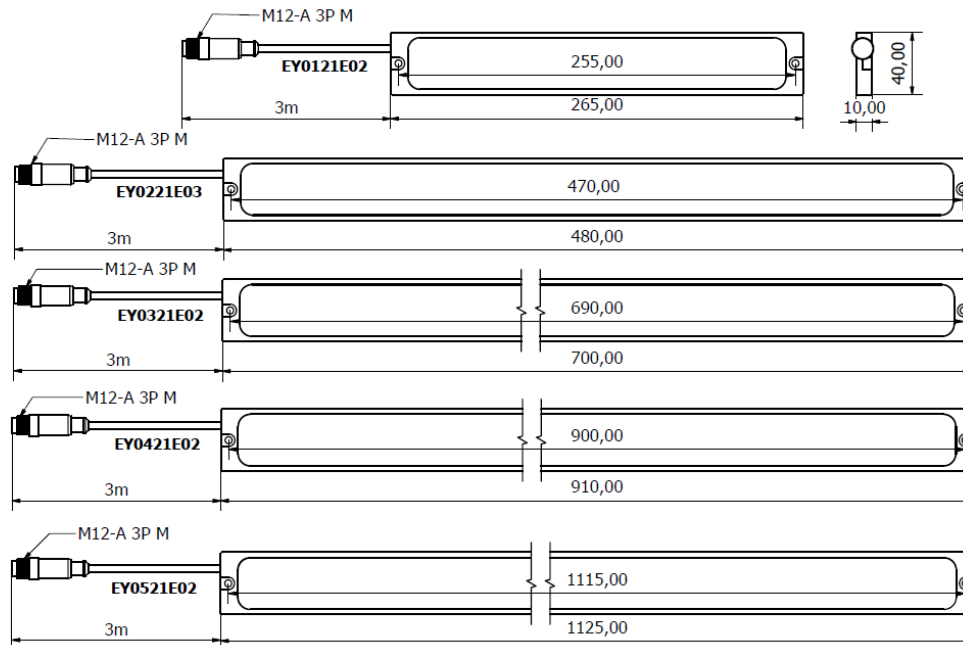


EPSYLON is a series of LED lamps with a compact, essential and elegant line, designed for industrial environments. High yield and efficiency luminous flux obtained using the latest generation LED technology. Aluminum structure with front protection in opal polycarbonate. In five sizes, it offers installation flexibility for a wide range of applications. Easy to install even with dedicated accessories that allow adjustment of the light direction.

- Structure made of anodized aluminum
- Ultra-low profile: 10mm
- Front protection in opal polycarbonate
- 5 power sizes from 10 to 50W to meet any work-area criteria
- 150° Light beam to provide wide and intense illumination
- LED lifespan: 60,000 hours constantly > (L 70)
- 24Vdc via M12-connector
- Light color temperature 5000 K -- CRI 80

DIMENSIONS



MECHANICAL FEATURES

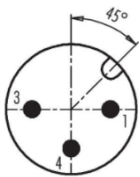
Model	EY0121E02	EY0221E03	EY0321E02	EY0421E02	EY0521E02
Casing Material	Anodized aluminum				
Surface Treatment	Standard: 10 microns of natural aluminum solution oxidation				
Front Glass	Opal polycarbonate				
Weight	0.59 lb (0.30kg)	0.92 lb (0.45 kg)	1.21 lb (0.55 kg)	1.54 lb (0.70 kg)	1.83 lb (0.85 kg)
Protection Index	IP68				
Impact Resistance	1.00 N m/s				
Operating Temperature	04°F (-20°C) to +113°F (+ 45°C)				
Installation	EYFX01/EYFX02				

ELECTRICAL FEATURES

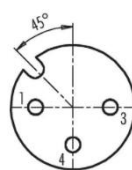
Model	EY0121E02	EY0221E03	EY0321E02	EY0421E02	EY0521E02
Power Input	10 W	20 W	29 W	37 W	44 W
Power Supply	22-26 Vdc				
Current	0,4 A	0,8 A	1.2 A	1,5 A	1.85 A
Device Power Protection	Full protection against reverse polarity				
Electrical Connection	M12 CONN				
Insulation Class	Class III (SELV)				

CONNECTION* with M12-3P Male A Coding

Male



Female



Pin

Connection

1

+24 Vdc

3

0 Vdc

4

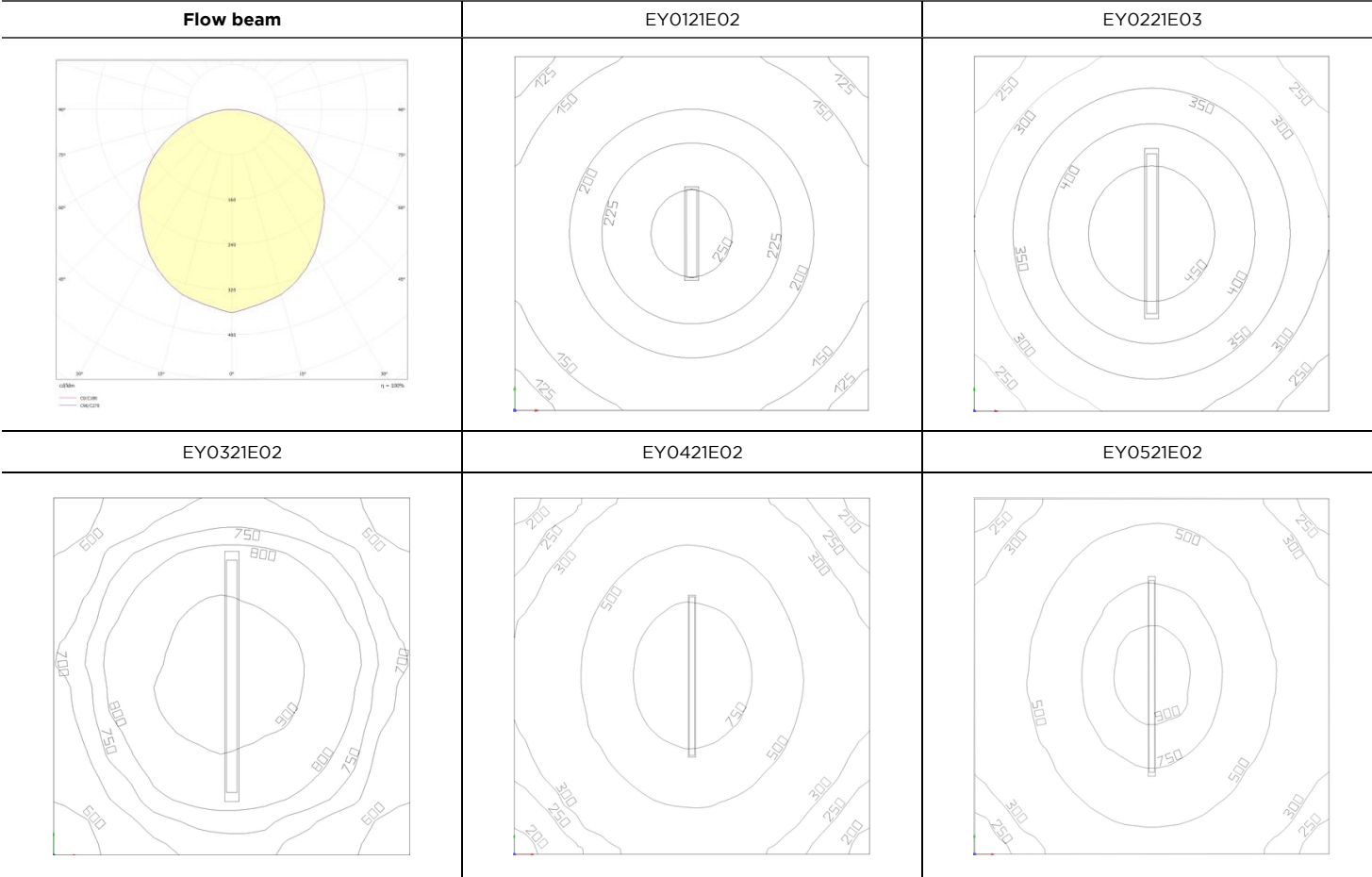
Not connected

OPTICAL FEATURES

Model	N° and Type of LEDs	LED Lifespan	Light Color	CRI	Light Beam Angle	Luminous Flux	Efficiency
EY0121E02	30 Mid Power LED	60 000 h L70 **	5000K	80	150°	~ 875 lm	~ 83.5 lm/W
EY0221E03	60 Mid Power LED	60 000 h L70 **	5000K	80	150°	~ 1650 lm	~ 83.5 lm/W
EY0321E02	90 Mid Power LED	60 000 h L70 **	5000K	80	150°	~ 2440 lm	~ 83.5 lm/W
EY0421E02	120 Mid Power LED	60 000 h L70 **	5000K	80	150°	~ 3085 lm	~ 83.5 lm/W
EY0521E02	150 Mid Power LED	60 000 h L70 **	5000K	80	150°	~ 3570 lm	~ 83.5 lm/W

** Flow beam reduced by less than 30% after 60,000 hours

PHOTOMETRIC DIAGRAMS



Distance graphic: 1m

PLUG OPTION M12 Cable Connector

Product pictures	Description	Code product
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Pre-assembled M12 4Pin, female, A Coding, CABLE 5mt, UL M12AFC5

MOUNTING OPTIONS

Product pictures	Description	Code product
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Robust, versatile and vibration resistant, it is a 70° angle adjustment bracket. Made of stainless steel, it is the perfect solution when you need to adjust the direction of the flow beam in high-vibrating applications. Product code-set is composed by four brackets with M4 screws and steel handle washers.

EYFX01



Aluminum extrusions mounting. Two T-Nuts (Hammerhead) for standard aluminum extrusion profiles.

EYFX02

ORDER CODES

Model	Description
EY0121E02	EPSYLON, 10.43"(265mm), 150°, 10W, 24Vdc, Cable 10ft(3m) with M12-A 3P Male
EY0221E03	EPSYLON 18.90"(480mm), 150°, 20W, 24Vdc, Cable 10ft(3m) with M12-A 3P Male
EY0321E02	EPSYLON, 27.55"(700mm), 150°, 29W, 24Vdc, Cable 10ft(3m) with M12-A 3P Male
EY0421E02	EPSYLON, 35.83"(910mm), 150°, 37W, 24Vdc, Cable 10ft(3m) with M12-A 3P Male
EY0521E02	EPSYLON, 44.30"(1125mm), 150°, 44W, 24Vdc, Cable 10ft(3m) with M12-A 3P Male
EYFX01	EPSYLON, stainless steel swivel Brackets kit 90°.
EYFX02	EPSYLON Kit Aluminum Nuts
M12AFC5	Pre-assembled M12 4Pin, female, A Coding, CABLE 5mt, UL