



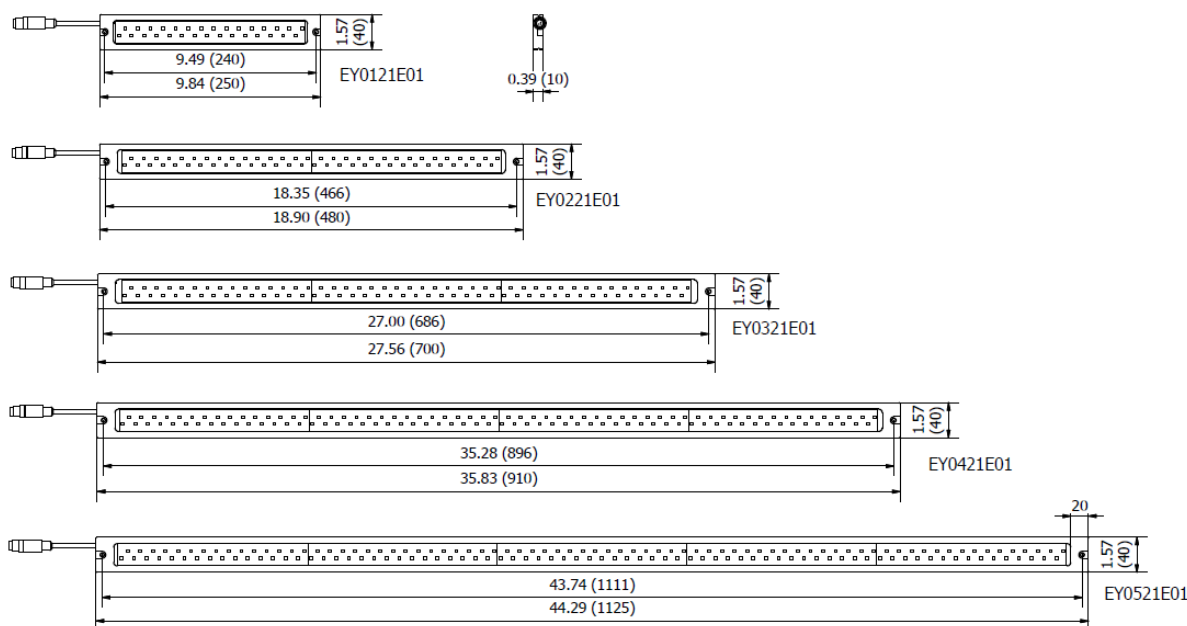
Designed for use in different industrial applications. A compact construction combining state-of-the art LED technology with a sturdy, ultra-low profile anodized aluminum casing. Particularly suitable for industry automation and any workplace where the space is very limited, but at the same time high-performance and intense lighting are required.

- Structure made entirely of anodized aluminum
- Ultra-low profile (10mm) to be integrated into extremely confined workspaces
- 5 lengths to meet every need
- Operating temperature from -20°C to + 55°C
- Light beam 120° - Diffuse
- LED lifespan: (L 70) > 60 000 h
- Light color 5000 K - CRI 80
- 24Vdc connection via M12-A 3P connector
- 3 m power cord

01. MECHANICAL FEATURES

Model	EY0121E01	EY0221E01	EY0321E01	EY0421E01	EY0521E01
Casing Material	Anodized extruded aluminum				
Surface treatment	Standard: 10-microns of natural aluminum solution oxidation				
Front protection	Chystal-clear polyurethane resin				
Protection index	IP68				
Fixture	With chrome-plated stainless-steel side brackets EY.FX01				
Weight (lamp only)	~0,73 lb / 0,33 Kg	~1,17 lb / 0,53 Kg	~1,61 lb / 0,73 Kg	~2,05 lb / 0,93 Kg	~2,49 lb / 1,13 Kg
Dimensions	1.57x0.39x9.84 in 40x10x250 mm	1.57x0.39x18.90 in 40x10x480 mm	1.57x0.39x27.56 in 40x10x700 mm	1.57x0.39x35.83 in 40x10x910 mm	1.57x0.39x44.29 in 40x10x1125 mm

02. DIMENSIONS (inch / mm)





03. ELECTRICAL FEATURES

Model	EY0121E01	EY0221E01	EY0321E01	EY0421E01	EY0521E01
Power Watt	10 W	20 W	30 W	40 W	50 W
Power supply	18÷36 VDC	18÷36 VDC	18÷36 VDC	18÷36 VDC	18÷36 VDC

04. POWER CORD

Model	EY0121E01	EY0221E01	EY0321E01	EY0421E01	EY0521E01
PUR 3X0,34 mmq cable, 118.11 in / 3 m, M12 3P-A (M) Cable Connector					

05. WIRING DIAGRAM

M12-A 3P (M) Cable connector Wires	Pin	Connection
	1 – Brown	24VDC
	3 – Blue	0 VDC
	4 – Black	TRIGGER *

* In case TRIGGER input is not in use, connect pin # 4 to 24 Vdc power input +

06. OPTICAL FEATURES

Model	N° and Type of LEDs	LED Lifespan	Light Color	CRI	Light Beam Angle	Luminous Flux **	Efficiency
EY0121E01	30 Mid Power LED	6000 h**	5000 K	80	~ 120°	1300 lm	130 lm/W
EY0221E01	60 Mid Power LED	60000 h**	5000 K	80	~ 120°	2600 lm	130 lm/W
EY0321E01	90 Mid Power LED	60000 h**	5000 K	80	~ 120°	3900 lm	130 lm/W
EY0421E01	120 Mid Power LED	60000 h**	5000 K	80	~ 120°	4200 lm	130 lm/W
EY0521E01	150 Mid Power LED	60000 h**	5000 K	80	~ 120°	6500 lm	130 lm/W

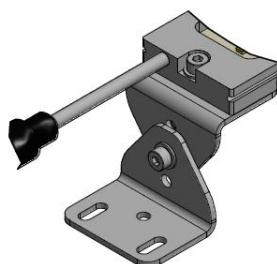
** Flow beam reduced by less than 30% after 60.000 hours



07. GENERAL FEATURES

Operating Tempertaure	-20 / +55 °C
Energy Efficiency Class	A/A+/A++ (Integrated LED module) compliant with UE Law No. 874/2012
Insulation Class	III

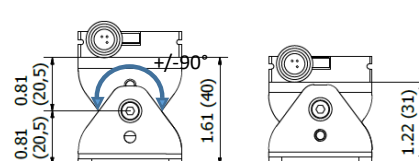
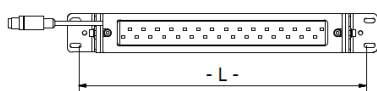
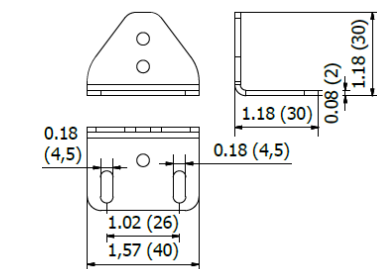
08. MOUNTING OPTIONS



Side mounting brackets

Code: **EY.FX01**

Two chrome-plated stainless-steel brackets – up to 90° adjustment



Model	L – inch/mm
EY0121E01	11.81 / 300
EY0221E01	20.87 / 530
EY0321E01	29.53 / 750
EY0421E01	37.80 / 960
EY0521E01	46.26 / 1175



Aluminum extrusions mounting

Code: **EY.FX02**

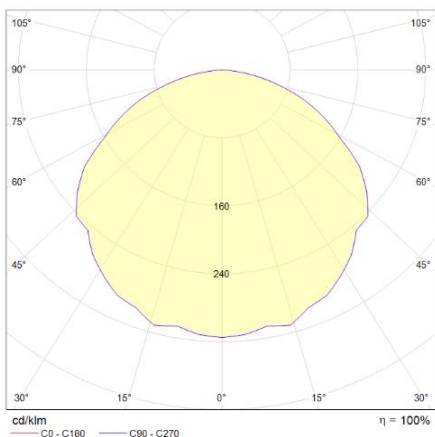
Two T-Nuts (Hammerhead) for standard aluminum extrusion profiles.

09. UNIT ORDER CODES

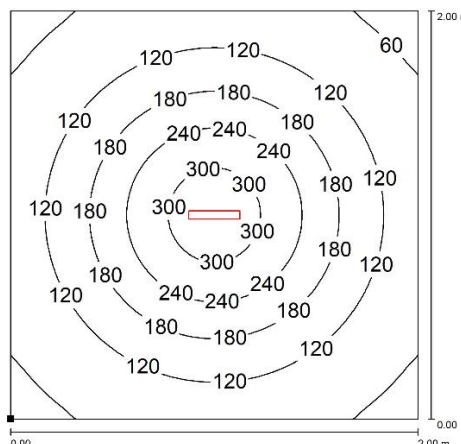
Code	Descriptions	Power Cord
EY0121E01	EPSYLON 9.44 IN / 250 MM 10 W 24 VDC M12 5000 K	Cable 118.11 in / 3 m + M12-A 3P (M)
EY0221E01	EPSYLON 18.90 IN / 480 MM 20 W 24 VDC M12 5000 K	Cable 118.11 in / 3 m + M12-A 3P (M)
EY0321E01	EPSYLON 27.56 IN / 700 MM 30 W 24 VDC M12 5000 K	Cable 118.11 in / 3 m + M12-A 3P (M)
EY0421E01	EPSYLON 35.83 IN / 910 MM 40 W 24 VDC M12 5000 K	Cable 118.11 in / 3 m + M12-A 3P (M)
EY0521E01	EPSYLON 44.19 IN / 1125 MM 50 W 24 VDC M12 5000 K	Cable 118.11 in / 3 m + M12-A 3P (M)



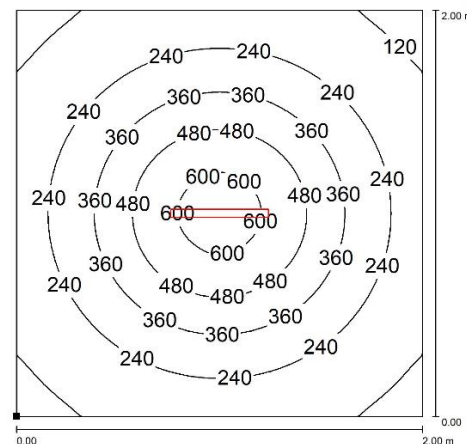
10. PHOTOMETRIC DIAGRAMS (A: 78.74x78.74x39.37in / 2x2m – h.1m)



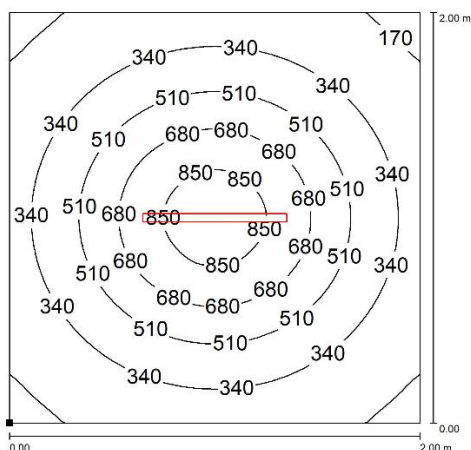
Light distribution curve



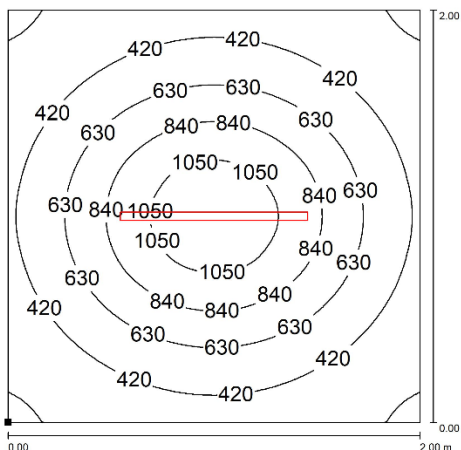
Isolines h.39.37in / 1m –
EY0121E01



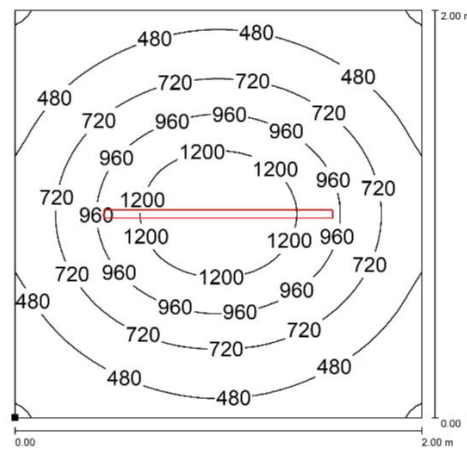
Isolines h.39.37in / 1m –
EY0221E01



Isolines h.39.37in / 1m –
EY0321E01



Isolines h.39.37in / 1m –
EY0421E01



Isolines h.39.37in / 1m –
EY0521E01