

FOCUS 1



DESCRIPTION

FOCUS 1 industrial linear luminaire delivers superior illumination for large-scale spaces with ceiling heights of up to 15 meters. Designed for energy efficiency and precision, it features DALI control and boasts an IP66 rating, ensuring durability in demanding environments. With an operating temperature range of -20°C to +50°C, it is built for reliable performance in various conditions. Available in power options from 80W to 150W and multiple length configurations, FOCUS 1 adapts to diverse lighting needs. It supports both pendant and ceiling mounting.

APPLICATIONS

FOCUS 1 is ideal for high-bay environments such as warehouses, factories, bus stations, airports, parking lots, car washes, gymnasiums, sports venues and cold storage facilities.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer
- **Exceptional Efficiency:** High-performance LEDs deliver up to 162 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 80 W to 150 W configurations, adaptable to various lighting needs.
- **Adaptable Optics:** Different optical options provide tailored illumination for diverse applications.
- **Intelligent Control:** DALI compatibility and motion sensors enhance energy savings and user convenience.
- **Engineered for Longevity:** Heat sink: aluminum extrusion, coated Mounting bracket: steel ensure durability, with a lifespan of up to 100,000 hours (L90 B10).
- **Rugged Protection:** IP66-rated for full resistance to dust and powerful water jets.
- **Compact & Convenient:** Simple design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and ceiling mounting.

TECHNICAL INFORMATION:

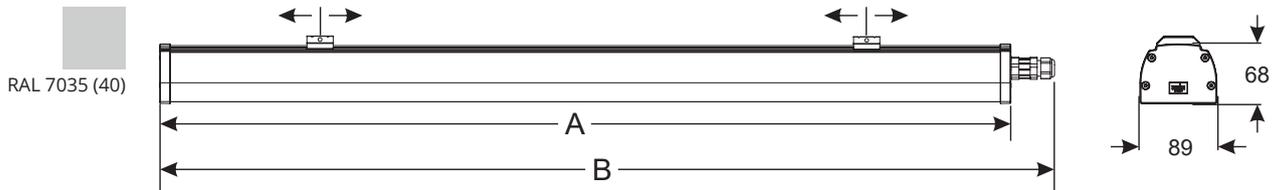


ELECTRICAL	V	Input voltage	198 ~ 264 VAC / 170 – 280 VDC
	Hz	Rated voltage	50-60 Hz
	W	Luminaire wattage	80 to 150
	Cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	12240-24150
	Lm/W	Luminous efficacy	Up to 162
	K	Color temperature	4000
	Tg	Performance temperature	25 °C
	C°	Ambient temperature range	- 20°C ≤ Ta ≤ +50°C
	CRI	Color rendering index	≥80

Number of LED's	4X12	5X12	6X12	7X12
Power	80	100	120	150
Lumious Flux, Lm	12240-12720	15400-16200	18360-19320	22950-24150
Efficacy, Lm/W	153-159	154-162	153-161	153-161

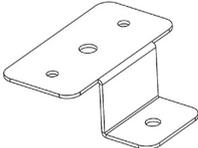
Chromatic tolerance (original MacAdam)	Not higher than 5
Life expectancy L/B	L90 B10 by 100000 hrs (Ta = 25 °C)

HOUSING	Size	710 x 85 x 70 mm (80W); 890 x 85 x 70 mm (100W); 1060 x 85 x 70 mm (120W); 1230 x 85 x 70 mm (150W)		
	Weight	Max 2,7 kg		
	Body material	Heat sink: aluminum extrusion, coated; mounting bracket: steel, ensuring durability		
	Protection	IP66		
	Installation	Ceiling mounting	Pendant (optional)	



OPTICS	Light source	LEDs 5050
	Optics	Asymmetric optics lens
	Optics type	Very carefully selected optics suppliers, the optics are transparent to ensure minimal light loss
	Maintenance	Optical module sealed for life. No internal cleaning required
	Protection against light pollution	0 candela light emission above 90°

DRIVER	Input voltage	198 ~ 264 VAC / 170 – 280 VDC
	Intelligent temperature Guard (ITG)	The intelligent temperature guard protects the LED driver from thermal overheating by reducing the output power or switching it off if the luminaire or ballast operates beyond its thermal limits
	Overvoltage with a variable surge protection	Up to 2 kV, (4kV optional)
	Interfaces	PRESET SENSOR, DALI SENSOR, DALI

OPTIONAL	Accessories		
	Code	Name	
	MET0397	FOCUS_Z_bracket RAL7035	

REMARKS	CLO	The light output of an LED module decreases over its lifetime. The Constant Light Output (eCLO) function compensates for this natural decline by constantly increasing the output current of the LED driver throughout its lifetime
	Power factor (Cosφ)	≥ 0.95
	Recommended mounting height	Up to 15 m
		Luminaires are ready to install

LOGISTIC DETAILS:

Full pallet size/cm L*W*H	Number of luminaires per row	Number of rows	QTY per pallet/pcs
120 X 80 X 135	3	10	30
Volume per pallet	Kg per pallet		
		Netto	Brutto
	1,392 m ³	81	90

