

LUXPOINT® LED Batten - Dalbert

Datasheet



CE IP54 IK06

The Dalbert series LED batten is elongated, linear lighting fixtures designed for practical, energy-efficient and uniform illumination in a variety of commercial and industrial spaces. With a slim profile, integrate design and various lengths, The Dalbert series provide flexible, customizable solutions included shopping centers, warehouse, workshops and other public lighting areas. The Dalbert series have consistent, high-quality and uniform light output to deliver impressive efficiency, long lifespans, and easy maintenance.

Benefits

- Durability
- Uniform light distribution
- Energy Savings
- Easy Installation & Maintenance

Applications

- Office
- Warehouse
- Hotel
- Shop
- Other demanding environments

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Technical Data

Optical Specifications

Wattage		18W	36W	45W
Luminous Flux @CCT	3000K	1710lm	3420lm	4275lm
	4000K	1800lm	3600lm	4500lm
	6500K	1800lm	3600lm	4500lm
Total luminous flux of contained light sources @CCT	3000K	2000lm	4000lm	5200lm
	4000K	2100lm	4100lm	5300lm
	6500K	2100lm	4100lm	5300lm
Efficacy		95-100lm/W	95-100lm/W	95-100lm/W
Flickering metric (Pst LM)		<1	<1	<1
Stroboscope effect metric (SVM)		<0.4	<0.4	<0.4
CRI		≥80	≥80	≥80
SDCM		< 6	< 6	< 6
Beam Angle		120°		
Photobiological safety group acc. To EN62778		RG0	RG0	RG0
Photobiological safety group acc. To EN62471		RG0	RG0	RG0
Dimmable		No	No	No

Electrical and Mechanical Specifications

Dimmable Input Voltage		220-240V ~50/60Hz		
Nominal Current		140mA	160mA	200mA
Inrush current time Th50		100µs@25A	150µs@25A	150µs@25A
Power Factor		0.5	0.9	0.9
Max. number of luminaires per miniature circuit breaker	B16	37	33	30
	C10	30	26	24
	C16	48	42	38
Protection class		Class II	Class II	Class II
Dimensions		L 545mm	L 1145mm	L 1445mm
		W 63mm	W 63mm	W 63mm
		H 28mm	H 28mm	H 28mm
Weight		169g	298g	385g
Housing		Polycarbonate(PC)		
Diffuser		Polystyrene (PS)		
Replaceable light source		No		
Replaceable Control gear		No		
Glow wire test according to IEC60695-2-12		650°C		

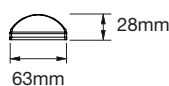
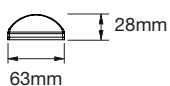
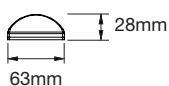
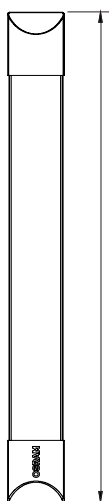
System Specifications

Power	AC mains
Operating Temperature	-20°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Lifespan L70/B50 at 40°C	15000 hours
Lifespan L70/B50 at 25°C	30,000 hours
Number of switching cycles	15,000
Environment	Indoor
Safety Approval	CE, RoHS
Mercury content	0.0mg
Warranty	2 years

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Dimension (Unit: mm)

Class I



Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

V1.0 09/23- Official authorized licensee of the OSRAM trademark.

Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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3 of 4

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Ordering codes

Model No.	Wattage	CCT	Fixture Lumen	Light Source Lumen	Size(mm)	Item code	EAN-13
LP BA V01 18W 830 SF 600	18W	3000K	1710lm	2000lm	545x63x28	GL24101078055	4897135733912
LP BA V01 18W 840 SF 600	18W	4000K	1800lm	2100lm	545x63x28	GL24101078155	4897135733929
LP BA V01 18W 865 SF 600	18W	6500K	1800lm	2100lm	545x63x28	GL24101078255	4897135733936
LP BA V01 36W 830 SF 1200	36W	3000K	3420lm	4000lm	1145x63x28	GL24101078355	4897135733943
LP BA V01 36W 840 SF 1200	36W	4000K	3600lm	4100lm	1145x63x28	GL24101078455	4897135733950
LP BA V01 36W 865 SF 1200	36W	6500K	3600lm	4100lm	1145x63x28	GL24101078555	4897135733967
LP BA V01 45W 830 SF 1500	50W	3000K	4275lm	5200lm	1445x63x28	GL24101078655	4897135733974
LP BA V01 45W 840 SF 1500	50W	4000K	4500lm	5300lm	1445x63x28	GL24101078755	4897135733981
LP BA V01 45W 865 SF 1500	50W	6500K	4500lm	5300lm	1445x63x28	GL24101078855	4897135733998

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Service contact:
Traxon Technologies Ltd.
Room 113, Wireless Centre, 3 Science Park East Avenue, Shatin,
Hong Kong, China
www.traxon-ecue.com

Traxon Technologies Europe GmbH
Karl-Schurz-Str. 38, 33100 Paderborn, Germany

