 COB LED

**MX 7354T - G5**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Body
9	90	30	3000K	26	26°	10B	Black Trim & Body
		35	3500K	38	38°	80W	White Trim & Body
		40	4000K				

3 X  19.9W, 700mA, 2564lm, CRI80 COB LED  
 3 X  19.9W, 700mA, 2128lm, CRI90 COB LED

**MX 7356 - G5**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Trim & Black Body
9	90	30	3000K	26	26°	10B	Black Trim & Body
		35	3500K	38	38°	80W	White Trim & Body
		40	4000K				

19.9W, 700mA, 2564lm, CRI80 COB LED  
 19.9W, 700mA, 2128lm, CRI90 COB LED

**Accessories See Page 130**

MX 9924  MX 9925  MX 9958  MX 9955

**MX 7354S-G5-830-16**    **MX 7354S-G5-830-26**    **MX 7354S-G5-830-38**

**MX 7358S - G5**

Trimless Installation Kit  
**MX TIK52S**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
8	80	27	2700K	16	16°	00B	Black Body	Black
9	90	30	3000K	26	26°	80W	White Body	White
		35	3500K	38	38°			
		40	4000K					

19.9W, 700mA, 2564lm CRI80 COB LED  
 19.9W, 700mA, 2128lm CRI90 COB LED

**MX 7358D - G5**

Trimless Installation Kit  
**MX TIK52D**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
8	80	27	2700K	16	16°	00B	Black Body	Black
9	90	30	3000K	26	26°	80W	White Body	White
		35	3500K	38	38°			
		40	4000K					

2 X  19.9W, 700mA, 2564lm CRI80 COB LED  
 2 X  19.9W, 700mA, 2128lm CRI90 COB LED

**MX 7358T - G5**

Trimless Installation Kit  
**MX TIK52T**

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour	Colour of Installation Kit
8	80	27	2700K	16	16°	00B	Black Body	Black
9	90	30	3000K	26	26°	80W	White Body	White
		35	3500K	38	38°			
		40	4000K					

2 X  19.9W, 700mA, 2564lm CRI80 COB LED  
 2 X  19.9W, 700mA, 2128lm CRI90 COB LED

**Accessories See Page 130**

MX 9924  MX 9925  MX 9958  MX 9955

**MX 7358S-G5-830-16**    **MX 7358S-G5-830-26**    **MX 7358S-G5-830-38**

**Accessories See Page 130**

MX 9924  MX 9925  MX 9958  MX 9955

**MX 7358S-G5-830-16**    **MX 7358S-G5-830-26**    **MX 7358S-G5-830-38**

**LED Driver**

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-SETmA-M30-PF-TCI(19)</b>	2-27W	Multi Mini COB AT 1pc 19.9W COB LED	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M25D-DJ-TCI(13)</b>	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

**LED Driver**

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-SETmA-M30-PF-TCI(19)</b>	2-27W	Multi Mini COB Trimless AT 1pc 19.9W COB LED	700mA	220 x 66 x 38	Ø76
<b>EC LED-SETmA-M25D-DJ-TCI(13)</b>	2-22W		700mA, 1-10V Dimmable	180 x 75 x 42	Ø83

# Surface Mounted Downlight

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Club



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Club COB



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Multi Box  
Life COB



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Multi Box Mini  
XOB AT



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Multi Box Mini  
XOB AT



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Multi Box Mini  
XOB AT



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Multi Box Mini  
COB AT



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Multi Box Mini  
COB AT



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Multi Box Mini  
COB AT



# Insider Focal

## Club

### Flexible Surface-Mounted Design

An elegant surface mounted downlight with a PVD Reflector and is adjustable on request. Club is developed specifically for the most demanding lighting application for retail and transitional spaces.



# Club

- Surface mounted for LED Module
- Adjustable and fixed version available
- Die cast aluminium trim
- Polycarbonate Reflector in silver vacuum plating
- SDCM Step 1x2, high colour temperature stability
- Xicato Vibrant V8/ V95 version available upon request
- Integrated LED driver

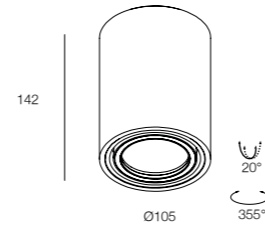


## Adjustable Version

**MX 7441 - 13T8** - G5 - -

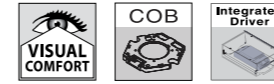
Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80	White
30	3000K	40	40°	10	Black
35	3500K	60	60°		
40	4000K				

Xicato XTM 9.5W 1300lm 700mA, CRI80+ LED Module



# Club COB

- Surface mounted for LED Module
- Adjustable and fixed version
- Die cast aluminium trim
- Polycarbonate Reflector with 3 angle options
- SDCM Step 1x2, high colour temperature stability
- Xicato Vibrant V8/ V95 version available upon request
- Integrated LED drive

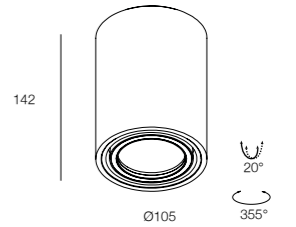


## Adjustable Version

**MX 7641 - G5** - - -

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80	White
9	90	30	3000K	24	24°	10	Black
		35	3500K	38	38°		
		40	4000K				

- 11.7W 350mA 1963lm, CRI80 COB LED
- 11.7W 350mA 1620lm, CRI90 COB LED

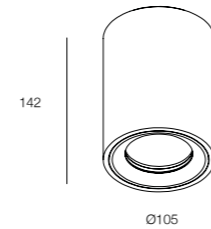


## Fixed Version

**MX 7442 - 13T8** - G5 - -

Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80	White
30	3000K	40	40°	10	Black
35	3500K	60	60°		
40	4000K				

Xicato XTM 9.5W 1300lm 700mA, CRI80+ LED Module

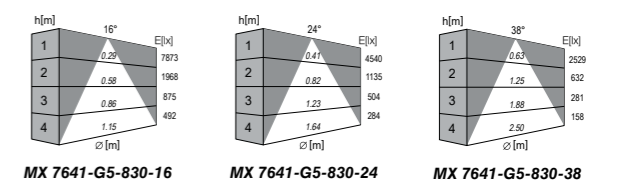
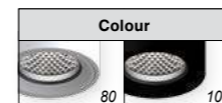
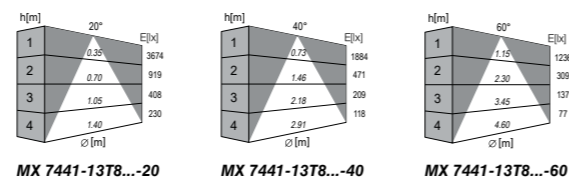
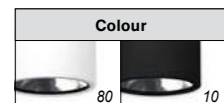
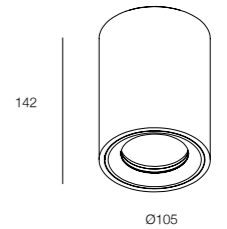


## Fixed Version

**MX 7642 - G5** - - -

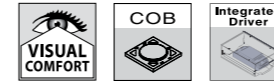
Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80	White
9	90	30	3000K	24	24°	10	Black
		35	3500K	38	38°		
		40	4000K				

- 11.7W 350mA 1963lm, CRI80 COB LED
- 11.7W 350mA 1620lm, CRI90 COB LED



## Multi Box Lite COB

- Surface mounted downlight for LED module
- Beam angle available in 15°, 24° and 36°
- Aluminium housing, metal body available in different colours upon request
- Integrated LED driver



# Concise Guide

**Flickering** light can cause headaches, migraines and difficulties in concentration. If LED modules don't have proper power supply, the flickering light effect will be even more disturbing.

**new**

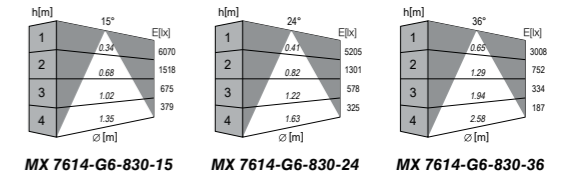
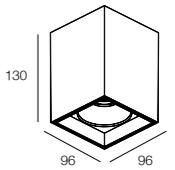


### Fixed Version

**MX 7614 - G6** - [ ] - [ ] - [ ]

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
8	CRI 80	27	2700K	15	15°	82	White Body & Black Reflector
9	CRI 90	30	3000K	24	24°	84	White Body & Silver Reflector
		35	3500K	36	36°	12	Black Body & Reflector
		40	4000K			14	Black Body & Silver Reflector

- 12.5W 350mA 1944lm, CRI80 COB LED
- 12.5W 350mA 1665lm, CRI90 COB LED



**new**

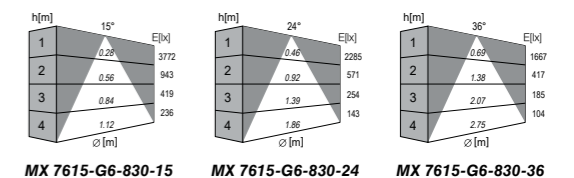
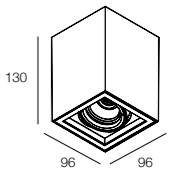


### Adjustable Version

**MX 7615 - G6** - [ ] - [ ] - [ ]

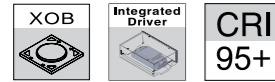
Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
8	CRI 80	27	2700K	15	15°	82	White Body & Black Reflector
9	CRI 90	30	3000K	24	24°	84	White Body & Silver Reflector
		35	3500K	36	36°	12	Black Body & Reflector
		40	4000K			14	Black Body & Silver Reflector

- 9W 350mA 1388lm, CRI80 COB LED
- 9W 350mA 1150lm, CRI90 COB LED



## Multi Box Mini XOB AT

- Surface mounted downlight for LED module
- Beam angle available in 16°, 24° and 36°
- Aluminium housing, metal body available in different colours upon request
- Possible tilt adjustment
- Integrated LED driver
- Xicato Vibrant V95 version available upon request



**new**

**MX 7634S - 09OB** [ ] [ ] [ ] - G6 - [ ] [ ] [ ] [ ]

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
90	CRI 90	27	2700K	16	16°	80B	White Housing & Black Body
95	CRI 95	30	3000K	24	24°	10B	Black Housing & Body
		35	3500K	36	36°	80W	White Housing & Body
		40	4000K				

Xicato XOB 8.4W 250mA 1151lm, CRI90 LED Module, Integrated driver  
 Xicato XOB 8.4W 250mA 1020lm, CRI95 LED Module, Integrated driver

**new**

**MX 7634D - 09OB** [ ] [ ] [ ] - G6 - [ ] [ ] [ ] [ ]

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
90	CRI 90	27	2700K	16	16°	80B	White Housing & Black Body
95	CRI 95	30	3000K	24	24°	10B	Black Housing & Body
		35	3500K	36	36°	80W	White Housing & Body
		40	4000K				

2 X Xicato XOB 8.4W 250mA 1151lm, CRI90 LED Module, Integrated driver  
 2 X Xicato XOB 8.4W 250mA 1020lm, CRI95 LED Module, Integrated driver

**new**

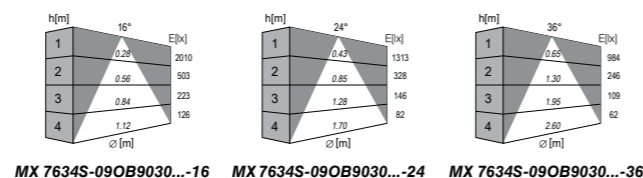
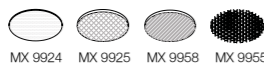
**MX 7634T - 09OB** [ ] [ ] [ ] - G6 - [ ] [ ] [ ] [ ]

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
90	CRI 90	27	2700K	16	16°	80B	White Housing & Black Body
95	CRI 95	30	3000K	24	24°	10B	Black Housing & Body
		35	3500K	36	36°	80W	White Housing & Body
		40	4000K				

3 X Xicato XOB 8.4W 250mA 1151lm, CRI90 LED Module, Integrated driver  
 3 X Xicato XOB 8.4W 250mA 1020lm, CRI95 LED Module, Integrated driver

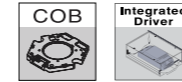


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## Multi Box Mini COB AT

- Surface mounted downlight for LED module
- Beam angle available in 16°, 26° and 38°
- Aluminium housing, metal body available in different colours upon request
- Possible tilt adjustment
- Integrated LED driver



**new**

**MX 7334S - G5** [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Housing & Black Body
9	90	30	3000K	26	26°	10B	Black Housing & Body
		35	3500K	38	38°	80W	White Housing & Body
		40	4000K				

9.1W 350mA 1388lm, CRI80 COB LED  
 9.1W 350mA 1150lm, CRI90 COB LED

**new**

**MX 7334D - G5** [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Housing & Black Body
9	90	30	3000K	26	26°	10B	Black Housing & Body
		35	3500K	38	38°	80W	White Housing & Body
		40	4000K				

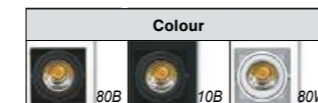
2 X 9.1W 350mA 1388lm, CRI80 COB LED  
 2 X 9.1W 350mA 1150lm, CRI90 COB LED

**new**

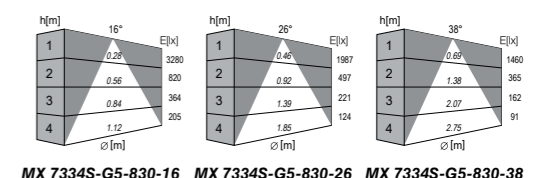
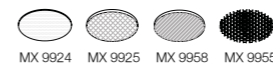
**MX 7334T - G5** [ ] [ ] [ ] - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80B	White Housing & Black Body
9	90	30	3000K	26	26°	10B	Black Housing & Body
		35	3500K	38	38°	80W	White Housing & Body
		40	4000K				

3 X 9.1W 350mA 1388lm, CRI80 COB LED  
 3 X 9.1W 350mA 1150lm, CRI90 COB LED



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# Tracklight

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Armbox IB



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Mini Armbox



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Mini IB



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Mini IB



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Rela



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Rela



# Insider Focal

## Glek IB

**Minimalist Design  
provides Good Direct Illumination**

**G**LEK IB provides a clean and elegant track light solution with their integrated driver design for your project. Extremely versatile, they can be positioned horizontally or vertically and then secured in place.

Offering 12 reflector colour options in a white housing, GLEK IB allows a bi-colour luminaire design for greater design freedom and individuality.



## Armbox IB

**High-Output Solution**

Designed with compact body, unique heat sink and built-in driver, the Armbox IB is perfect to highlight and elevate the space. The radial cold forged heat sink maximise the heat dissipation surface area and allows for optimal LED thermal management.

Armbox IB offers a wide range of beam angle varying from 18° to 42°, creating a diverse and dramatic atmosphere for target object in different accent lighting environments. It is the ideal luminaire for high output commercial lighting applications.

# Novas

Powered by Xicato XIM

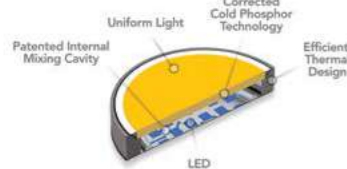


### Special Design Track Adaptor



Special design track adaptor applied in NOVAS for DALI or 1-10V signal.

### Corrected Cold Phosphor Technology



Xicato LED module employs Corrected Cold Phosphor Technology that delivers sustained and high quality light from LEDs. In terms of colour consistency, only Xicato in the market can commits every module lies within a 1x2 MacAdam Ellipse around the colour point on the black body locus.

With the experienced product designer from MILUX, the Xicato LED module can be sure to operate in a platform with perfect heat management and best optical performance for your environment.



### Xicato XIM

Xicato XIM, the intelligent LED module with integrated driver, delivers perfectly choreographed dimming, unmatched colour consistency, remarkable colour rendering and a duet of source sizes that make any space perform to its fullest. With smoother and deeper dimming, Xicato XIM out-performs systems with high-end standalone LED drivers.



Connect to 48V DC Transformer



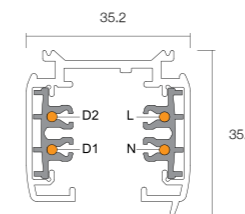
Max 600W in 25 Meters Track

DALI Control OR 1-10V Dimming

## DALI Track Accessory

### 1000mm Surface Mounted Track

- AP VT0410- B (Black)
- AP VT0410- W (White)

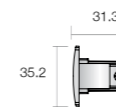


### 2000mm Surface Mounted Track

- AP VT0420- B (Black)
- AP VT0420- W (White)

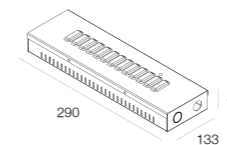
### End Cap

- AP VT0432 - B (Black)
- AP VT0432 - W (White)



### 48V DC Transformer

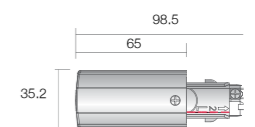
- EC LED-48V-200-MW(34)
- 48V DC 200W Electronic transformer, provide with wiring box.
- Other power output of 48V DC transformer is available on request



### Live-End Connector

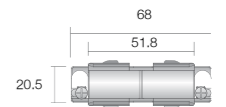
#### AP VTD431 -

Code	Type	Code	Colour
L	Left	B	Black
R	Right	W	White



### Straight Jointer

- AP VT0433 - L (Left)
- AP VT0433 - R (Right)



# NOVAS

- Tracklight with 3-phase adaptor for LED module
- Cold phosphor technology
- Beam angle available in 20°, 40° and 60°
- Aluminium body available in 2 colours
- Surface mounted version available upon request
- Xicato Vibrant V8 / V95 version available upon request
- Separate order of remote 48V driver is available



# Glek IB

- Aluminium body
- Polycarbonate secondary optics with various colour options
- Intergrated LED driver with 3 phase track adaptor
- Surface mounted version upon request

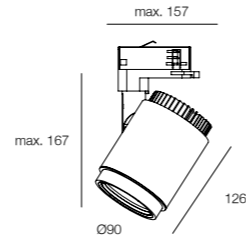


### 1-10V Version

#### MX 6370 - 131

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
8	Standard 11.9W	27	2700K	20	20°	80	White
9	Artist 16.3W	30	3000K	40	40°	10	Black
		35	3500K	60	60°		
		40	4000K				

- Xicato XIM Standard 1-10V 11.9W 1300lm 48V, CRI80+ LED Module
- Xicato XIM Artist 1-10V 16.3W 1300lm 48V, CRI95+ LED Module



#### MX 6370 - 2018

Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80	White
30	3000K	40	40°	10	Black
35	3500K	60	60°		
40	4000K				

- Xicato XIM Standard 1-10V 18.1W 2000lm 48V, CRI80+ LED Module

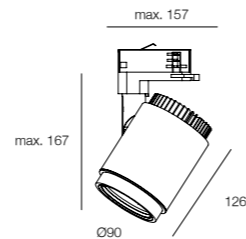


### DALI Version

#### MX 6371 - 131D

Code	Series	Code	CCT	Code	Beam Angle	Code	Colour
8	Standard 11.9W	27	2700K	20	20°	80	White
9	Artist 16.aaW	30	3000K	40	40°	10	Black
		35	3500K	60	60°		
		40	4000K				

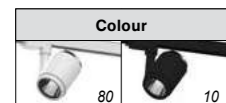
- Xicato XIM Standard DALI 11.9W 1300lm 48V, CRI80+ LED Module
- Xicato XIM Artist DALI 16.3W 1300lm 48V, CRI95+ LED Module



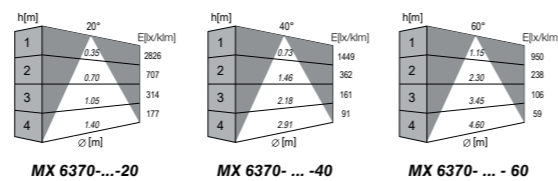
#### MX 6371 - 201D8

Code	CCT	Code	Beam Angle	Code	Colour
27	2700K	20	20°	80	White
30	3000K	40	40°	10	Black
35	3500K	60	60°		
40	4000K				

- Xicato XIM Standard DALI 18.1W 2000lm 48V, CRI80+ LED Module



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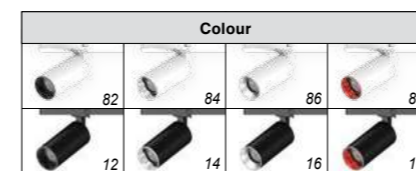
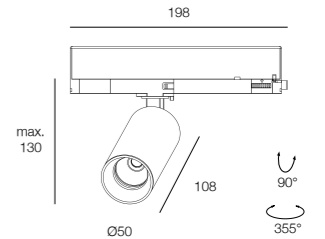


### 20°, 40°, 60° Version

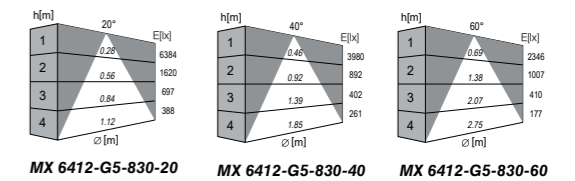
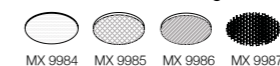
#### MX 6412 - G5

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	20	20°	82	White Body & Black Reflector
9	90	30	3000K	40	40°	84	White Body & Silver Reflector
		35	3500K	60	60°	86	White Body & Sandblasted Reflector
		40	4000K			89	White Body & Rose Gold Reflector
						12	Black Body & Black Reflector
						14	Black Body & Silver Reflector
						16	Black Body & Sandblasted Reflector
						19	Black Body & Rose Gold Reflector

- COB LED Module 17.9W 500mA 2848lm, CRI80 Intergrated driver
- COB LED Module 17.9W 500mA 2408lm, CRI90 Intergrated driver



Accessories See Page 131



## Armbox IB

- Tracklight with 3-phase adaptor for LED Module
- Beam angle available in 11°, 18°, 28° and 42°
- Aluminium body available in 2 colours
- Integrated LED driver
- Surface mounted version upon request



# Concise Guide

**Beam angle** is the measurement of the fixtures light output angle until the output has fallen off to 50%. Knowing how much "usable" light the fixture puts out in a fairly even field.

**Field angle** is the measurement of the fixtures light output angle until the output has fallen off to 10%. This angle tells you how far the light reaches until it basically fades into the darkness.

new

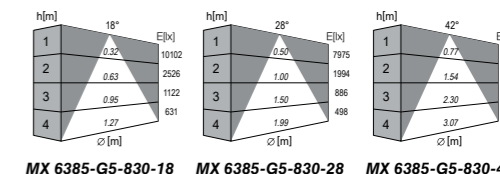
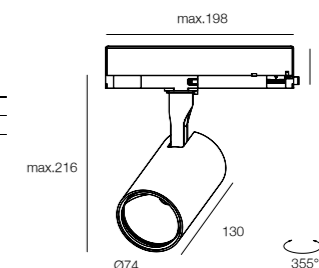


18°, 28°, 42° Version

MX 6385 - G5 - [ ] - [ ] - [ ]

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	80	White
9	90	30	3000K	28	28°	10	Black
		35	3500K	42	42°		
		40	4000K				

- COB LED Module 24.5W 850mA 4132lm, CRI80 Integrated Driver
- COB LED Module 24.5W 850mA 3440lm, CRI90 Integrated Driver



MX 6385-G5-830-18    MX 6385-G5-830-28    MX 6385-G5-830-42

new

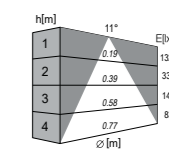
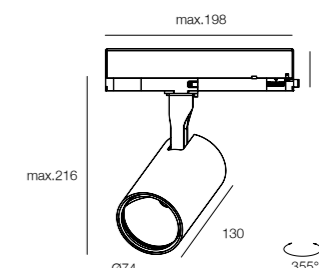


Narrow Spot 11° Version

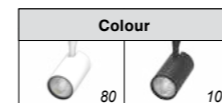
MX 6386 - G5 - [ ] - 11 - [ ]

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80	White
9	90	30	3000K	10	Black
		40	4000K		

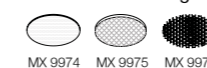
- COB LED Module 22W 600mA 3202lm, CRI80 Integrated Driver
- COB LED Module 22W 600mA 2504lm, CRI90 Integrated Driver



MX 6386 - G5-830-11

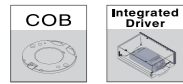


Accessories See Page 130



# Tracbox COB IB

- Tracklight with 3-phase adaptor for LED Module
- Beam angle available in 18°, 28° and 42°
- Aluminium body available in 2 colours
- Integrated LED driver
- Surface mounted version upon request



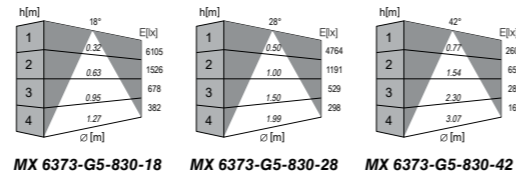
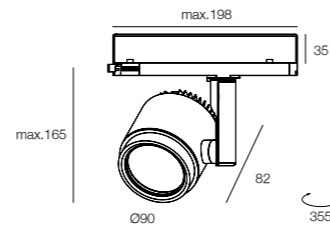
new

### Standard Version

#### MX 6373 - G5 -

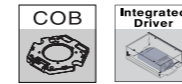
Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	80	White
9	90	30	3000K	28	28°	10	Black
		35	3500K	42	42°		
		40	4000K				

- COB LED Module 13.8W 500mA 2395lm, CRI80 Intergrated driver
- COB LED Module 13.8W 500mA 1987lm, CRI90 Intergrated driver



# Mini Armbox

- Tracklight with single-phase adaptor for LED Module
- Beam angle available in 16°, 26° and 38°
- Adjsutable beam angle version available
- Aluminium body available in 2 colours
- Integrated LED driver
- Surface mounted version upon request

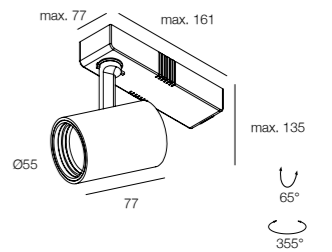


new

### MX 6384 - G5 -

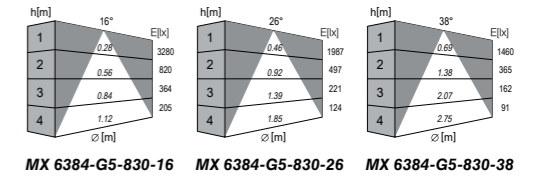
Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80	White
9	90	30	3000K	26	26°	10	Black
		35	3500K	38	38°		
		40	4000K				

- COB LED Module 9.1W 350mA 1388lm, CRI80 Intergrated driver
- COB LED Module 9.1W 350mA 1150lm, CRI90 Intergrated driver



**Colour**

**Accessories See Page 131**



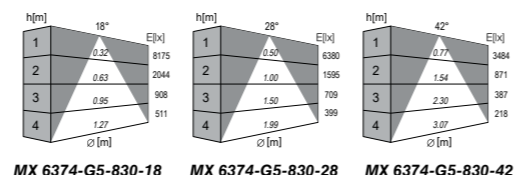
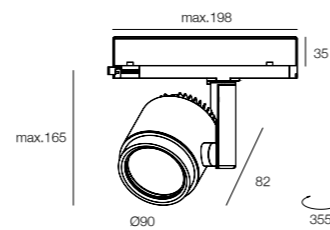
new

### High-Power Version

#### MX 6374 - G5 -

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	80	White
9	90	30	3000K	28	28°	10	Black
		35	3500K	42	42°		
		40	4000K				

- COB LED Module 19.8W 700mA 3256lm, CRI80 Intergrated driver
- COB LED Module 19.8W 700mA 2700lm, CRI90 Intergrated driver



**Colour**

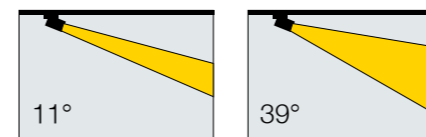
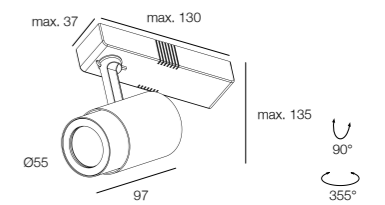
**Accessories See Page 130**

### Adjustable Beam Angle Version

#### MX 6383- G5 -

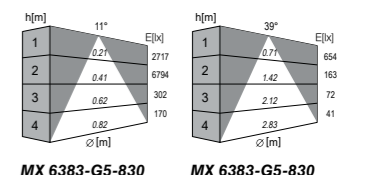
Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80	White
9	90	30	3000K	10	Black
		35	3500K		
		40	4000K		

- COB LED Module 9.1W 350mA 1388lm, CRI80 Intergrated driver
- COB LED Module 9.1W 350mA 1150lm, CRI90 Intergrated driver



Adjustable beam angle from 11° - 39°

**Colour**



### Mini IB

- Tracklight with 3-phase adaptor for LED Module
- Beam angle available in 11°, 16°, 26° and 38°
- Aluminium body available in 2 colours
- Integrated LED driver
- Surface mounted version upon request

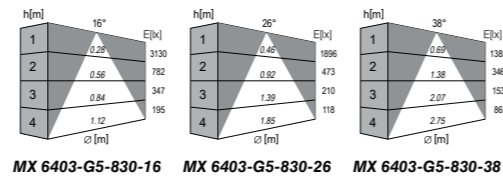
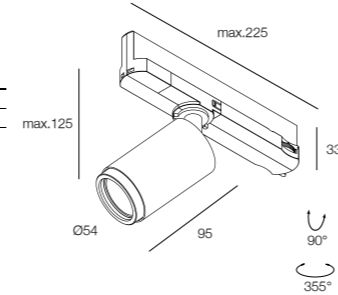


16°, 26°, 38° Version

**MX 6403 - G5 -** □ □ □ - □ □ □ - □ □ □

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	16	16°	80	White
9	90	30	3000K	26	26°	10	Black
		35	3500K	38	38°		
		40	4000K				

- COB LED Module 9.1W 350mA 1388lm, CRI80 Integrated driver
- COB LED Module 9.1W 350mA 1150lm, CRI90 Integrated driver



MX 6403-G5-830-16    MX 6403-G5-830-26    MX 6403-G5-830-38

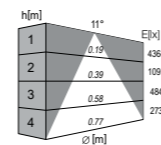
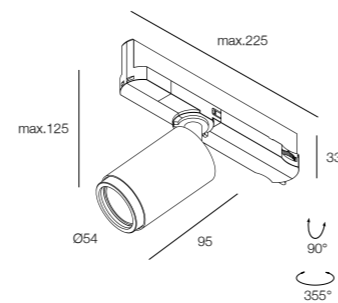


Narrow Spot 11° Version

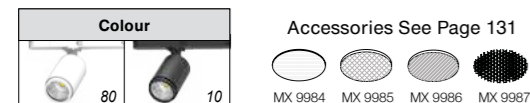
**MX 6404 - G4 -** □ □ □ - 11 - □ □ □

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80	White
9	90	30	3000K	10	Black
		40	4000K		

- COB LED Module 8.8W 250mA 1123lm, CRI80 Integrated driver
- COB LED Module 8.8W 250mA 1123lm, CRI90 Integrated driver



MX 6404-G4-830-11



### Rela

- Tracklight with 3-phase adaptor for LED Module
- Beam angle available in 11°, 18°, 28° and 42°
- Aluminium body available in 2 colours
- Integrated LED driver
- Surface mounted version upon request

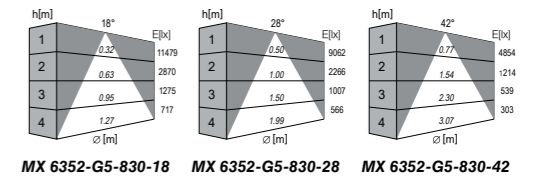
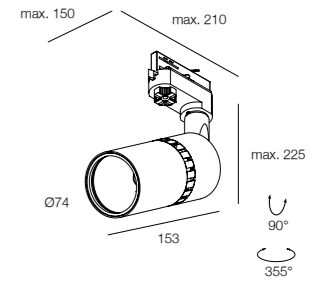


18°, 28°, 42° Version

**MX 6352 - G5 -** □ □ □ - □ □ □ - □ □ □

Code	CRI	Code	CCT	Code	Beam Angle	Code	Colour
8	80	27	2700K	18	18°	80	White
9	90	30	3000K	28	28°	10	Black
		35	3500K	42	42°		
		40	4000K				

- COB LED Module 18.3W 650mA 3043lm, CRI80 Integrated Driver
- COB LED Module 18.3W 650mA 2517lm, CRI90 Integrated Driver



MX 6352-G5-830-18    MX 6352-G5-830-28    MX 6352-G5-830-42

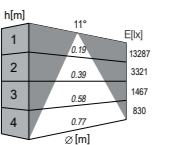
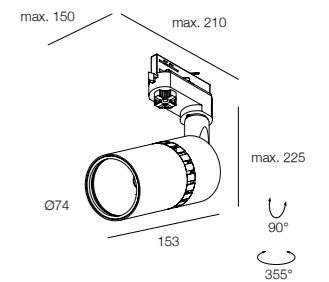


Narrow Spot 11° Version

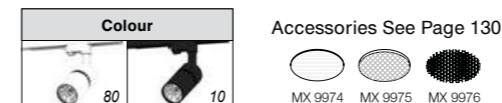
**MX 6353 - G4 -** □ □ □ - 11 - □ □ □

Code	CRI	Code	CCT	Code	Colour
8	80	27	2700K	80	White
9	90	30	3000K	10	Black
		40	4000K		

- 18.7W 650mA 2040lm COB LED Module, CRI80 Integrated Driver
- 18.7W 650mA 1670lm COB LED Module, CRI90 Integrated Driver



MX 6353-G4-830-11



# Troffer & Profile System

/ Index



99

**DIP**  
(Diffuser Version)



100

**DIP**  
(Diffuser with Air Slot Version)



101

**DIP**  
(Anti Glare Microfilm Version)



102

**DIP**  
(Anti Glare Microfilm with  
Air Slot Version)



103

**DIP**  
(Metal Mesh Hole Version)



104

**DIP**  
(Metal Mesh Hole with Air Slot Version)



105

**S-Extal**



106

**B-Extal**





# Insider Focal

## DIP

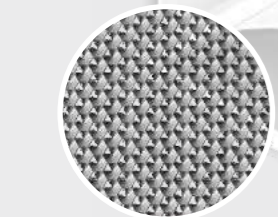
### Next Generation Green Lighting in Office

DIP LED Panel emits both direct and indirect illumination to maximise staff comfort with uniform light distribution in an office and commercial environment. With impressive visual comfort and dimming possibilities, DIP LED Panel can save up to 70% energy comparing to traditional T5 fluorescent.

The diffuser incorporates an innovative micro film that optimizes the control of beam angles and minimizes glare, so that a low Unified Glare Ratio can be achieved.

Powered by Philips Fortimo LED Module  
(High Efficiency)

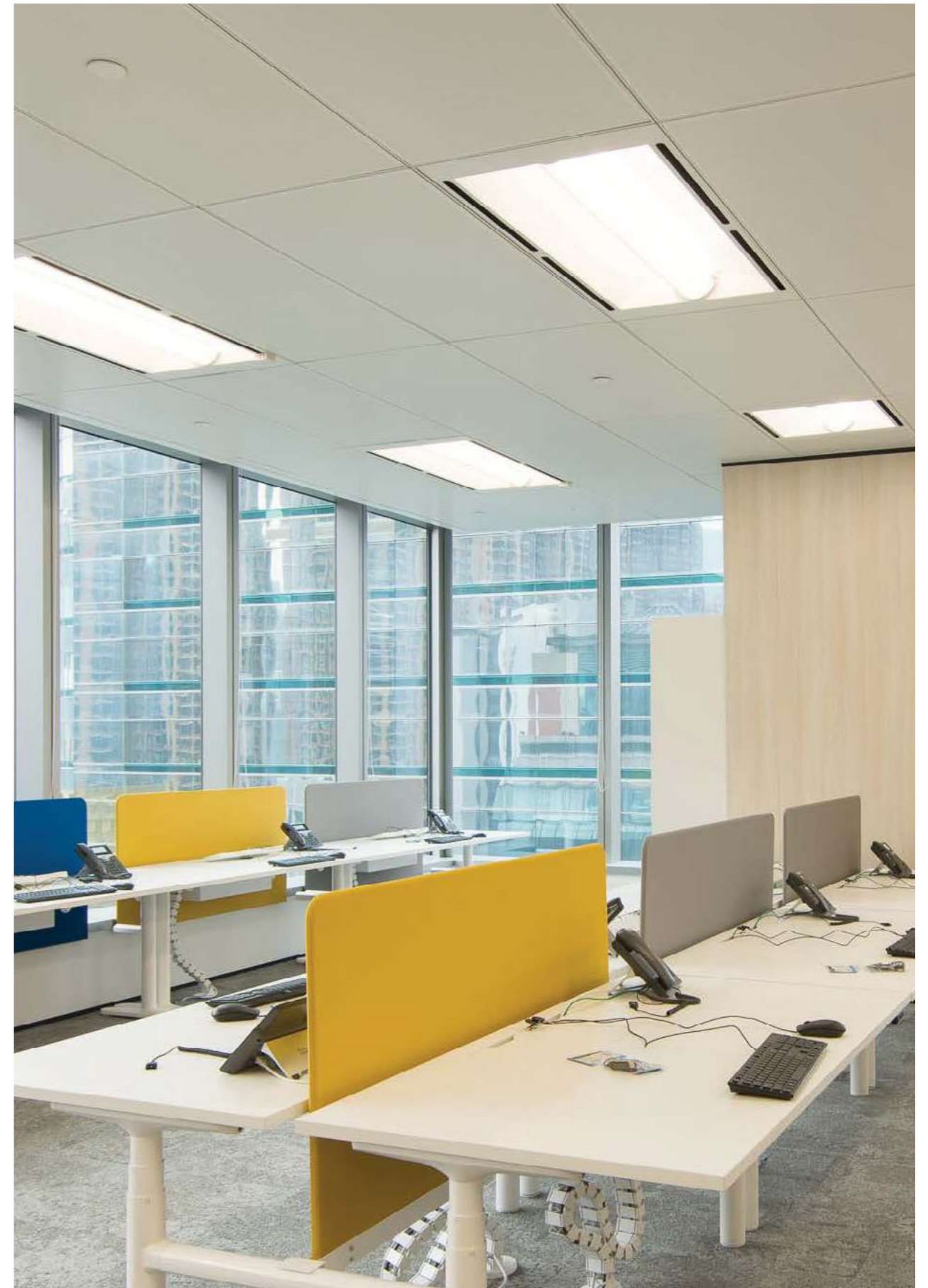
High Light  
transmission diffuser



Diffuser with Anti-Glare Film

Indirect Swing for comfort and  
soft illumination without hotspot

Integrate emergency  
power pack (Optional)



# Concise Guide

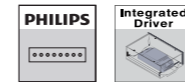
Semi-direct lighting concept offers a perfect balance between energy efficiency and lighting quality for office lighting.

## DIP (Diffuser Version)

- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Milky White Polycarbonate diffuser with glow wire test ready, high lighting transmission
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



Diffuser with Line Pattern

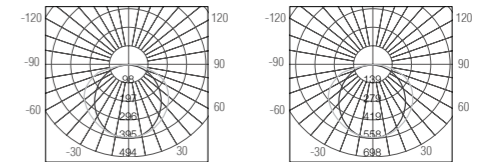
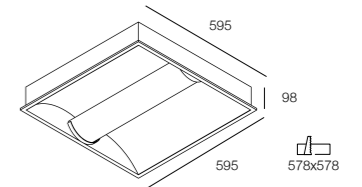


DIP 595 x 595mm

**MX 7398 - G5 - [ ] - [ ] W - 80**  
**MX 7398 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

Philips LED Module, Integrated Driver



MX 7398-G5-840-11W-80

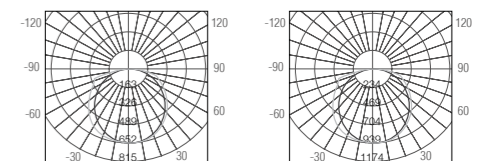
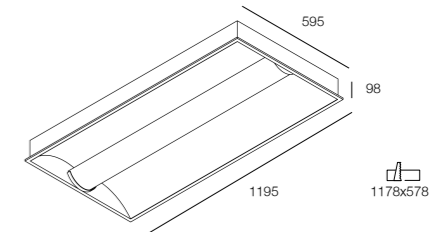
MX 7398-G5-840-16W-80

DIP 1195 x 595mm

**MX 7399 - G5 - [ ] - [ ] W - 80**  
**MX 7399 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				

Philips LED Module, Integrated Driver



MX 7399-G5-840-23W-80

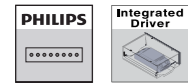
MX 7399-G5-840-32W-80

### Emergency Power Pack

Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7398 - ...- .. W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7399 - ...- .. W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

### DIP (Diffuser with Air Slot Version)

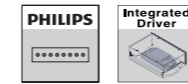
- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Milky White Polycarbonate diffuser with glow wire test ready, high lighting transmission
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



Diffuser with Line Pattern

### DIP (Anti Glare Microfilm Version)

- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Anti glare microfilm applied to reduce overall UGR
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



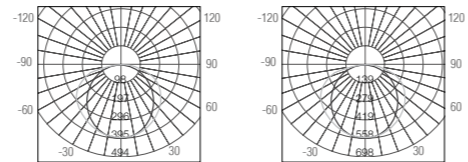
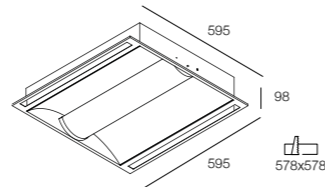
Diffuser with Anti-Glare Film

DIP 595 x 595mm

**MX 7398AS - G5 - [ ] - [ ] W - 80**  
**MX 7398AS - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

[ ] Philips LED Module, Integrated Driver



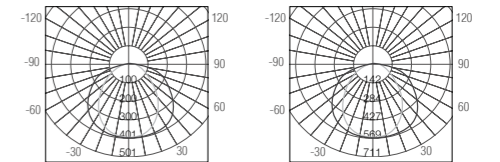
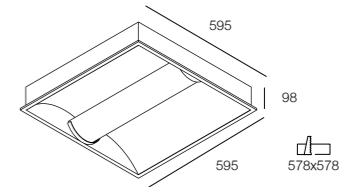
MX 7398AS-G5-840-11W-80    MX 7398AS-G5-840-16W-80

DIP 595 x 595mm

**MX 7496 - G5 - [ ] - [ ] W - 80**  
**MX 7496 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

[ ] Philips LED Module, Integrated Driver



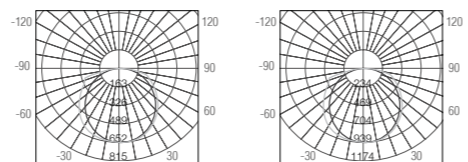
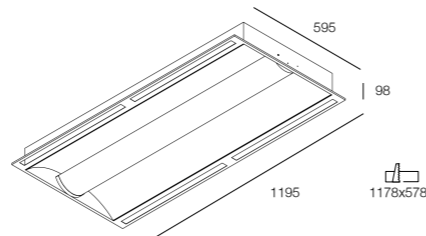
MX 7496-G5-840-11W-80    MX 7496-G5-840-16W-80

DIP 1195 x 595mm

**MX 7399AS - G5 - [ ] - [ ] W - 80**  
**MX 7399AS - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				

[ ] Philips LED Module, Integrated Driver



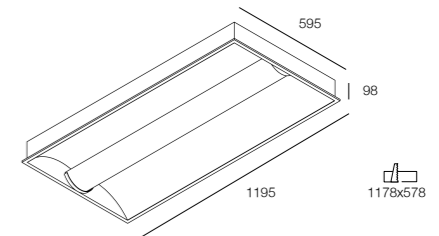
MX 7399AS-G5-840-23W-80    MX 7399AS-G5-840-32W-80

DIP 1195 x 595mm

**MX 7497 - G5 - [ ] - [ ] W - 80**  
**MX 7497 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				

[ ] Philips LED Module, Integrated Driver



MX 7497-G5-840-23W-80    MX 7497-G5-840-32W-80

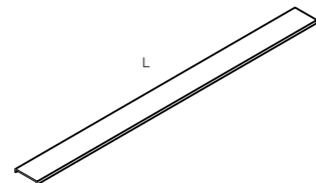
**new**

#### Accessory

#### Air Slot Cover Plate

**MX AS-600**  
Length 591mm

**MX AS-1200**  
Length 1191mm



#### Emergency Power Pack

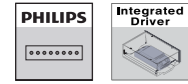
Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7398AS - .... W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7399AS - .... W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

#### Emergency Power Pack

Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7496 - .... W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7497 - .... W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

### DIP (Anti Glare Microfilm with Air Slot Version)

- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Anti glare microfilm apply to reduce overall UGR
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



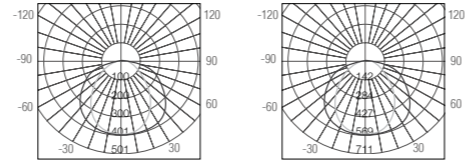
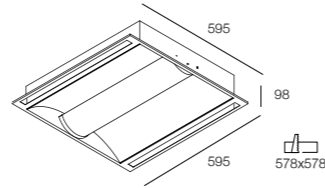
Diffuser with Anti-Glare Film

DIP 595 x 595mm

**MX 7496AS - G5 - [ ] - [ ] W - 80**  
**MX 7496AS - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

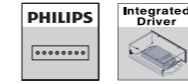
Philips LED Module, Integrated Driver



MX 7496AS-G5-840-11W-80    MX 7496AS-G5-840-16W-80

### DIP (Metal Mesh Hole Version)

- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Mesh hole metal front plate
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



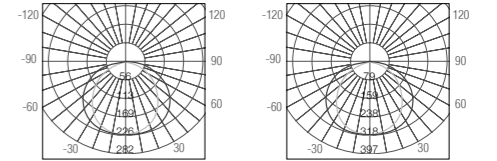
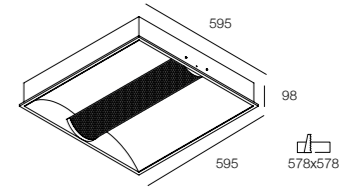
Metal Mesh Hole

DIP 595 x 595mm

**MX 7498 - G5 - [ ] - [ ] W - 80**  
**MX 7498 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

Philips LED Module, Integrated Driver



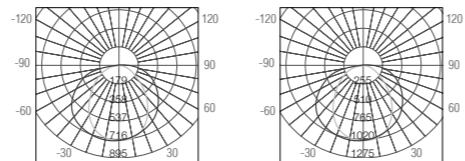
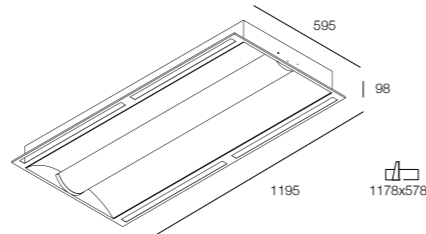
MX 7498-G5-840-11W-80    MX 7498-G5-840-16W-80

DIP 1195 x 595mm

**MX 7497AS - G5 - [ ] - [ ] W - 80**  
**MX 7497AS - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				

Philips LED Module, Integrated Driver



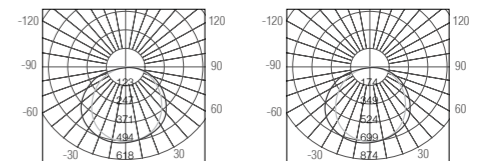
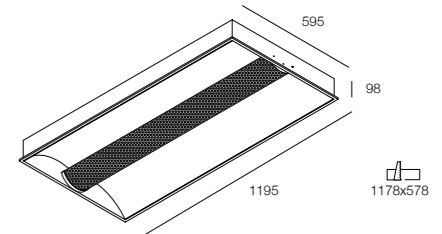
MX 7497AS-G5-840-23W-80    MX 7497AS-G5-840-32W-80

DIP 1195 x 595mm

**MX 7499 - G5 - [ ] - [ ] W - 80**  
**MX 7499 - G5 - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				

Philips LED Module, Integrated Driver



MX 7499-G5-840-23W-80    MX 7499-G5-840-32W-80

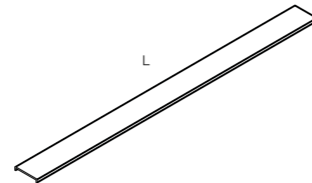
New

#### Accessory

#### Air Slot Cover Plate

**MX AS-600**  
Length 591mm

**MX AS-1200**  
Length 1191mm



#### Emergency Power Pack

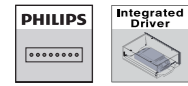
Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7496AS - .... W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7497AS - .... W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

#### Emergency Power Pack

Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7498 - .... W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7499 - .... W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

## DIP (Metal Mesh Hole with Air Slot Version)

- Direct and indirect lighting concept, soft lighting effect for office setting
- CRI80, 3000K/ 4000K options
- Mesh hole metal front plate
- SCDM Step 3, high colour temperature stability
- Zhaga-Comply LED product
- Custom size upon request



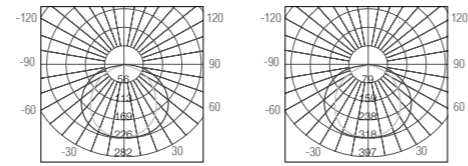
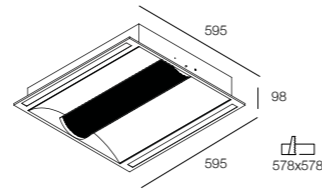
Metal Mesh Hole

DIP 595 x 595mm

**MX 7498AS - G5 - [ ] - [ ] - [ ] - [ ] W - 80**

**MX 7498AS - G5 - [ ] - [ ] - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	11	11.3W 350mA 2140lm
A	1-10V	840	4000K	16	16.2W 500mA 3058lm
N	Non-Dimmable				

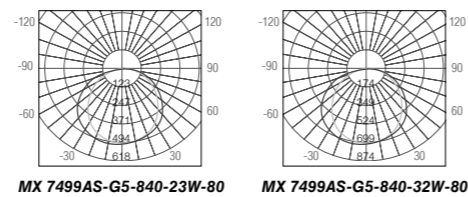
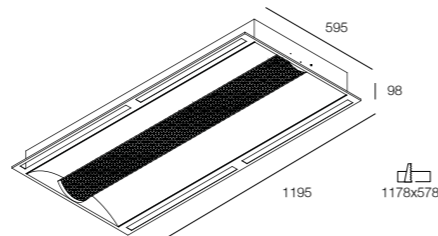


DIP 1195 x 595mm

**MX 7499AS - G5 - [ ] - [ ] - [ ] - [ ] W - 80**

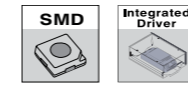
**MX 7499AS - G5 - [ ] - [ ] - [ ] - [ ] W - 80EB** (for Emergency Power Pack)

Code	Driver Type	Code	CCT	Code	LED Module
D	DALI	830	3000K	23	23W 700mA 4280lm
A	1-10V	840	4000K	32	32.4W 1000mA 6116lm
N	Non-Dimmable				



## S-Extal

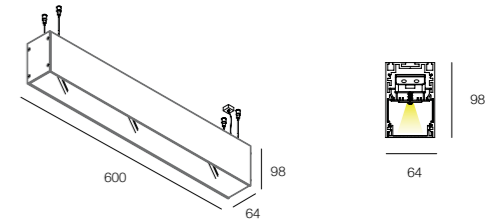
- LED system in extrusion aluminium body
- Polycarbonate diffuser
- Custom lengths available
- Provided with mounting accessories
- Integrated LED Driver
- Custom size upon request



**MX 5508D9P - G2 - 600 - [ ] - [ ] - [ ]**

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

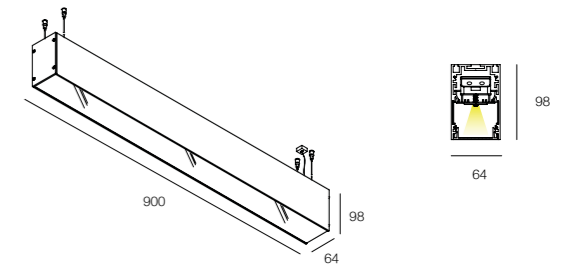
13W 700mA 1400lm LED, Integrated LED driver



**MX 5508D9P - G2 - 900 - [ ] - [ ] - [ ]**

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

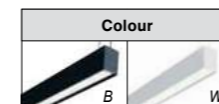
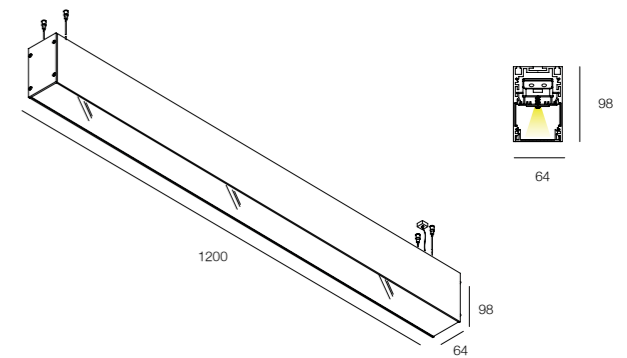
19W 1050mA 2100lm LED, Integrated LED driver



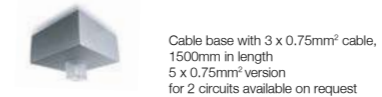
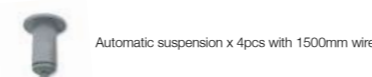
**MX 5508D9P - G2 - 1200 - [ ] - [ ] - [ ]**

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

25W 1400mA 2800lm LED, Integrated LED driver



**Accessory**  
Mounting Accessories included in each set

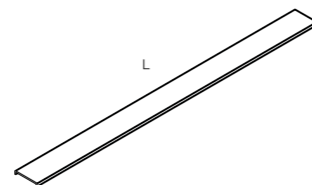


**new** Accessory

**Air Slot Cover Plate**

**MX AS-600**  
Length 591mm

**MX AS-1200**  
Length 1191mm

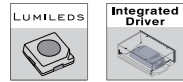


**Emergency Power Pack**

Ordering Code	Matching With	Specification
<b>EC EK-LED020-K2</b>	For MX 7498AS - .... W - 80 EB	180mA, 2hrs, 980lm. Full set will be integrated in DIP
<b>EC EK-LED021-K2</b>	For MX 7499AS - .... W - 80 EB	360mA, 2hrs, 1900lm. Full set will be integrated in DIP

## B-Extal

- LED system in extrusion aluminium body
- Frosted White Polycarbonate diffuser
- Custom lengths available
- Provided with mounting accessories
- Integrated LED Driver
- Custom size upon request

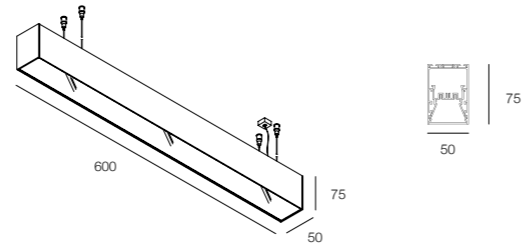


new

### MX 5510D9P - 600 - [ ] - [ ]

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

24V 13W 1400lm LED, Integrated LED driver

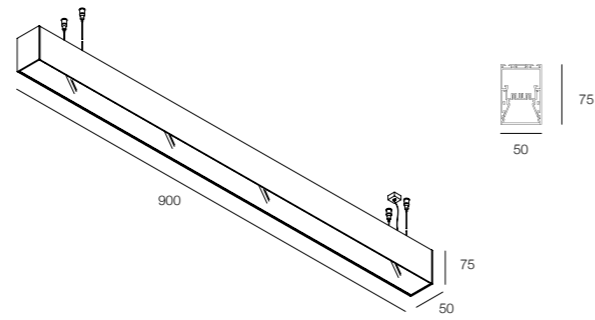


new

### MX 5510D9P - 900 - [ ] - [ ]

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

24V 19W 2100lm LED, Integrated LED driver

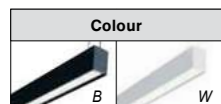
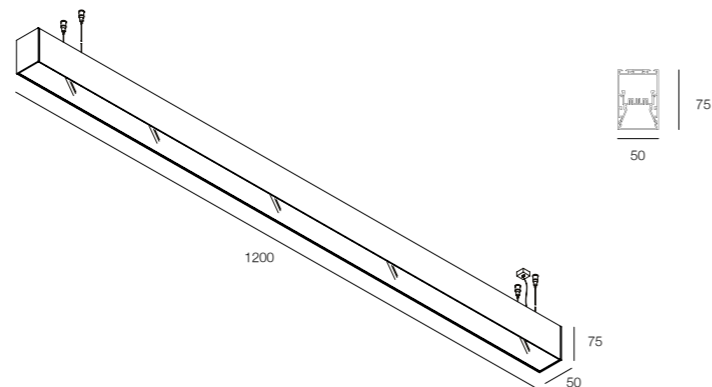


new

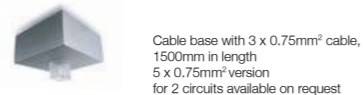
### MX 5510D9P - 1200 - [ ] - [ ]

Code	CCT	Code	Aluminium Housing Colour
827	2700K	B	Black Body
830	3000K	W	White Body
840	4000K		

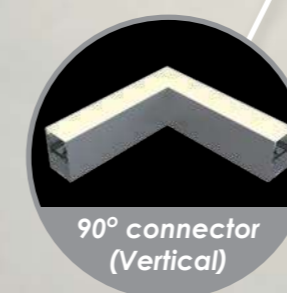
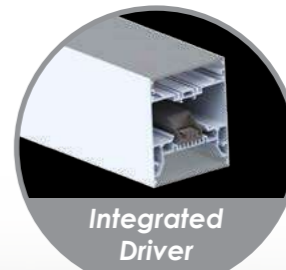
24V 25W 2800lm LED, Integrated LED driver



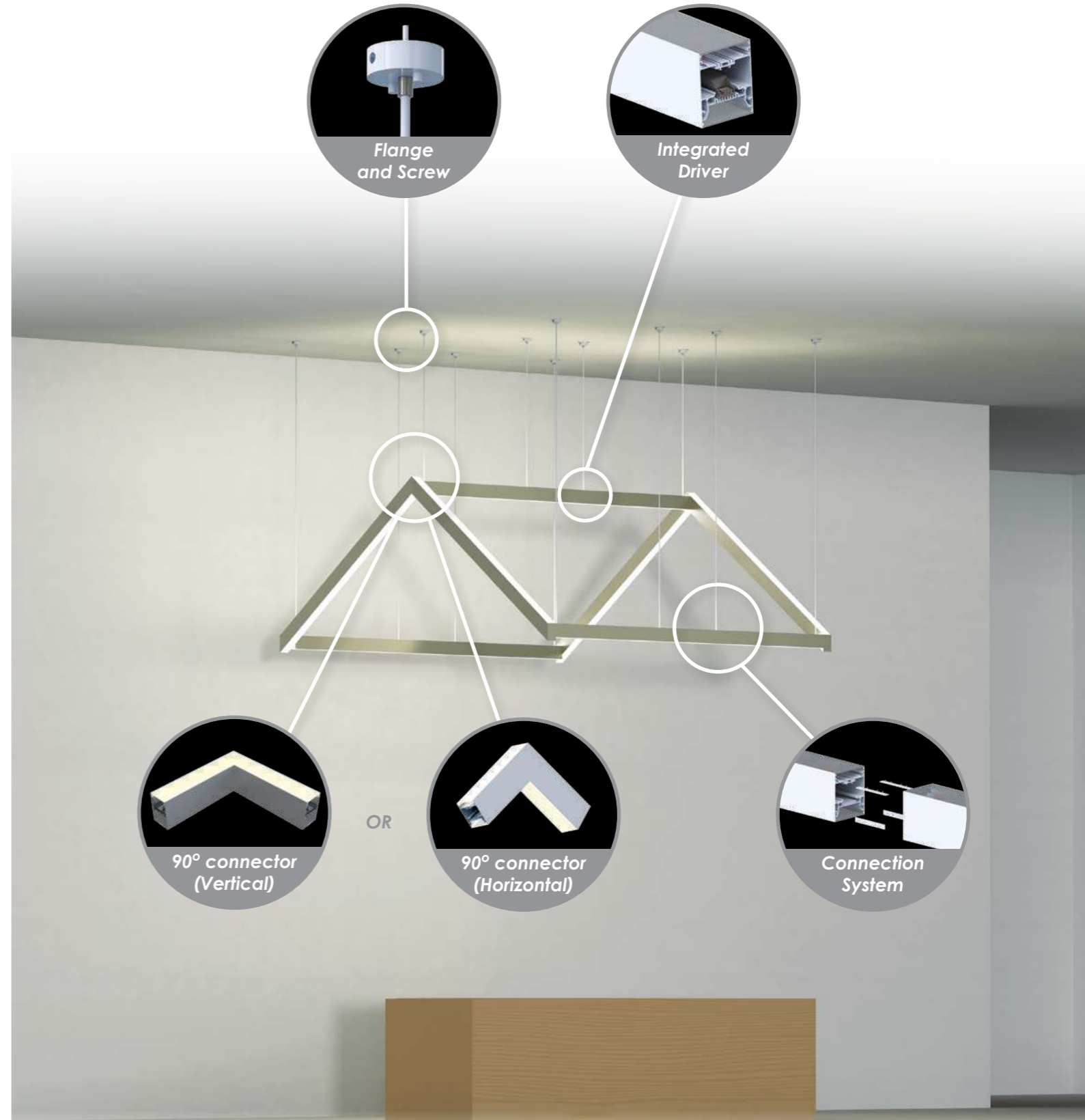
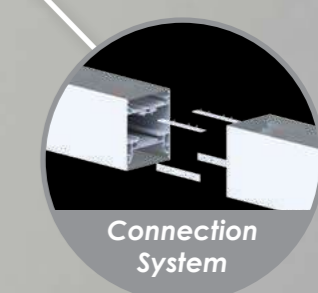
**Accessory**  
Mounting Accessories included in each set



## Profile System Design Parts & Accessories



OR



# MR16 LED Retrofit

/ Index



110

Glee



111

Glee Wallwasher



112

Glee Spot



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Pin Hole



114

Pin Slot



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Space



116

Atec



117

Renia



118

Mini Trim



119

Mini Trim Sq



121

Pin Hole Sq



122

Multi Mini AT



122

Multi Mini AT



122

Multi Mini AT



122

Multi Mini AT



123

Multi Mini Trimless AT



124

Multi Super Mini



124

Multi Super Mini



125

Multi Super Mini Trimless



126

Cybox Mini



126

Cybox Mini



127

Multi Box Mini AT



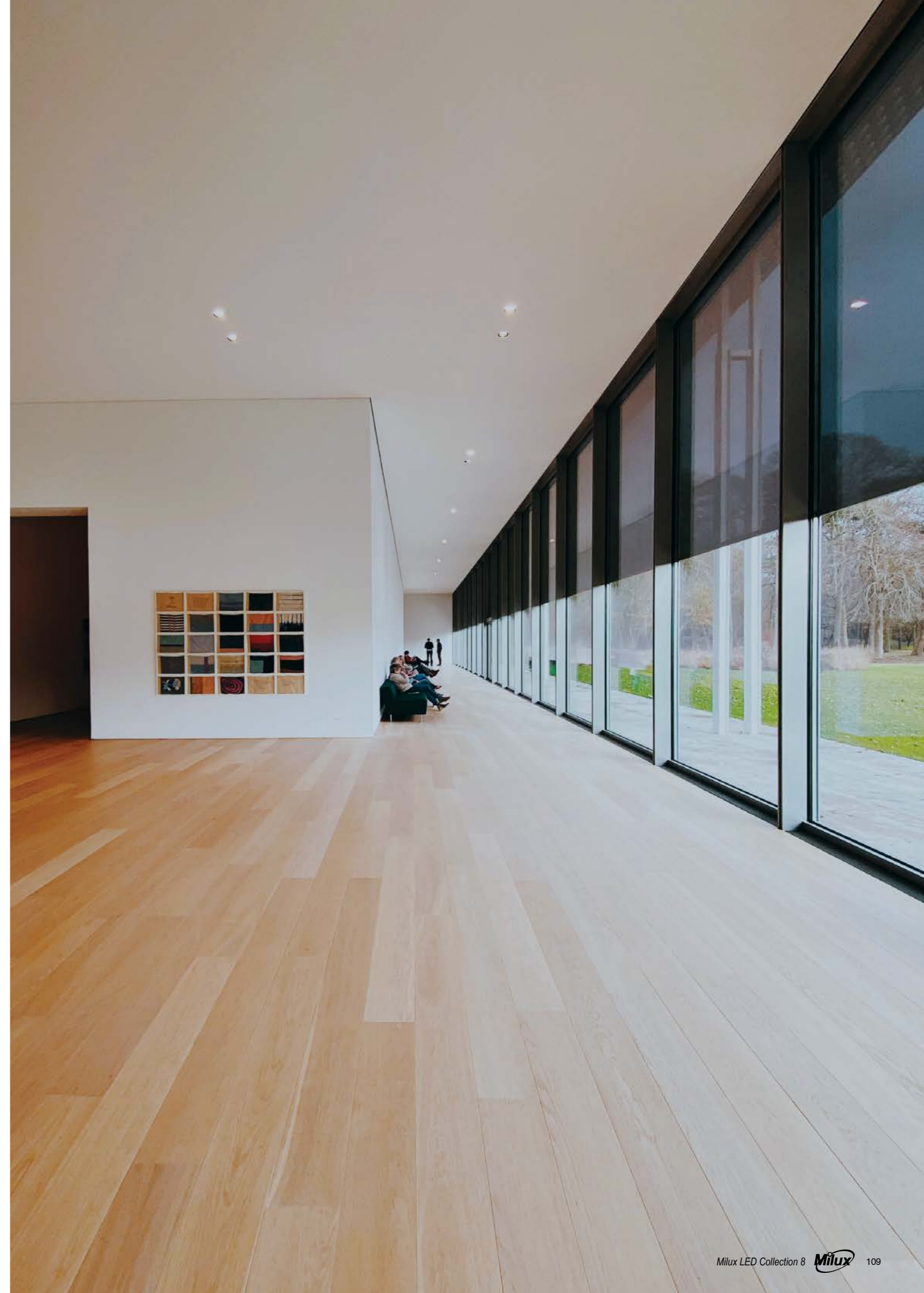
127

Multi Box Mini AT



127

Multi Box Mini AT



# Glee

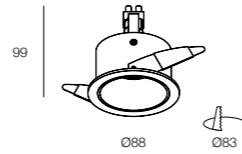
- Recessed downlight for MR16
- Die cast aluminium trim
- Seperate order of electronic transformer available upon request



**MX 5474 - M -**

Code	Colour
82	White Trim & Black Reflector
84	White Trim & Silver Reflector
86	White Trim & Sandblasted Reflector
89	White Trim & Rose Gold Reflector

1 x GU 5.3 LED Retrofit MR16



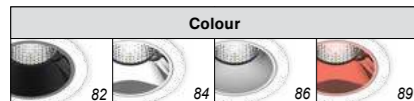
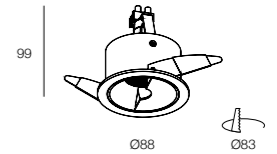
# Glee Wallwasher

- Die cast aluminium trim
- Polycarbonate wallwasher optics with frosted diffuser
- Seperate order of electronic transformer available upon request

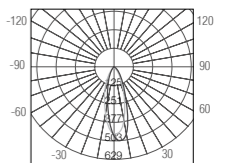
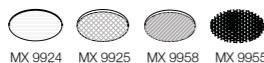


**MX 5477 - M - 84**

1 x GU 5.3 LED Retrofit MR16  
 \*Only for MR16 LED Retrofit 24° or 25° Beam Angle



Accessories See Page 130



MX 5477



# Glee Spot

- Die cast aluminium trim
- Polycarbonate secondary optics with various colour options
- Offset tilting adjustment and rotation allowed, maximise the effective tilting angle
- Seperate order of electronic transformer available upon request



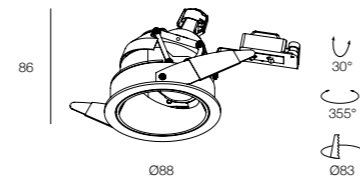
NEW

## Offset Tilting Version

**MX 5476 - M -** □ □

Code	Colour
82	White Trim & Black Reflector
84	White Trim & Silver Reflector
86	White Trim & Sandblasted Reflector
89	White Trim & Rose Gold Reflector

1 x GU 5.3 LED Retrofit MR16



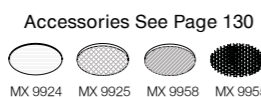
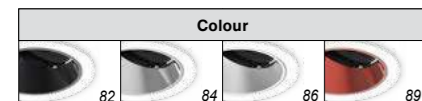
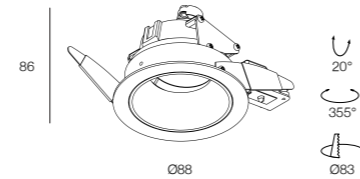
NEW

## Adjustable Version

**MX 5495 - M -** □ □

Code	Colour
82	White Trim & Black Reflector
84	White Trim & Silver Reflector
86	White Trim & Sandblasted Reflector
89	White Trim & Rose Gold Reflector

1 x GU 5.3 LED Retrofit MR16



Accessories See Page 130

# Pin Hole

- Recessed downlight for MR16
- Adjustable and fixed version available
- Die cast aluminium body available in 2 colours
- Seperate order of electronic transformer available upon request



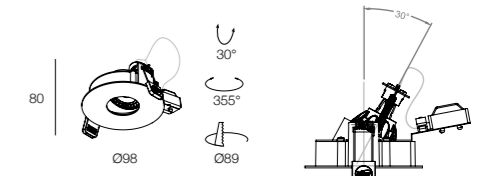
NEW

## Adjustable Version

**MX 5851 -** □ □

Code	Colour
- Blank -	Standard Mount
F	Flush Mount Kit/ Installation Kit
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

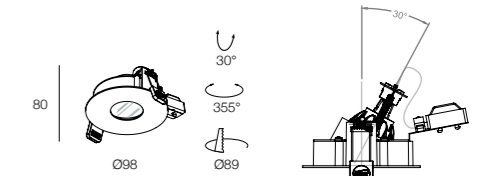


## Adjustable Version with Cover Glass, IP55

**MX 5851C -** □ □

Code	Colour
- Blank -	Standard Mount
F	Flush Mount Kit/ Installation Kit
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

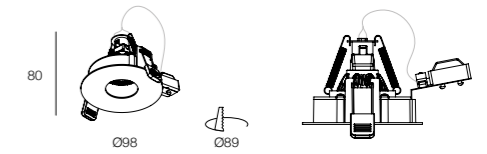


## Fixed Version

**MX 5852 -** □ □

Code	Colour
- Blank -	Standard Mount
F	Flush Mount Kit/ Installation Kit
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

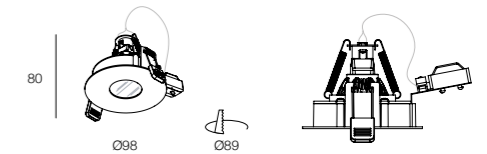


## Fixed Version with Cover Glass, IP55

**MX 5852C -** □ □

Code	Colour
- Blank -	Standard Mount
F	Flush Mount Kit/ Installation Kit
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

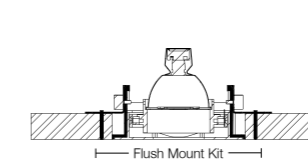


NEW

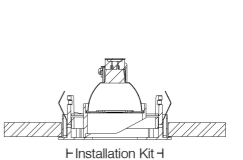
## Accessory ( \*Match with Flush Mount Kit/ Installation Kit Version )

Flush Mount Kit  
**MX 3921 -** □ □

Code	Colour
80	White
10	Black



Installation Kit  
**MX 3924 - 10**




## Pin Slot

- Recessed downlight for MR16
- Die cast aluminium body available in 2 colours
- Seperate order of electronic transformer available upon request



## Space

- Recessed downlight for MR16
- Die cast aluminium body in 2 colours
- Seperate order of electronic transformer available upon request

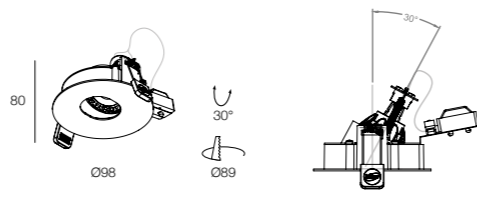
**Adjustable Version**

**MX 5853 -**

Code	Colour
- Blank	Standard Mount
<b>80</b>	White
<b>10</b>	Black

F Flush Mount Kit/ Installation Kit

1 x GU 5.3 LED Retrofit MR16



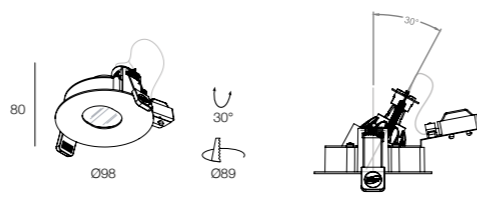
**Adjustable Version with Cover Glass, IP55**

**MX 5853C -**

Code	Colour
- Blank	Standard Mount
<b>80</b>	White
<b>10</b>	Black

F Flush Mount Kit/ Installation Kit

1 x GU 5.3 LED Retrofit MR16




**MX 5858 -**

Code	Colour
<b>80B</b>	White
<b>10B</b>	Black

1 x GU 5.3 LED Retrofit MR16

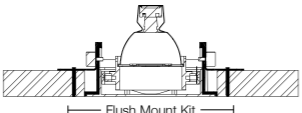


**Accessory ( \*Match with Flush Mount Kit/ Installation Kit Version )**

**Flush Mount Kit**

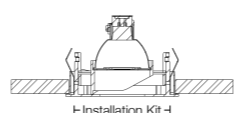
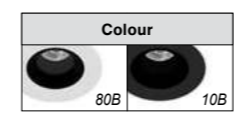
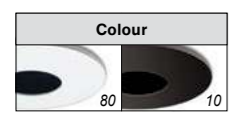
**MX 3921 -**

Code	Colour
<b>80</b>	White
<b>10</b>	Black



**Installation Kit**

**MX 3924 - 10**

## Atec

- Recessed downlight for MR16
- Adjustable and fixed version available
- Seperate order of electronic transformer available upon request



## Renia

- Recessed downlight for MR16
- Die cast aluminium body available in 2 colours
- Adjustable and fixed version available
- Seperate order of electronic transformer available upon request



### Fixed Version

**MX 5860** -

Code	Colour
80B	White Trim & Black Tube
80W	White Trim & Tube
10B	Black Trim & Tube

1 x GU 5.3 LED Retrofit MR16

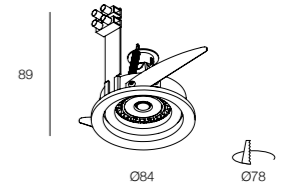


### Fixed Version

**MX 5838** -

Code	Colour
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

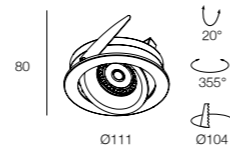


### Adjustable Version

**MX 5861** -

Code	Colour
80B	White Trim & Black Tube
80W	White Trim & Tube
10B	Black Trim & Tube

1 x GU 5.3 LED Retrofit MR16

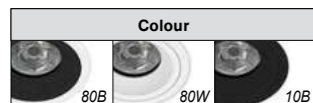
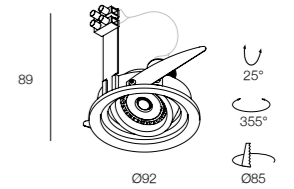


### Adjustable Version

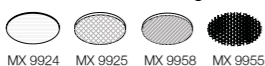
**MX 5837** -

Code	Colour
80	White
10	Black

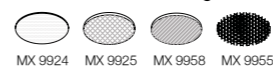
1 x GU 5.3 LED Retrofit MR16



Accessories See Page 130



Accessories See Page 130



## Mini Trim

- Recessed downlight for MR16
- Die cast aluminium body available in 2 colours
- Seperate order of electronic transformer available upon request

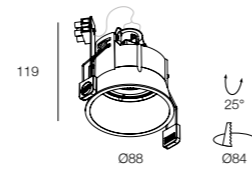


### Adjustable Version

**MX 5878** -

Code	Colour
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

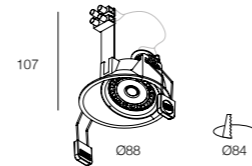


### Wallwasher Version

**MX 5879** -

Code	Colour
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16



## Mini Trim Sq

- Recessed downlight for MR16
- Die cast aluminium body available in 2 colours
- Seperate order of electronic transformer available upon request

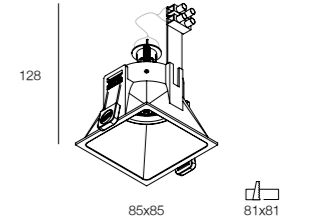


### Fixed Version

**MX 5874** -

Code	Colour
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

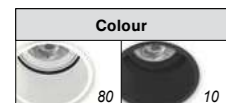
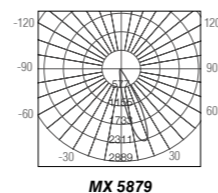
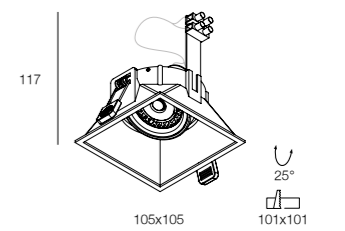


### Adjustable Version

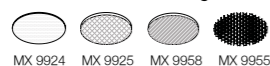
**MX 5875** -

Code	Colour
80	White
10	Black

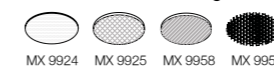
1 x GU 5.3 LED Retrofit MR16



Accessories See Page 130

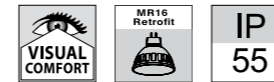


Accessories See Page 130



## Pin Hole Sq

- Recessed downlight for MR16
- Die cast aluminium body available in 2 colours
- Seperate order of electronic transformer available upon request



## Concise Guide

**Light output ratio (LOR)** measures the efficiency of the fixtures or luminaires that house a light bulb. The measurement is a percentage, derived by dividing lumens output from the luminaire by the lumens output from the bulb.

For example, you have a bulb with a lumen rating of 1000 Lumens and use it in a fixture with a LOR of 80%.

You would essentially receive 800 Lumens from the fixture once the bulb is installed, while 20% is lost lumens.

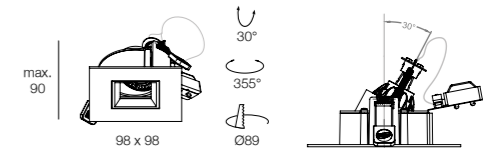


### Adjustable Version

#### MX 5855 -

Code	Colour		
- Blank	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

1 x GU 5.3 LED Retrofit MR16

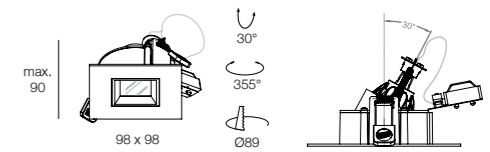


### Adjustable Version with Cover Glass, IP55

#### MX 5855C -

Code	Colour		
- Blank	Standard Mount	80	White
F	Flush Mount Kit/ Installation Kit	10	Black

1 x GU 5.3 LED Retrofit MR16



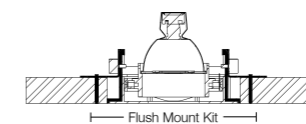
new

### Accessory ( \*Match with Flush Mount Kit/ Installation Kit Version )

Flush Mount Kit

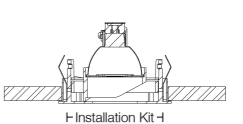
#### MX 3923 -

Code	Colour
80	White
10	Black

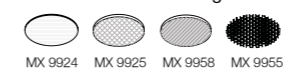


Installation Kit

#### MX 3924 - 10



Accessories See Page 130



## Multi Mini AT

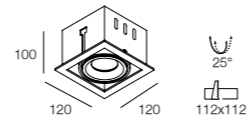
- Recessed downlight for MR16
- Metal trim and body in various colours
- Seperate order of electronic transformer available upon request



### MX 9112S - M - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

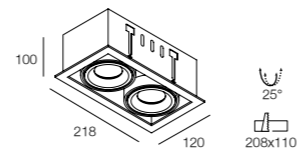
1 x GU 5.3 LED Retrofit MR16



### MX 9112D - MM - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

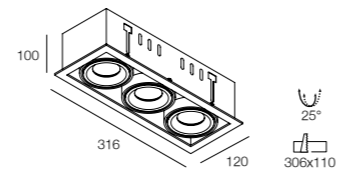
2 X 1 x GU 5.3 LED Retrofit MR16



### MX 9112T - MMM - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

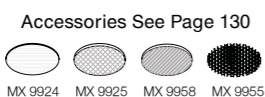
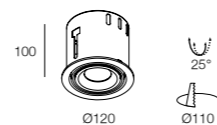
3 X 1 x GU 5.3 LED Retrofit MR16



### MX 9143 - M - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

1 x GU 5.3 LED Retrofit MR16



## Multi Mini Trimless AT

- Recessed downlight for MR16
- Metal trim and body in various colours
- Seperate order of electronic transformer available upon request

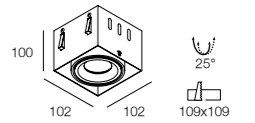


### MX 9162S - M - [ ] [ ] [ ]

Trimless Installation Kit  
MX TIK52S -

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

1 x GU 5.3 LED Retrofit MR16

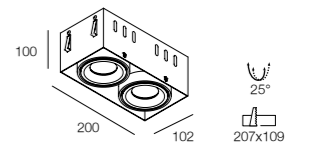


### MX 9162D - MM - [ ] [ ] [ ]

Trimless Installation Kit  
MX TIK52D -

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

2 X 1 x GU 5.3 LED Retrofit MR16

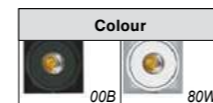
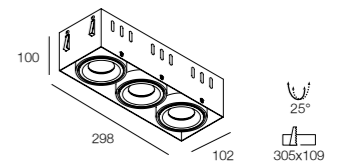


### MX 9162T - MMM - [ ] [ ] [ ]

Trimless Installation Kit  
MX TIK52T -

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

3 X 1 x GU 5.3 LED Retrofit MR16



## Multi Super Mini

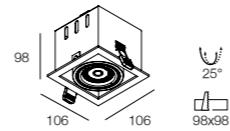
- Recessed downlight for MR16
- Metal body in various colours
- Seperate order of electronic transformer available upon request



### MX 9114S - M - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

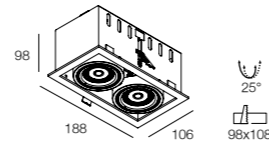
1 x GU 5.3 LED Retrofit MR16



### MX 9114D - MM - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

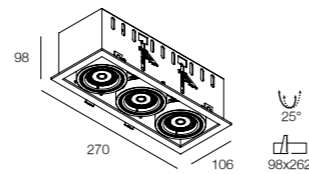
2 X 1 x GU 5.3 LED Retrofit MR16



### MX 9114T - MMM - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

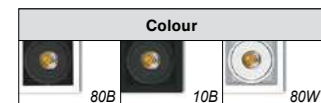
3 X 1 x GU 5.3 LED Retrofit MR16



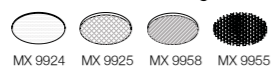
### MX 9115 - M - [ ] [ ] [ ]

Code	Colour
80B	White Trim & Black Body
10B	Black Trim & Body
80W	White Trim & Body

1 x GU 5.3 Max 50W or LED Retrofit MR16



Accessories See Page 130



## Multi Super Mini Trimless

- Recessed downlight for MR16
- Metal body in various colours
- Seperate order of electronic transformer available upon request

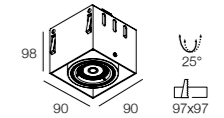


### MX 9116S - M - [ ] [ ] [ ]

Trimless Installation Kit  
MX TIK41LS - [ ] [ ] [ ]

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

1 x GU 5.3 LED Retrofit MR16

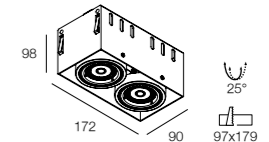


### MX 9116D - MM - [ ] [ ] [ ]

Trimless Installation Kit  
MX TIK41LD - [ ] [ ] [ ]

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

2 X 1 x GU 5.3 LED Retrofit MR16

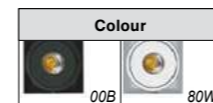
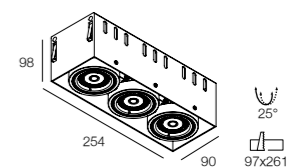


### MX 9116T - MMM - [ ] [ ] [ ]

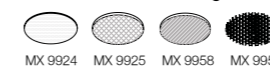
Trimless Installation Kit  
MX TIK41LT - [ ] [ ] [ ]

Code	Colour	Colour of Installation Kit
00B	Black Body	Black
80W	White Body	White

3 X 1 x GU 5.3 LED Retrofit MR16

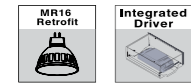


Accessories See Page 130



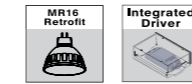
# Cybox Mini

- Tracklight with 3-phase adaptor for MR16
- Aluminium body available in 2 colours
- Surface mounted version available upon request
- Integrated electronic transformer



# Multi Box Mini AT

- Surface mounted downlight for MR16
- Aluminium housing and metal body available in different colours
- Integrated electronic transformer

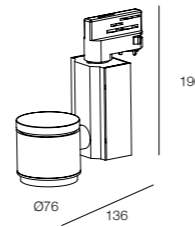


Vertical Gear Box Version

**MX 6839P- M -**

Code	Colour
80	White
10	Black

1 x GU 5.3 LED Retrofit MR16

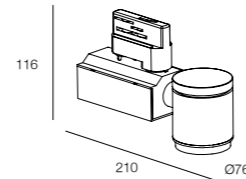


Horizontal Gear Box Version

**MX 6838P- M -**

Code	Colour
80	White
10	Black

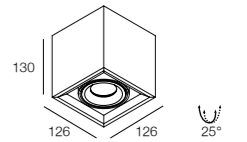
1 x GU 5.3 LED Retrofit MR16



**MX 9175S - M -**

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body

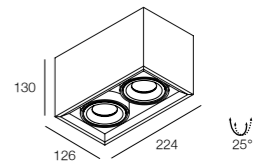
1 x GU 5.3 LED Retrofit MR16



**MX 9175D - MM -**

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body

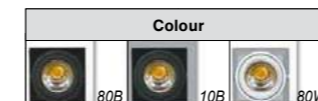
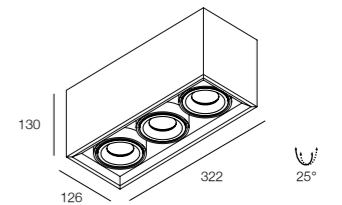
2 X 1 x GU 5.3 LED Retrofit MR16



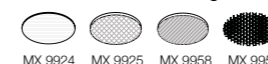
**MX 9175T - MMM -**

Code	Colour
80B	White Housing & Black Body
10B	Black Housing & Body
80W	White Housing & Body

3 X 1 x GU 5.3 LED Retrofit MR16



Accessories See Page 130






## Philips MR16 LED Retrofit

- LED MR16 lamp in GU5.3, 12V AC/DC
- High power LED apply
- 40,000 hours 70% lumen maintenance
- 3 beam angle, 3 colour temperature available
- Driven by electronic transformer

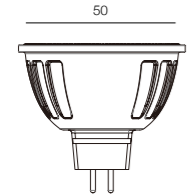
**new**



**P7 - M9D - [ ] - 6.5 - 9 [ ] K**

Code	Beam Angle	Code	CCT
24	24°	27	2700K
36	36°	30	3000K
		40	4000K

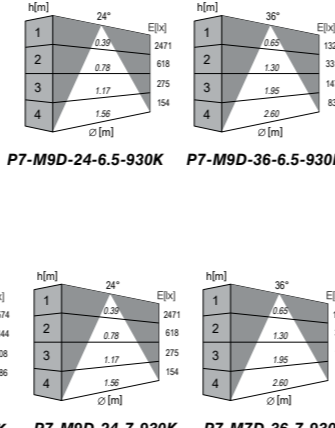
Philips 6.5W LED MR16, CRI90 (dimmable version)




**P7 - M9D - [ ] - 7 - 9 [ ] K**

Code	Beam Angle	Code	CCT
10	10°	27	2700K
24	24°	30	3000K
36	36°	40	4000K

Philips 7W LED MR16, CRI90 (dimmable version)



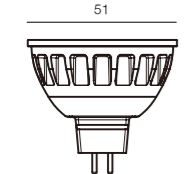
Beam angle diagrams showing height (h[m]), beam diameter (∅[m]), and illuminance (E[lx]) for various beam angles (10°, 24°, 36°) and distances (1, 2, 3, 4m).



**P7 - M8D - [ ] - 7.2 - 9 [ ] K**

Code	Beam Angle	Code	CCT
10	10°	27	2700K
24	24°	30	3000K
36	36°	40	4000K

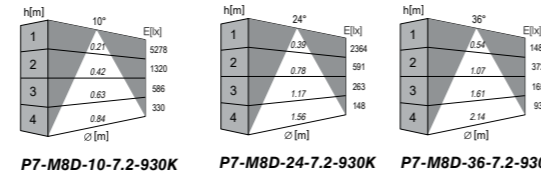
Philips Expert Colour 7.2W LED MR16, CRI97 (triac dimmable version)



**P7 - M8D - [ ] - 7.2 - 9 [ ] K**

Code	Beam Angle	Code	CCT
10	10°	27	2700K
24	24°	30	3000K
36	36°	40	4000K


Philips Expert Colour 7.2W LED MR16, CRI97 (triac dimmable version)



Beam angle diagrams showing height (h[m]), beam diameter (∅[m]), and illuminance (E[lx]) for various beam angles (10°, 24°, 36°) and distances (1, 2, 3, 4m).

## SORAA MR16 LED Retrofit

- LED MR16 lamp in GU5.3, 12V AC/DC
- High power LED apply
- 40,000 hours 70% lumen maintenance
- 3 beam angle, 3 colour temperature available
- CRI95+
- Driven by electronic transformer

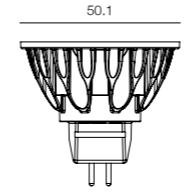


**SORAA 10° Version**

**V7 - M7D - 7.5 - 10 - [ ] [ ]**

Code	CCT
927	2700K
930	3000K
940	4000K

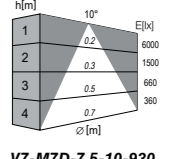
Soraa Vivid3 7.5W LED MR16, CRI95 (dimmable version)




**V7 - M7D - 7.5 - 10 - [ ] [ ]**

Code	CCT
927	2700K
930	3000K
940	4000K

Soraa Vivid3 7.5W LED MR16, CRI95 (dimmable version)



Beam angle diagram showing height (h[m]), beam diameter (∅[m]), and illuminance (E[lx]) for a 10° beam angle at distances 1, 2, 3, and 4m.

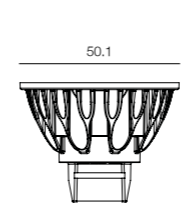


**SORAA 25°/36° Version**

**V7 - M7D - 7.5 - [ ] - [ ]**

Code	Beam Angle	Code	CCT
25	25°	927	2700K
36	36°	930	3000K
		940	4000K

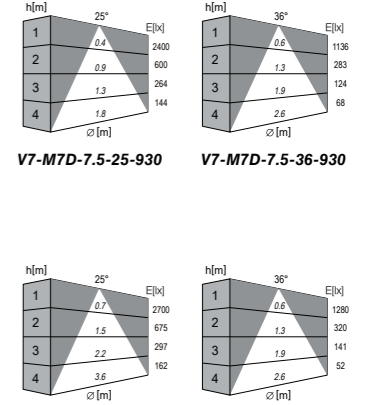
Soraa Vivid3 7.5W LED MR16, CRI95 (dimmable version)



**V7 - M7D - 9 - [ ] - [ ]**

Code	Beam Angle	Code	CCT
25	25°	927	2700K
36	36°	930	3000K

Soraa Vivid3 9W LED MR16, CRI95 (dimmable version)



Beam angle diagrams showing height (h[m]), beam diameter (∅[m]), and illuminance (E[lx]) for various beam angles (25°, 36°) and distances (1, 2, 3, 4m).

12V Step Down Transformer

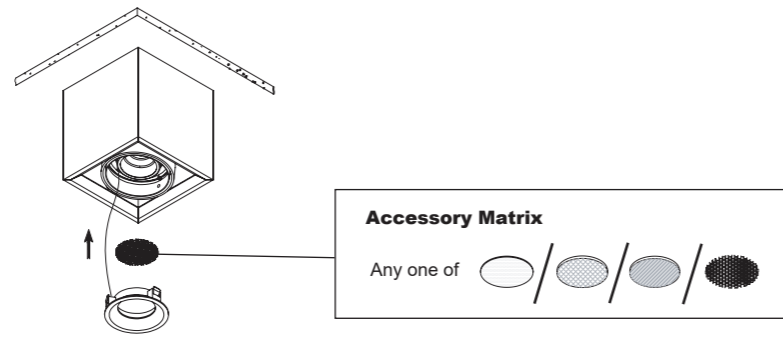
Ordering Code	Matching with Philips MR16 LED Retrofit	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LV12-E-10-PH(35)	1 pc	180 x 54 x 35	∅ 62

12V Step Down Transformer

Ordering Code	Matching with SORAA MR16 LED Retrofit	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LV12-E-30-OS(35)	1 pc	180 x 54 x 35	∅ 62

# Accessory

- Glass diffuser/ honey comb accessory for selected series
- 1 accessory can be used in one lamp head
- Accessories can be added after installation



## Ø50 Accessory for FreePlus Module, MR16 Retrofit, Glee, Glee Spot, Multi Box Mini, Multi Box Lite



**MX 9924**  
Frosted Glass Diffuser



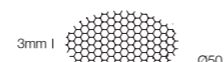
**MX 9925**  
Obscured Glass Diffuser



**MX 9958**  
Linear Spread Glass Diffuser



**MX 9955**  
Black Honey Comb Louvre



## Ø35 Accessory for Mini Glee and Mini Pin Hole



**MX 9980**  
Frosted Glass Diffuser



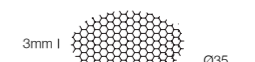
**MX 9981**  
Obscured Glass Diffuser



**MX 9982**  
Linear Spread Glass Diffuser



**MX 9983**  
Black Honey Comb Louvre



## Ø70 Accessory for Novas, Tracbox, Armbox, Multi Mini Xito, Multi Mini Spot, Rela



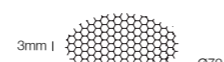
**MX 9974**  
Frosted Glass Diffuser



**MX 9975**  
Linear Spread Glass Diffuser



**MX 9976**  
Black Honey Comb Louvre



## Ø44 Accessory for Glek IB, Mini Armbox, Mini IB



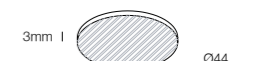
**MX 9984**  
Frosted Glass Diffuser



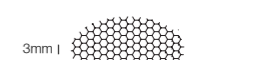
**MX 9985**  
Obscured Glass Diffuser



**MX 9986**  
Linear Spread Glass Diffuser



**MX 9987**  
Black Honey Comb Louvre



# LED Strip & Linear Profile

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LEDStrip Mini



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LEDStrip Duo



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LEDStrip S Pro



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LEDStrip L Pro



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LEDStrip Stick



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LEDStrip N Stick



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LEDStrip Pro Corner



## D-bar

- High Power LED wall washer
- Extrusion aluminium body
- 3 beam angle options in 30°, 50° and "25°x 35°"
- 3 CCT options in 2700K, 3000K and 4000K
- Provided with adjustable mounting clip
- Separate order of remote driver available upon request



new

### AP LU7130 - G6 - 18 - 605 - [ ] [ ] - [ ] [ ] [ ] [ ]

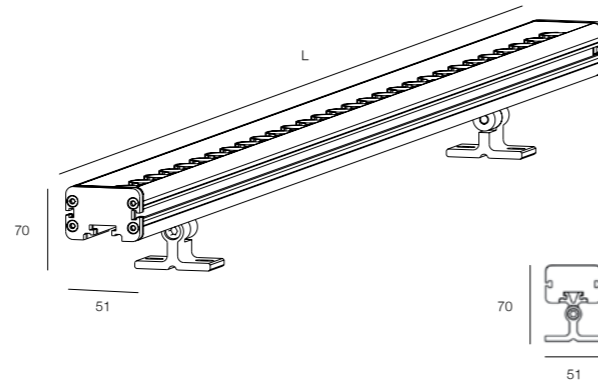
Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	3030	30°
9	90	30	3000K	5050	50°
		40	4000K	2535	25° x 35°

605mm, 18 x 1W LED, 24V 1800lm

### AP LU7130 - G6 - 36 - 1200 - [ ] [ ] - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	3030	30°
9	90	30	3000K	5050	50°
		40	4000K	2535	25° x 35°

1190mm, 36 x 1W LED, 24V 3600lm



## S-bar

- High Power LED wall washer
- Extrusion aluminium body
- 5 beam angle options in 10°, 20°, 35°, 50° and "10°x 40°"
- 3 CCT options in 2700K, 3000K and 4000K
- Provided with adjustable mounting clip
- Separate order of remote driver available upon request



new

### AP LU7131 - G6 - 12 - 500 - [ ] [ ] - [ ] [ ] [ ] [ ]

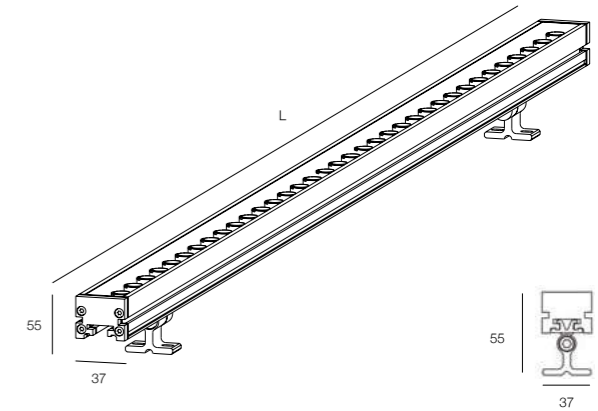
Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	1010	10°
9	90	30	3000K	2020	20°
		40	4000K	3535	35°
				5050	50°
				1040	10° x 40°

500mm, 12 x 1W LED, 24V 2364lm

### AP LU7131 - G6 - 24 - 1000 - [ ] [ ] - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Beam Angle
8	80	27	2700K	1010	10°
9	90	30	3000K	2020	20°
		40	4000K	3535	35°
				5050	50°
				1040	10° x 40°

1000mm, 24 x 1W LED, 24V 2364lm



new

### Accessory

#### AP LU3901 - [ ] [ ]

Code	Length
06	605mm
12	1200mm

Glare Shield for AP LU7130



#### AP LU3903 - [ ] [ ]

Code	Length
06	605mm
12	1200mm

Anti glare louver symmetric for AP LU7130



#### AP LU3902 - [ ] [ ]

Code	Length
06	605mm
12	1200mm

Anti glare louver asymmetric for AP LU7130



new

### Accessory

#### AP LU3912 - [ ] [ ]

Code	Length
06	605mm
12	1200mm

Anti glare louver asymmetric for AP LU7131



#### AP LU3913 - [ ] [ ]

Code	Length
06	605mm
12	1200mm

Anti glare louver symmetric for AP LU7131



### LED Driver

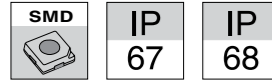
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-120-PH(24)	96W	D-bar 605/1200mm	24V DC	350 x 100 x 40	Ø110
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	300 x 100 x 40	Ø110

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-120-PH(24)	96W	S-bar 605/1200mm	24V DC	350 x 100 x 40	Ø110
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	300 x 100 x 40	Ø110

## Neon Strip F10

- High quality and high brightness SMD chip, each two LED circuit protected
- Wide range of white colour options
- UV & flame resistant construction (PVC)
- High colour consistency & smooth illumination with non-visible light dots
- Innovative mounting profiles and mini connectors for easy installation
- IP 68 version available upon request
- Custom length available

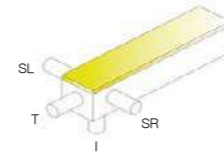


new

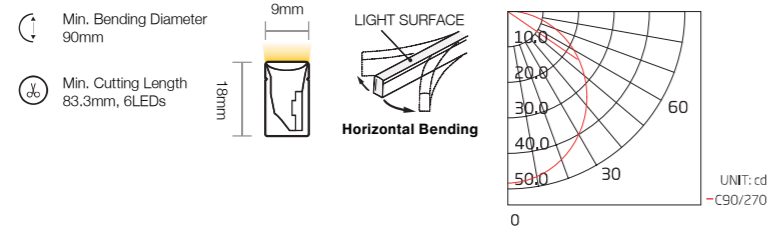
IP 67 Version

AP CR7131 - F10B - HB - [ ] - 24V - [ ] - PM

Code	CRI	Code	CCT	Code	Cable Direction
8	80+	27	2700K	I	Bottom
9	90+	30	3000K	SL	Side (L)
		40	4000K	SR	Side (R)
				T	Top End

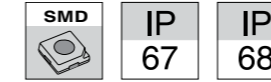


- 24V DC, CRI80+, 72pcs LEDs/m, 4.5W/m, 120lm/m
- 24V DC, CRI90+, 72pcs LEDs/m, 4.5W/m, 100lm/m



## Neon Strip F15

- High quality and high brightness SMD chip, each two LED circuit protected
- Wide range of white colour options
- UV & flame resistant construction (PVC)
- High colour consistency & smooth illumination with non-visible light dots
- Innovative mounting profiles and mini connectors for easy installation
- IP 68 version available upon request
- Custom length available

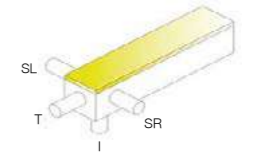


new

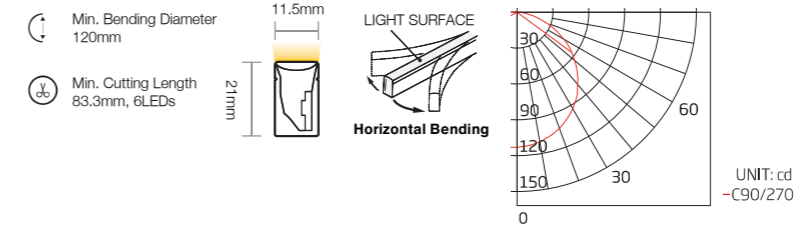
IP 67 Version

AP CR7141 - F15B - HB - [ ] - 24V - [ ] - PM

Code	CRI	Code	CCT	Code	Cable Direction
8	80+	27	2700K	I	Bottom
9	90+	30	3000K	SL	Side (L)
		40	4000K	SR	Side (R)
				T	Top End

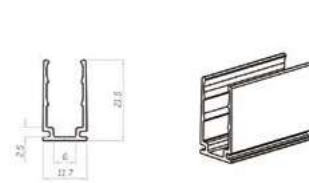


- 24V DC, CRI80+, 72pcs LEDs/m, 12W/m, 280lm/m
- 24V DC, CRI90+, 72pcs LEDs/m, 12W/m, 240lm/m



### Accessory

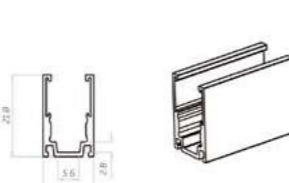
#### Aluminum Profile



AP CR3931 - [ ]

Code	Length
0035	35mm
0500	500mm
1000	1000mm
2000	2000mm

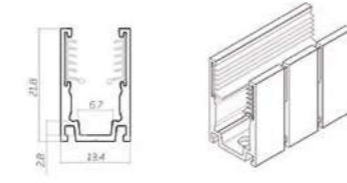
#### Serrated Aluminum Profile



AP CR3932 - [ ]

Code	Length
0020	20mm
0500	500mm
1000	1000mm
2000	2000mm

#### Bendable Serrated Aluminum Profile

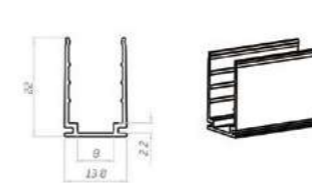


AP CR3933 - [ ]

Code	Length
0500	500mm
1000	1000mm

### Accessory

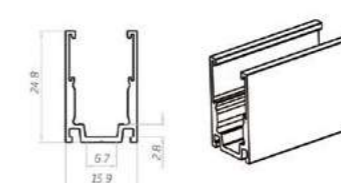
#### Aluminum Profile



AP CR3941 - [ ]

Code	Length
0035	35mm
0500	500mm
1000	1000mm
2000	2000mm

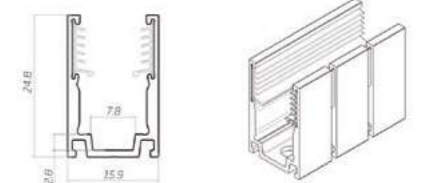
#### Serrated Aluminum Profile



AP CR3942 - [ ]

Code	Length
0020	20mm
0500	500mm
1000	1000mm
2000	2000mm

#### Bendable Serrated Aluminum Profile



AP CR3943 - [ ]

Code	Length
0500	500mm
1000	1000mm

### LED Driver

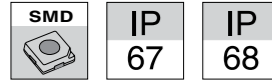
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	Neon Strip F10	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	Neon Strip F15	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

## Neon Strip F21

- High quality and high brightness SMD chip, each two LED circuit protected
- Wide range of white colour options
- UV & flame resistant construction (PVC)
- High colour consistency & smooth illumination with non-visible light dots
- Innovative mounting profiles and mini connectors for easy installation
- IP 68 version available upon request
- Custom length available

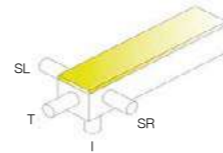


new

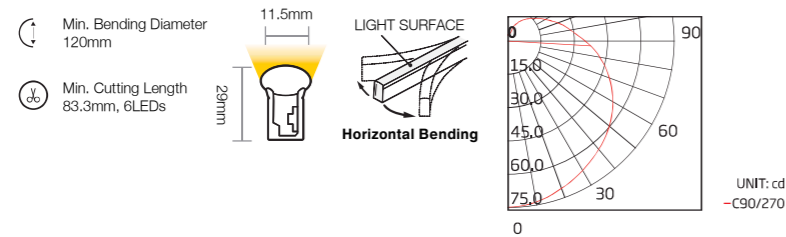
IP 67 Version

AP CR7151 - F21B - HB - [ ] - 24V - [ ] - PM

Code	CRI	Code	CCT	Code	Cable Direction
8	80+	27	2700K	I	Bottom
9	90+	30	3000K	SL	Side (L)
		40	4000K	SR	Side (R)
				T	Top End

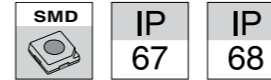


- ◇ 24V DC, CRI80+, 108pcs LEDs/m, 12W/m, 340lm/m
- ◇ 24V DC, CRI90+, 108pcs LEDs/m, 12W/m, 300lm/m



## Neon Strip F22

- High quality and high brightness SMD chip, each two LED circuit protected
- Wide range of white colour options
- UV & flame resistant construction (PVC)
- High colour consistency & smooth illumination with non-visible light dots
- Innovative mounting profiles and mini connectors for easy installation
- IP 68 version available upon request
- Custom length available

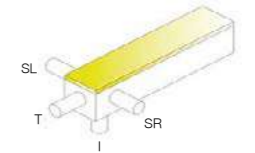


new

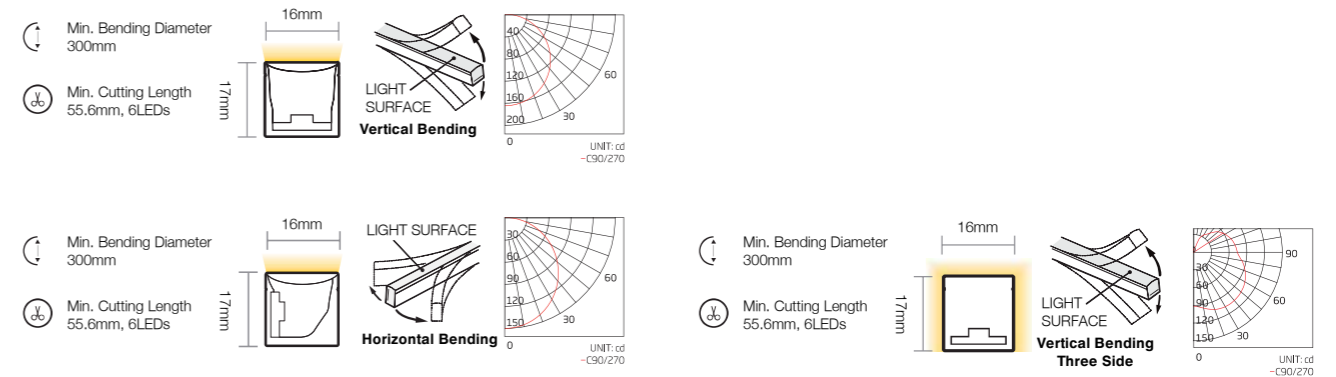
IP 67 Version

AP CR7161 - F22B - [ ] - [ ] - 24V - [ ] - PM

Code	Bending Direction	Code	CRI	Code	CCT	Code	Cable Direction
HB	Horizontal Bending	8	80+	27	2700K	I	Bottom
VB	Vertical Bending	9	90+	30	3000K	SL	Side (L)
VBT	Vertical Bending Three Side			40	4000K	SR	Side (R)
						T	Top End

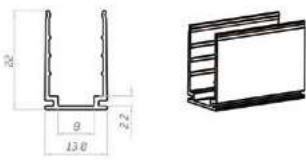


- ◇ 24V DC, CRI80+, 72pcs LEDs/m, 12W/m, 280lm/m
- ◇ 24V DC, CRI90+, 72pcs LEDs/m, 12W/m, 240lm/m



### Accessory

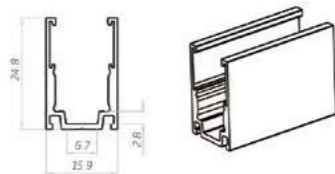
#### Aluminum Profile



AP CR3941 - [ ]

Code	Length
0035	35mm
0500	500mm
1000	1000mm
2000	2000mm

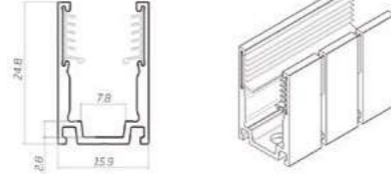
#### Serrated Aluminum Profile



AP CR3942 - [ ]

Code	Length
0020	20mm
0500	500mm
1000	1000mm
2000	2000mm

#### Bendable Serrated Aluminum Profile



AP CR3943 - [ ]

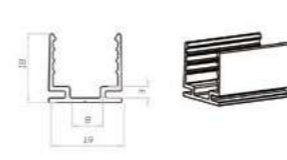
Code	Length
0500	500mm
1000	1000mm

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	Neon Strip F21	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

### Accessory

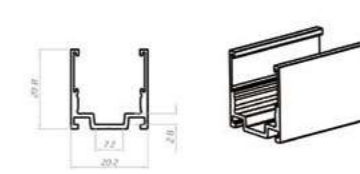
#### Aluminum Profile



AP CR3961 - [ ]

Code	Length
0035	35mm
0500	500mm
1000	1000mm
2000	2000mm

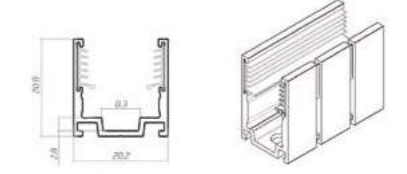
#### F22 Serrated Aluminum Profile



AP CR3962 - [ ]

Code	Length
0020	20mm
0500	500mm
1000	1000mm
2000	2000mm

#### Bendable Serrated Aluminum Profile



AP CR3963 - [ ]

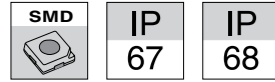
Code	Length
0500	500mm
1000	1000mm

### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	Neon Strip F22	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

# Neon Strip F23

- High quality and high brightness SMD chip, each two LED circuit protected
- Wide range of white colour options
- UV & flame resistant construction (PVC)
- High colour consistency & smooth illumination with non-visible light dots
- Innovative mounting profiles and mini connectors for easy installation
- IP 68 version available upon request
- Custom length available

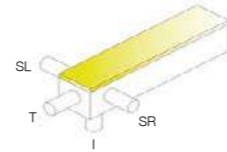


new

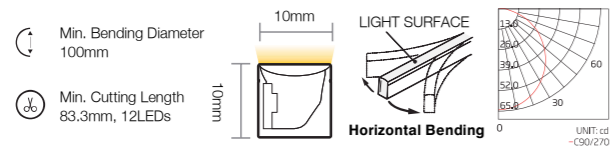
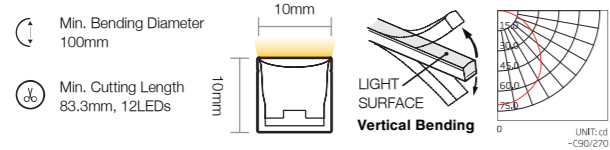
IP 67 Version

AP CR7171 - F23B - [ ] - [ ] - 24V - [ ] - PM

Code	Bending Direction	Code	CRI	Code	CCT	Code	Cable Direction
HB	Horizontal Bending	8	80+	27	2700K	I	Bottom
VB	Vertical Bending	9	90+	30	3000K	SL	Side (L)
				40	4000K	SR	Side (R)
						T	Top End



- 24V DC, CRI80+, 72pcs LEDs/m, 12W/m, 280lm/m
- 24V DC, CRI90+, 72pcs LEDs/m, 12W/m, 240lm/m

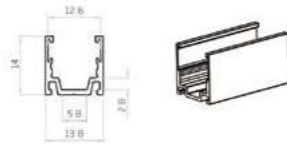


## Accessory

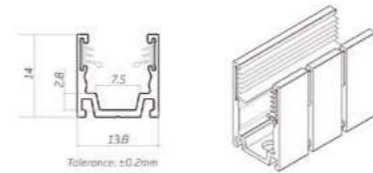
### Aluminum Profile



### Serrated Aluminum Profile



### Bendable Serrated Aluminum Profile



AP CR3951 - [ ]

Code	Length
0035	35mm
0500	500mm
1000	1000mm
2000	2000mm

AP CR3952 - [ ]

Code	Length
0020	20mm
0500	500mm
1000	1000mm
2000	2000mm

AP CR3953 - [ ]

Code	Length
0500	500mm
1000	1000mm

## LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	Neon Strip F23	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

# Concise Guide

All living beings including human have an 'inner clock' called circadian rhythm. **Human Centric Lighting** Design (e.g.: Dimming, CCT Tuning) provides an essential component which dynamically adjust spectrum and intensity to provide a right light at the right time to suit your body's needs.

# CC LED Strip

- LED strip length 15m in linear connection by single 24V power port
- Easy to bend for flexible design
- Cutting unit 50mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM step 3, high colour temperature stability



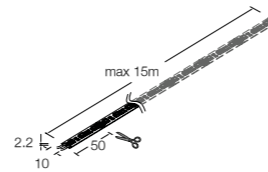
New

### IP20 Version

#### AP LT7115 - [ ] - [ ] - 24V - PM

Code	Power	Code	CRI	Code	CCT
4.8	4.8w/m	8	80+	27	2700K
9.6	9.6w/m	9	90+	30	3000K
14.4	14.4w/m			40	4000K

- ◇ 24V DC, CRI80+ ,100pcs LEDs/m, 1700lm/m SMD2835 (3000K)
- ◇ 24V DC, CRI90+ ,100pcs LEDs/m, 1500lm/m SMD2835 (3000K)

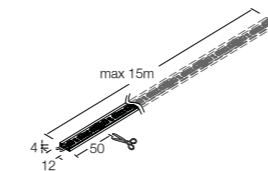


### IP65 Version

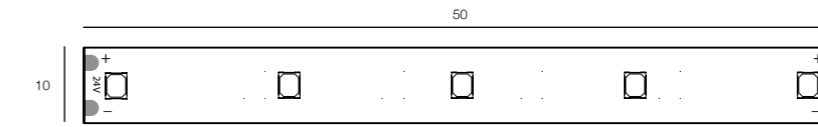
#### AP LT7116 - [ ] - [ ] - 24V - PM

Code	Power	Code	CRI	Code	CCT
4.8	4.8w/m	8	80+	27	2700K
9.6	9.6w/m	9	90+	30	3000K
14.4	14.4w/m			40	4000K

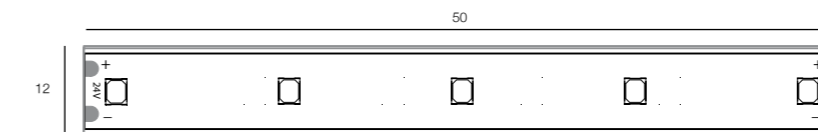
- ◇ 24V DC, CRI80+ ,100pcs LEDs/m, 1700lm/m SMD2835 (3000K)
- ◇ 24V DC, CRI90+ ,100pcs LEDs/m, 1500lm/m SMD2835 (3000K)



1:1 Scale



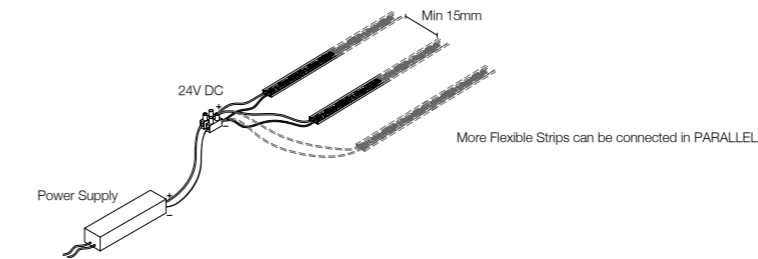
AP LT7115



AP LT7116 (IP65 Version)

### Connection Details

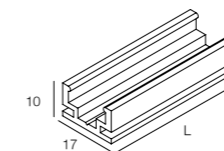
Maximum 15 meters in LINEAR CONNECTION



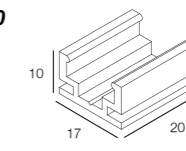
### Accessory

LEDStrip Plastic Clip (for IP65 version only)

MX 6355 - PM



MX 6355 - L20



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

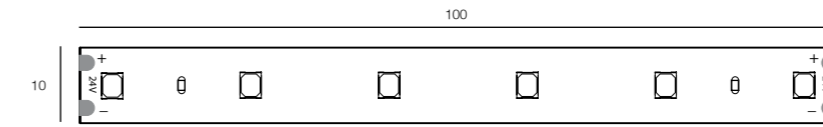


# LEDStrip Mini

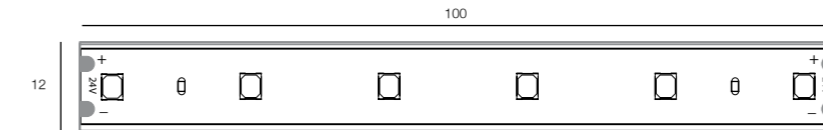
- Easy to bend for flexible design
- Cutting unit 100mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM Step 3, high colour temperature stability



1:1 Scale



MX 6456



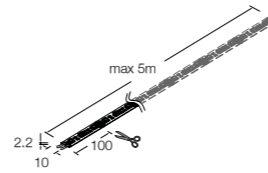
MX 6457 (IP65 Version)

IP20 Version

MX 6456 - [ ] - [ ] - [ ] - [ ] K - 24V - PM

Code	Power	Code	CRI	Code	CCT
4.8	4.8W/m	8	80+	27	2700K
6.6	6.6W/m	9	90+	30	3000K
9.6	9.6W/m			40	4000K

- 24V DC, CRI80+, 60pcs LEDs/m, 9.6W/m, 1134lm/m (3000K)
- 24V DC, CRI90+, 60pcs LEDs/m, 9.6W/m, 1015lm/m (3000K)

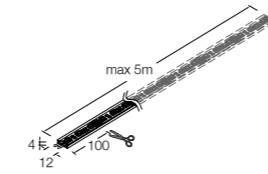


IP65 Version

MX 6457 - [ ] - [ ] - [ ] - [ ] K - 24V - PM

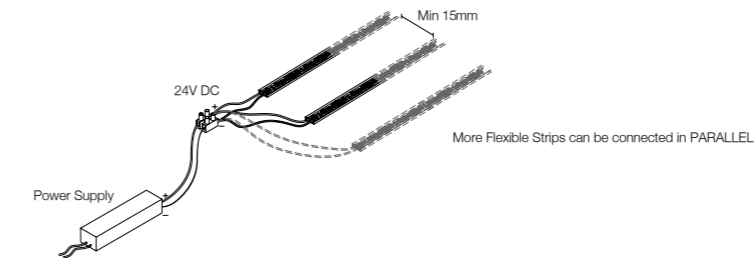
Code	Power	Code	CRI	Code	CCT
4.8	4.8W	8	80+	27	2700K
6.6	6.6W	9	90+	30	3000K
9.6	9.6W			40	4000K

- 24V DC, CRI80+, 60pcs LEDs/m, 9.6W/m, 1134lm/m (3000K)
- 24V DC, CRI90+, 60pcs LEDs/m, 9.6W/m, 1015lm/m (3000K)



### Connection Details

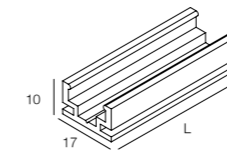
Maximum 5 meters in LINEAR CONNECTION



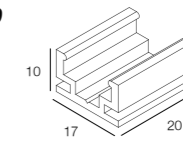
Accessory

LEDStrip Plastic Clip (for IP65 version only)

MX 6355 - PM



MX 6355 - L20



LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

# LEDStrip

- Easy to bend for flexible design
- Cutting unit 50mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM Step 3, high colour temperature stability

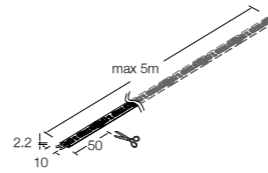


## IP20 Version

**MX 6458** - [ ] - [ ] **K - 24V - PM**

Code	Power	Code	CRI	Code	CCT
6.6	6.6W/m	8	80+	27	2700K
9.6	9.6W/m	9	90+	30	3000K
13.2	13.2W/m			40	4000K

- 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)

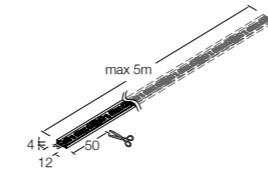


## IP65 Version

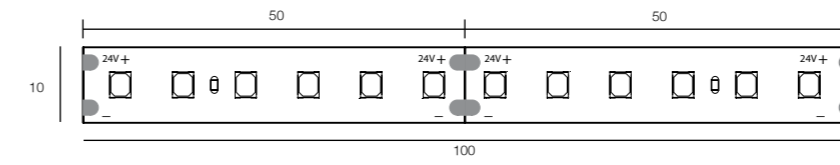
**MX 6459** - [ ] - [ ] **K - 24V - PM**

Code	Power	Code	CRI	Code	CCT
6.6	6.6W/m	8	80+	27	2700K
9.6	9.6W/m	9	90+	30	3000K
13.2	13.2W/m			40	4000K

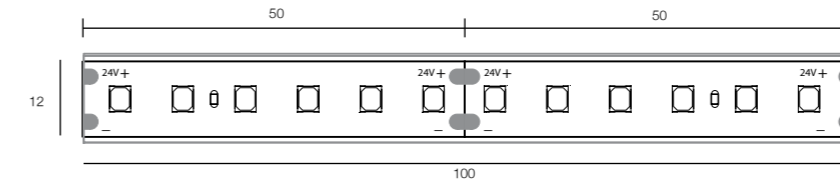
- 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)



1:1 Scale



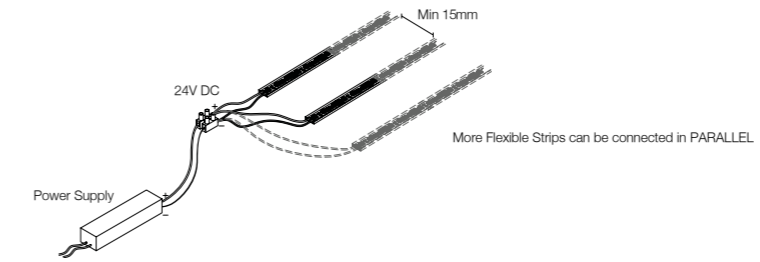
**MX 6458**



**MX 6459 (IP65 Version)**

## Connection Details

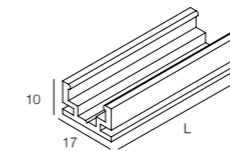
Maximum 5 meters in LINEAR CONNECTION



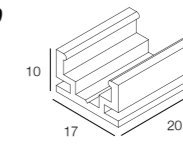
## Accessory

**LEDStrip Plastic Clip (for IP65 version only)**

**MX 6355 - PM**



**MX 6355 - L20**



## LED Driver

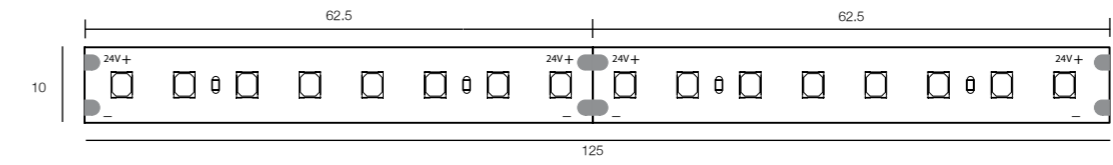
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W			350 x 100 x 40	Ø110
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip HE

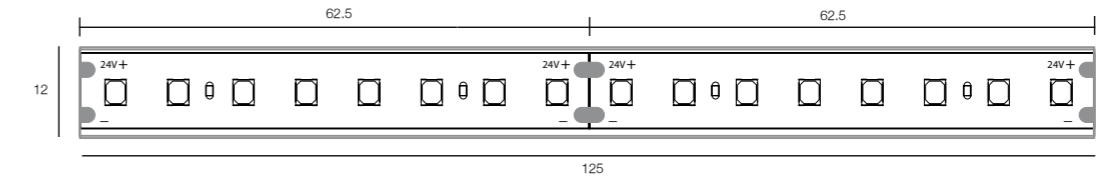
- Easy to bend for flexible design
- Cutting unit 62.5mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM Step 3, high colour temperature stability
- High efficiency version



1:1 Scale



**MX 6468**



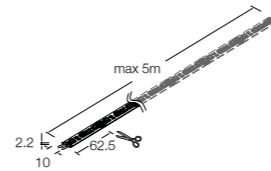
**MX 6469 (IP65 Version)**

**IP20 Version**

**MX 6468 - [ ] - [ ] - [ ] - [ ] K - 24V - PM**

Code	Power	Code	CRI	Code	CCT
6.6	6.6W/m	8	80+	27	2700K
9.6	9.6W/m	9	90+	30	3000K
13.2	13.2W/m			40	4000K

- 24V DC, CRI80+, 128pcs LEDs/m, 13.2W/m, 2130lm/m (3000K)
- 24V DC, CRI90+, 128pcs LEDs/m, 13.2W/m, 1906lm/m (3000K)

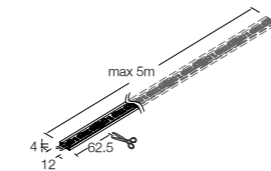


**IP65 Version**

**MX 6469 - [ ] - [ ] - [ ] - [ ] K - 24V - PM**

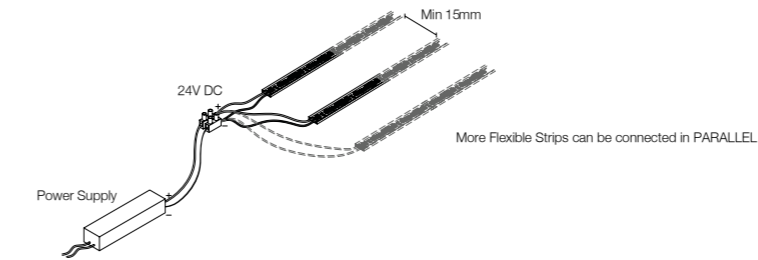
Code	Power	Code	CRI	Code	CCT
6.6	6.6W/m	8	80+	27	2700K
9.6	9.6W/m	9	90+	30	3000K
13.2	13.2W/m			40	4000K

- 24V DC, CRI80+, 128pcs LEDs/m, 13.2W/m, 2130lm/m (3000K)
- 24V DC, CRI90+, 128pcs LEDs/m, 13.2W/m, 1906lm/m (3000K)



**Connection Details**

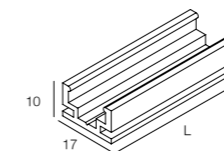
Maximum 5 meters in LINEAR CONNECTION



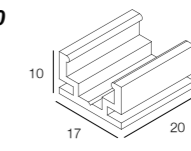
**Accessory**

**LEDStrip Plastic Clip (for IP65 version only)**

**MX 6355 - PM**



**MX 6355 - L20**



**LED Driver**

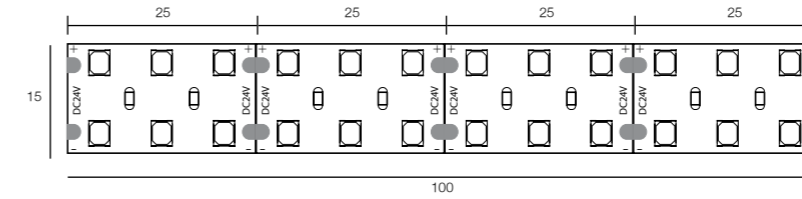
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W				
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip Duo

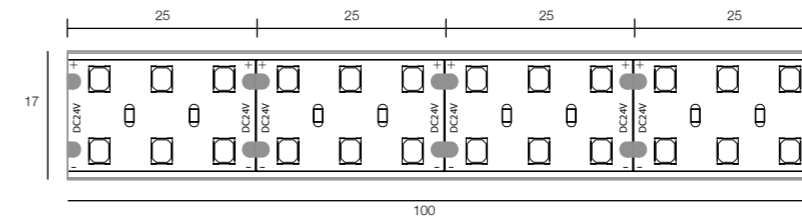
- Easy to bend for flexible design
- Cutting unit 25mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM Step 3, high colour temperature stability
- High power version



1:1 Scale



MX 6488



MX 6489 (IP65 Version)

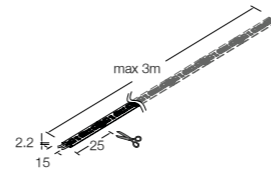


IP20 Version

MX 6488 - [ ] - [ ] K - 24V - PM

Code	Power	Code	CRI	Code	CCT
9.6	9.6W/m	8	80+	27	2700K
13.2	13.2W/m	9	90+	30	3000K
19.2	19.2W/m	40		40	4000K

- ◇ 24V DC, CRI80+, 240pcs LEDs/m, 19.2W/m, 2340lm/m (3000K)
- ◇ 24V DC, CRI90+, 240pcs LEDs/m, 19.2W/m, 2114lm/m (3000K)

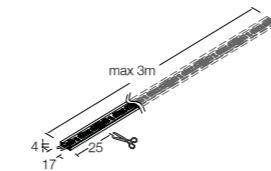


IP65 Version

MX 6489 - [ ] - [ ] K - 24V - PM

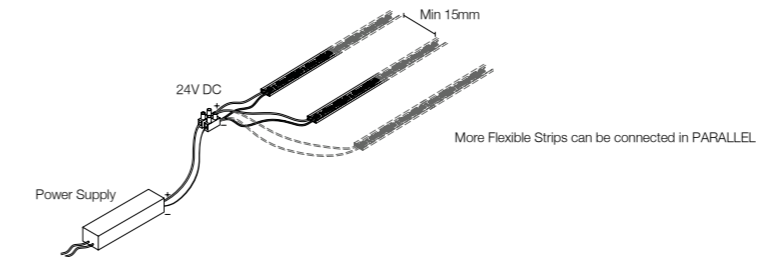
Code	Power	Code	CRI	Code	CCT
9.6	9.6W/m	8	80+	27	2700K
13.2	13.2W/m	9	90+	30	3000K
19.2	19.2W/m	40		40	4000K

- ◇ 24V DC, CRI80+, 240pcs LEDs/m, 19.2W/m, 2340lm/m (3000K)
- ◇ 24V DC, CRI90+, 240pcs LEDs/m, 19.2W/m, 2114lm/m (3000K)



## Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

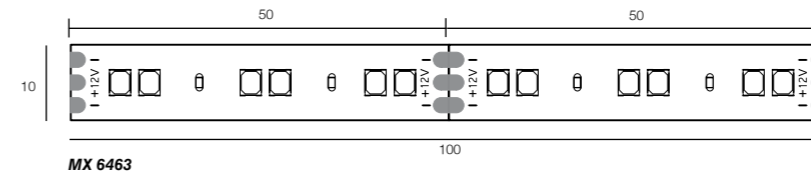
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W			350 x 100 x 40	Ø110
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

# LEDStrip Dual

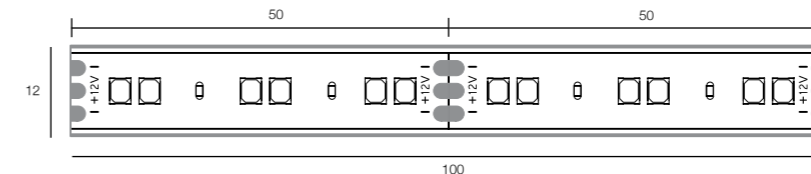
- Vary from 2700K to 4000K
- Cutting unit 50mm
- CRI typical 80+ and 90+ options
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request
- SDCM Step 3, high colour temperature stability
- CCT Tunable system will be provided upon request



1:1 Scale



MX 6463



MX 6464 (IP65 Version)

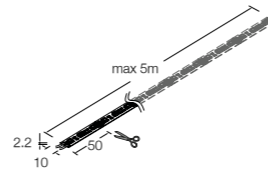


IP20 Version

MX 6463 - 2740K - 12V - PM

Code	CRI
8	80+
9	90+

- 3000mm, 12V DC, CRI80+, 60pairs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 3000mm, 12V DC, CRI90+, 60pairs LEDs/m, 13.2W/m, 1450lm/m (3000K)

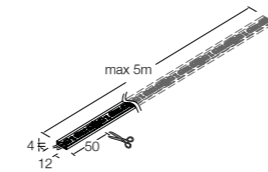


IP65 Version

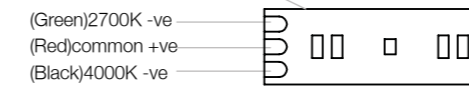
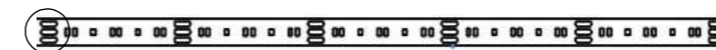
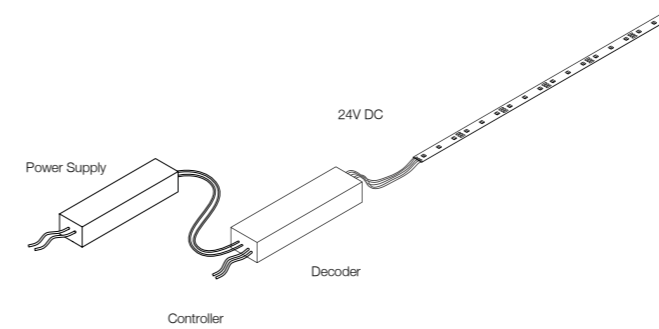
MX 6464 - 2740K - 12V - PM

Code	CRI
8	80+
9	90+

- 3000mm, 12V DC, CRI80+, 60pairs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 3000mm, 12V DC, CRI90+, 60pairs LEDs/m, 13.2W/m, 1450lm/m (3000K)



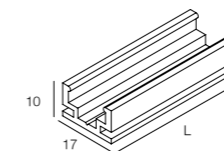
## Connection Details



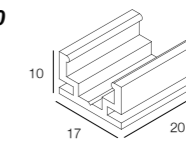
## Accessory

LEDStrip Plastic Clip (for IP65 version only)

MX 6355 - PM



MX 6355 - L20



## LED Driver

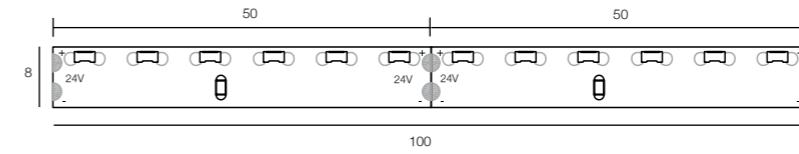
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-12V-75D-TW-LH(24)	60W	LED Strip	12V DC, 1-10V Dimmable Tunable White	350 x 100 x 40	Ø110
EC LED-12V-150D-TW-LH(24)	120W				

# LED Vertical Strip

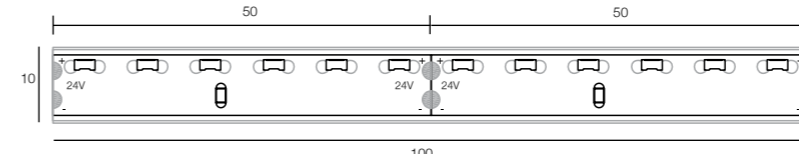
- Easy to bend for flexible design (side bend)
- DC 24V vertical LED Strip
- CRI Typical 80+
- 3M adhesive in the Flexible Strip
- Cutting unit 50mm
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request



1:1 Scale



AP-LT7111



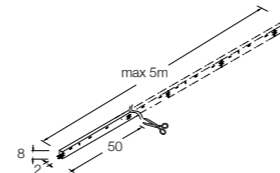
AP-LT7112 (IP65 Version)

### IP20 Version

AP LT 7111 - 9.6 - K- 24V - PM

Code	CCT
27	2700K
30	3000K
40	4000K

24V DC, CRI80+, 120pcs LEDs/m, 9.6W/m, 960lm/m (3000K)

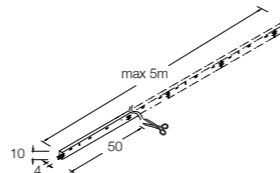


### IP65 Version

AP LT 7112 - 9.6 - K- 24V - PM

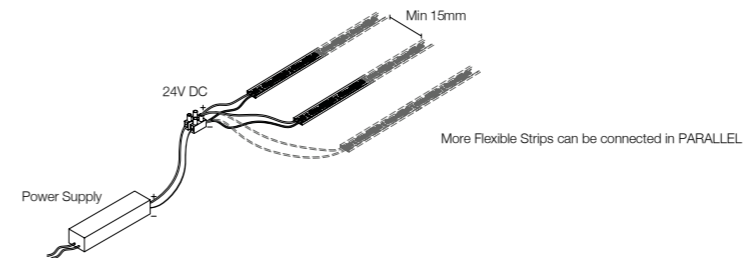
Code	CCT
27	2700K
30	3000K
40	4000K

24V DC, CRI80+, 120pcs LEDs/m, 9.6W/m, 960lm/m (3000K)



### Connection Details

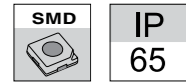
Maximum 5 meters in LINEAR CONNECTION



LED Driver					
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W			350 x 100 x 40	Ø110
EC LED-24V-75D-AS-LH(24)	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

# RGB LED Strip

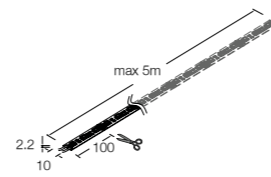
- Easy to bend for flexible design
- Cutting unit 100mm
- DC 24V 5050 SMD LED Flexible Strip, 14.4W per meter
- High Lumen Output
- 3M adhesive in the Flexible Strip
- Come with mounting clip for IP65 Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request



### IP20 Version

#### AP LT 7115 - 14.4 - RGB - 24V - PM

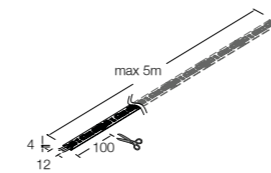
24V DC, 60pcs LEDs/m, 14.4W/m, 400lm/m (3000K)



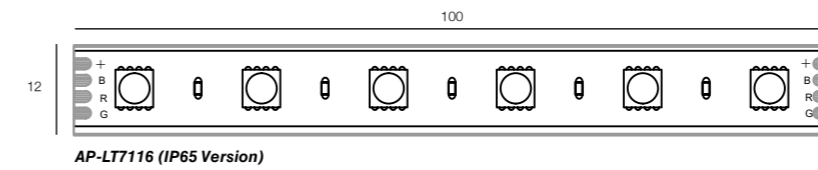
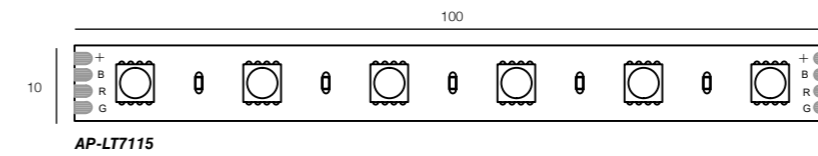
### IP65 Version

#### AP LT 7116 - 14.4 - RGB - 24V - PM

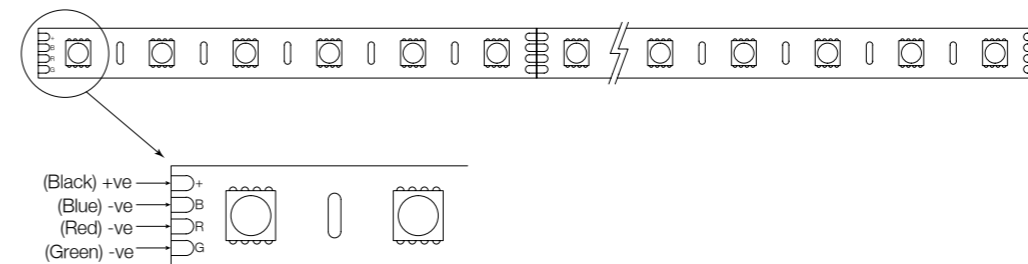
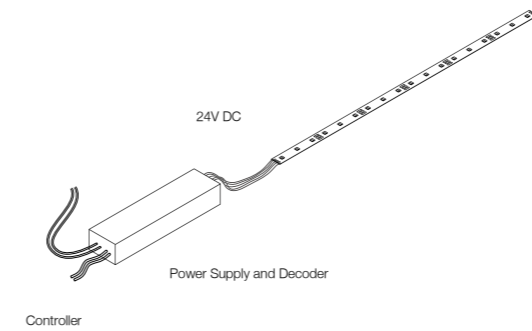
24V DC, 60pcs LEDs/m, 14.4W/m, 400lm/m (3000K)



1:1 Scale



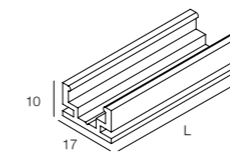
### Connection Details



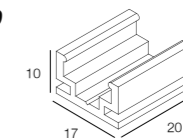
### Accessory

#### LEDStrip Plastic Clip (for IP65 version only)

##### MX 6355 - PM



##### MX 6355 - L20



### LED Driver

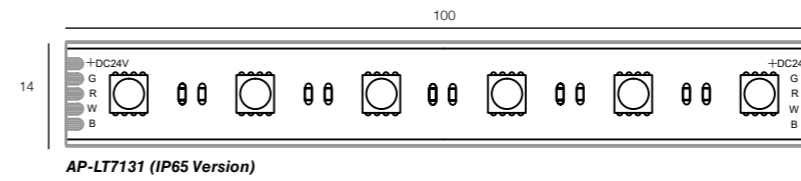
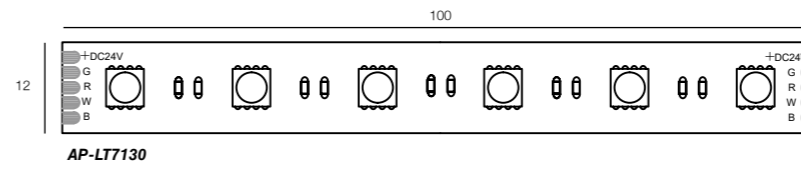
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-100-DMX-DS-LH(24)	80W	LED Strip	24V DC	350 x 100 x 40	Ø110

# RGBW LED Strip

- Easy to bend for flexible design
- Cutting unit 100mm
- DC 24V vertical LED Strip
- CRI typical 80+
- 3M adhesive in the Flexible Strip
- Water proof silicon sleeve in IP65 version
- Custom made power and length upon request
- Separate order of power supply is available upon request



1:1 Scale

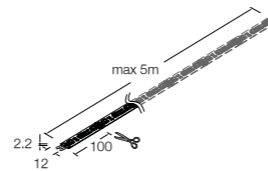


IP20 Version

**AP LT 7130 - RGBW - K- 24V - PM**

Code	CCT
27	2700K
30	3000K
40	4000K

24V DC, CRI80+, 60pcs LEDs/m, 19.2W/m, 1000lm/m (3000K)

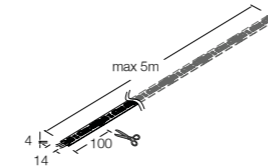


IP65 Version

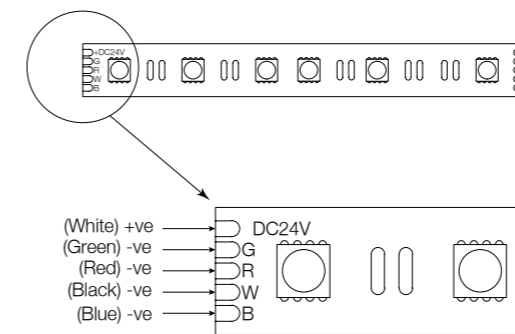
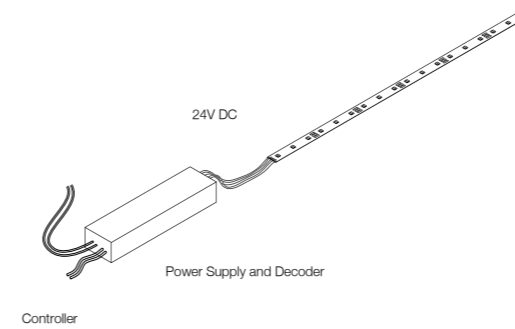
**AP LT 7131 - RGBW - K- 24V - PM**

Code	CCT
27	2700K
30	3000K
40	4000K

24V DC, CRI80+, 60pcs LEDs/m, 19.2W/m, 1000lm/m (3000K)



## Connection Details



Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-100-DMX-DS-LH(24)</b>	80W	LED Strip	24V DC	350 x 100 x 40	Ø110



# LEDStrip S Pro

- DC 24V 2835 SMD LED Flexible Strip, 13.2W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Tunable white/ RGB version upon request
- Custom power and length upon request
- Separate order of power supply is available upon request



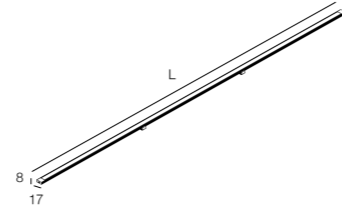
new

### Standard Version

**MX 6493 - V1** - [ ] [ ] [ ] - 24V - [ ] [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

- ◇ 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- ◇ 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)

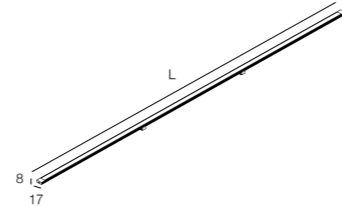


### Sensor Version

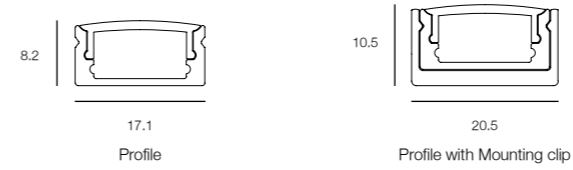
**MX 6493 - V1** - [ ] [ ] [ ] - 24V - [ ] [ ] [ ] - SV

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0550	550mm	60 x LED, 6.6W
9	90+	30	3000K	1050	1050mm	120 x LED, 13.2W
		40	4000K			

- ◇ 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- ◇ 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)

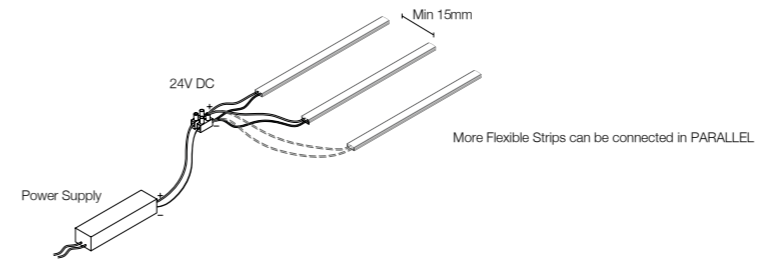


1:1 Scale



### Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W				
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip Pro

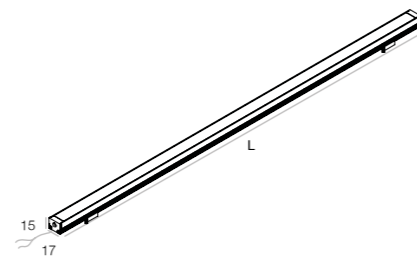
- DC 24V 2835 SMD LED Flexible Strip, 13.2W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Tunable white/ RGB version upon request
- Custom power and length upon request
- Separate order of power supply is available upon request



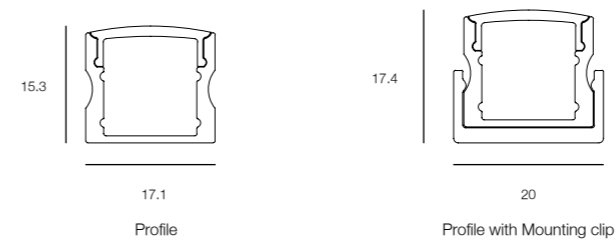
**MX 6494 - V1 -**     **- 24V -**

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

- ◇ 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- ◇ 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)

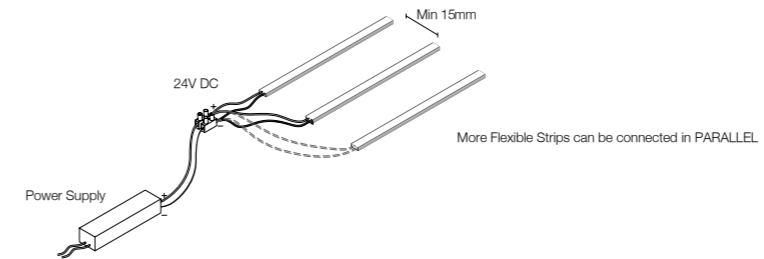


1:1 Scale



## Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W				
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip L Pro

- DC 24V 2835 SMD LED Flexible Strip, max 19.2W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Tunable white/ RGB version upon request
- Custom power and length upon request
- Separate order of power supply is available upon request

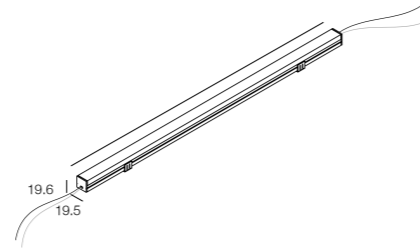


### Standard Version

**MX 6490 - V1** - [ ] [ ] [ ] - 24V - [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

- ◇ 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- ◇ 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)



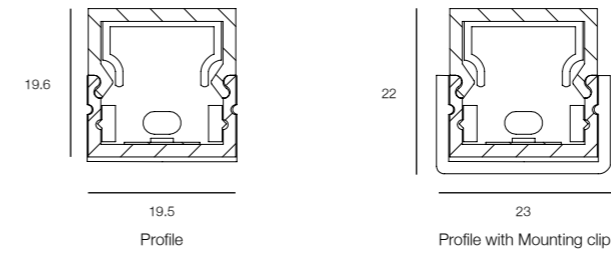
### High-Power Version

**MX 6492 - V1** - [ ] [ ] [ ] - 24V - [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0550	550mm	60 x LED, 6.6W
9	90+	30	3000K	1050	1050mm	120 x LED, 13.2W
		40	4000K			

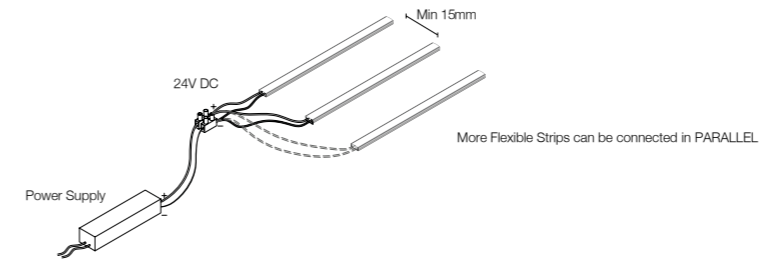
- ◇ 24V DC, CRI80+, 240pcs LEDs/m, 19.2W/m, 2340lm/m (3000K)
- ◇ 24V DC, CRI90+, 240pcs LEDs/m, 19.2W/m, 2114lm/m (3000K)

1:1 Scale



### Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W				
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip Stick

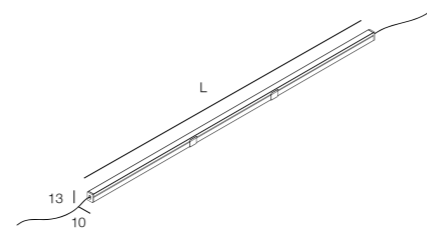
- DC 24V 2835 SMD LED Flexible Strip, 13.2W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Tunable white/ RGB version upon request
- Custom power and length upon request
- Separate order of power supply is available upon request



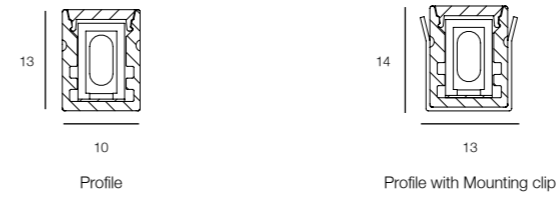
MX 6491 - V1 -   - 24V -

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

- 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)

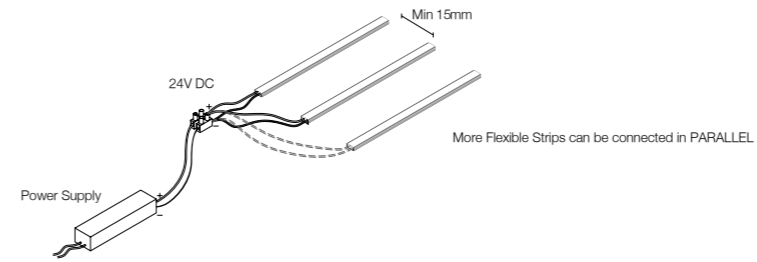


1:1 Scale



## Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W			350 x 100 x 40	Ø110
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable		
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip N Stick

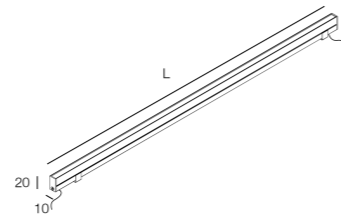
- DC 24V 2835 SMD LED Flexible Strip, 10W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Custom power and length upon request
- Separate order of power supply is available upon request
- 20° beam angle



**MX 6495 - V1 -**    **- 24V -**

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

- ◇ 24V DC, CRI80+, 192pcs LEDs/m, 10W/m, 1180lm/m (3000K)
- ◇ 24V DC, CRI90+, 192pcs LEDs/m, 10W/m, 1058lm/m (3000K)

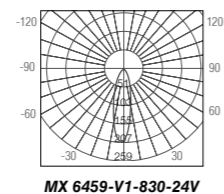
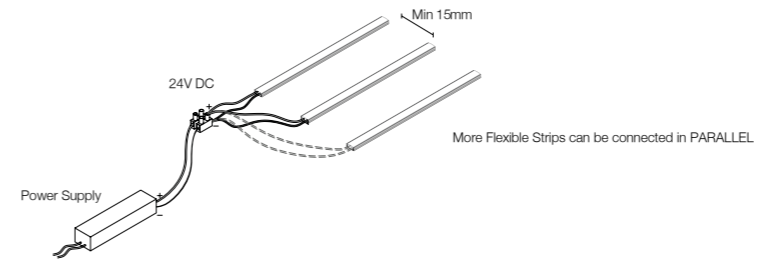


1:1 Scale



## Connection Details

Maximum 5 meters in LINEAR CONNECTION



LED Driver					
Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
<b>EC LED-24V-60-PH(23)</b>	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
<b>EC LED-24V-120-PH(24)</b>	96W			350 x 100 x 40	Ø110
<b>EC LED-24V-75D-AS-LH(24)</b>	60W		24V DC, 1-10V Dimmable		
<b>EC LED-24V-150D-AS-LH(24)</b>	120W				

# LEDStrip Pro Corner

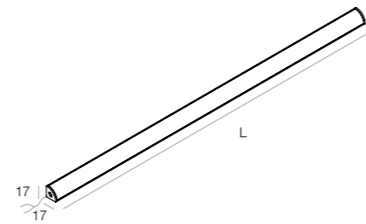
- DC 24V 2835 SMD LED Flexible Strip, 13.2W per meter
- CRI typical 80+ and 90+ options
- High Lumen Output
- SDCM 3 Step, high colour temperature stability
- Dimmable version available upon request
- Tunable white/ RGB version upon request
- Custom power and length upon request
- Separate order of power supply is available upon request



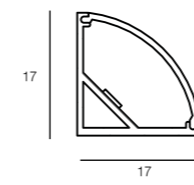
MX 6462 - V1 - [ ] [ ] [ ] - 24V - [ ] [ ] [ ]

Code	CRI	Code	CCT	Code	Length(L)	Output Power
8	80+	27	2700K	0520	520mm	60 x LED, 6.6W
9	90+	30	3000K	1020	1020mm	120 x LED, 13.2W
		40	4000K			

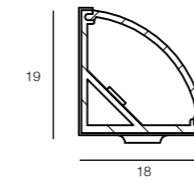
- 24V DC, CRI80+, 120pcs LEDs/m, 13.2W/m, 1620lm/m (3000K)
- 24V DC, CRI90+, 120pcs LEDs/m, 13.2W/m, 1450lm/m (3000K)



1:1 Scale



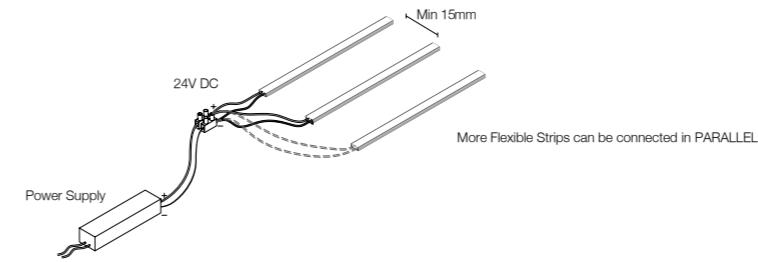
Profile



Profile with Mounting clip

## Connection Details

Maximum 5 meters in LINEAR CONNECTION



### LED Driver

Ordering Code	Driving Power Range	Matching with LED Fitting	Output Current	Wiring Box Dimension(mm) (L) x (W) x (H)	Cut Hole (mm)
EC LED-24V-60-PH(23)	60W	LED Strip	24V DC	320 x 72 x 44	Ø83
EC LED-24V-120-PH(24)	96W				
EC LED-24V-75D-AS-LH(24)	60W	LED Strip	24V DC, 1-10V Dimmable	350 x 100 x 40	Ø110
EC LED-24V-150D-AS-LH(24)	120W				

## By Ordering Number

Ordering Number	Page	Ordering Number	Page	Ordering Number	Page	Ordering Number	Page	Ordering Number	Page	Ordering Number	Page
AP CR3931	136	MX 5474	110	MX 6412-G5	87	MX 7385-G5	62	MX 7467	33	MX 9112S-M	112
AP CR3932	136	MX 5476	112	MX 6456	144	MX 7395-G4	20	MX 7475-G5	51	MX 9112T-MMM	112
AP CR3933	136	MX 5477	111	MX 6457	144	MX 7396-G4	20	MX 7476-G6	53	MX 9114D-MM	124
AP CR3941	137	MX 5495	112	MX 6458	146	MX 7397-G4	20	MX 7477-G5	52	MX 9114S-M	124
AP CR3942	137	MX 5508D9P-G2-600	105	MX 6459	146	MX 7398AS-G5	100	MX 7478	40	MX 9114T-MMM	124
AP CR3943	137	MX 5508D9P-G2-900	105	MX 6462-V1	170	MX 7398-G5	99	MX 7480	33	MX 9115-M	124
AP CR3951	140	MX 5508D9P-G2-1200	105	MX 6463	152	MX 7399AS-G5	100	MX 7481D-13T8	64	MX 9116D-MM	125
AP CR3952	140	MX 5510D9P-600	106	MX 6464	152	MX 7399-G5	99	MX 7481S-13T8	64	MX 9116S-M	125
AP CR3953	140	MX 5510D9P-900	106	MX 6468	148	MX 7401-G4	59	MX 7481T-13T8	64	MX 9116T-MMM	125
AP CR3961	139	MX 5510D9P-1200	106	MX 6469	148	MX 7402-G4	59	MX 7482D-13T8	65	MX 9143-M	122
AP CR3962	139	MX 5837	117	MX 6488	150	MX 7407	31	MX 7482S-13T8	65	MX 9162D-MM	126
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