

# BAT



## DESCRIPTION

The powerful industrial luminaire BAT delivers exceptional illumination for large - scale areas with high ceilings up to 15 m. Featuring DALI control for energy efficiency and precise lighting, it boasts an IP66 rating and operates between -20°C and +40°C. Available in 120 W to 300 W options, it adapts to various needs. BAT supports both pendant (with optional extended cable) and ceiling mounting for flexible installation

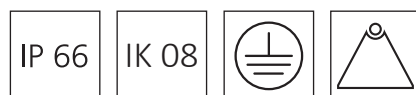
## APPLICATIONS

This lighting solution 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 158 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 120 W to 300 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:** An anodized aluminum heat sink and optional painted metal cover 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:** Space-saving design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and ceiling mounting.

## TECHNICAL INFORMATION:



<b>ELECTRICAL</b>	<b>V</b>	Input voltage	90-305 VAC
	<b>Hz</b>	Rated voltage	50-60 Hz
	<b>W</b>	Luminaire wattage	120 to 300
	<b>Cosφ</b>	Power factor	≥ 0,95
<b>OPTICAL</b>	<b>Lm</b>	Luminous flux	18000 - 42600
	<b>Lm/W</b>	Luminous efficacy	Up to 158
	<b>K</b>	Color temperature	3000 - 6500
	<b>C°</b>	Performance temperature	-20°C ≤ Ta ≤ +40°C
	<b>CRI</b>	Color rendering index	≥80

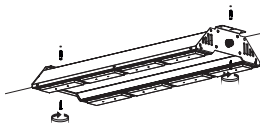
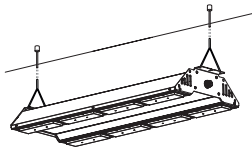
Number of LED's	4X12		6X12		8X12
Power	120	160	200	240	300
Lumious Flux, Lm	18000-18960	24000-25280	28800-30800	33840-34800	41400-42600
Efficacy, Lm/W	150- 158	150-158	144-154	141-145	138-142

Chromatic tolerance (original MacAdam)

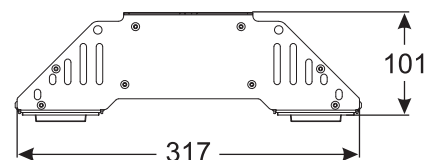
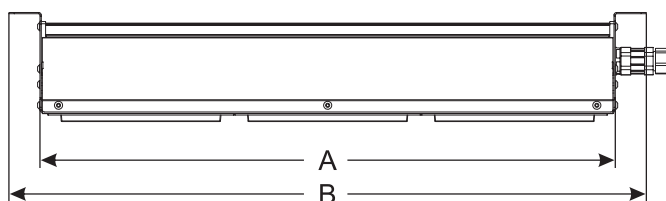
Not higher than 5

Life expectancy L/B

L90 B10 by 100000 hrs (Ta = 25 °C)


<b>HOUSING</b>	<b>Size</b>	362 x 317 x 101 mm; 535 x 317 x 101 mm; 708 x 317 x 101 mm	
	<b>Weight</b>	Max 7,2 kg	
	<b>Body material</b>	Heat sink: cast aluminium, painted	
	<b>Protection</b>	IP66	
	<b>Installation</b>	Ceiling mounting	Pendant (optional)
			

  
RAL 7035 (40)



OPTICS	Light source	LEDs 5050
	Optics	Asymmetric optics lens
	Otics 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°

OPTIONAL	Accessories	
	<b>Code</b>	<b>Name</b>
	IL11009	BAT suspension cable set



<b>REMARKS</b>	CLO	The light output of an LED module reduces over the course of 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