



LUXPOINT® LED Waterproof Batten - Gerran Datasheet



CE UK CA IP65 IK06

The Gerran LED Waterproof Batten is designed for durability and high performance in challenging environments. With an IP65 rating, it offers excellent protection against dust and water ingress. The IK06 rating ensures resistance to impact, providing added security in high-traffic areas. The sleek design allows for easy installation in commercial, industrial, and residential settings.

Benefits

- Durability
- Energy Efficiency
- Versatility of Size
- Wide Range of Application
- High protection rating

Applications

- Warehouse
- Factories
- Parking garages
- Other demanding environments

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Technical Data

Optical Specifications

Wattage		18W	36W	45W
Luminous Flux @CCT	3000K	1710lm	3600lm	4500lm
	4000K	1800lm	3960lm	4900lm
	6500K	1800lm	3960lm	4900lm
Total luminous flux of contained light sources @CCT	3000K	2550lm	5100lm	5800lm
	4000K	2650lm	5300lm	6300lm
	6500K	2650lm	5300lm	6300lm
Efficacy		96-100lm/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

Input Voltage		220-240V ~50/60Hz		
Nominal Current		120mA	85mA	105mA
Inrush current time Th50		100µs@25A	100µs@25A	100µs@25A
Power Factor		0.5	0.9	0.9
Max. number of luminaires per miniature circuit breaker	B16	37	23	21
	C10	30	18	17
	C16	48	30	27
Protection class		Class II	Class II	Class II
Dimensions		L 565mm	L 1165mm	L 1465mm
		W 43mm	W 43mm	W 43mm
		H 47mm	H 47mm	H 47mm
Weight		157g	296g	368g
Housing		Polycarbonate(PC)		
Diffuser		Polystyrene (PS)		
Replaceable light source		No		
Replaceable Control gear		No		
Glow wire test according to IEC60695-2-12		650°C		

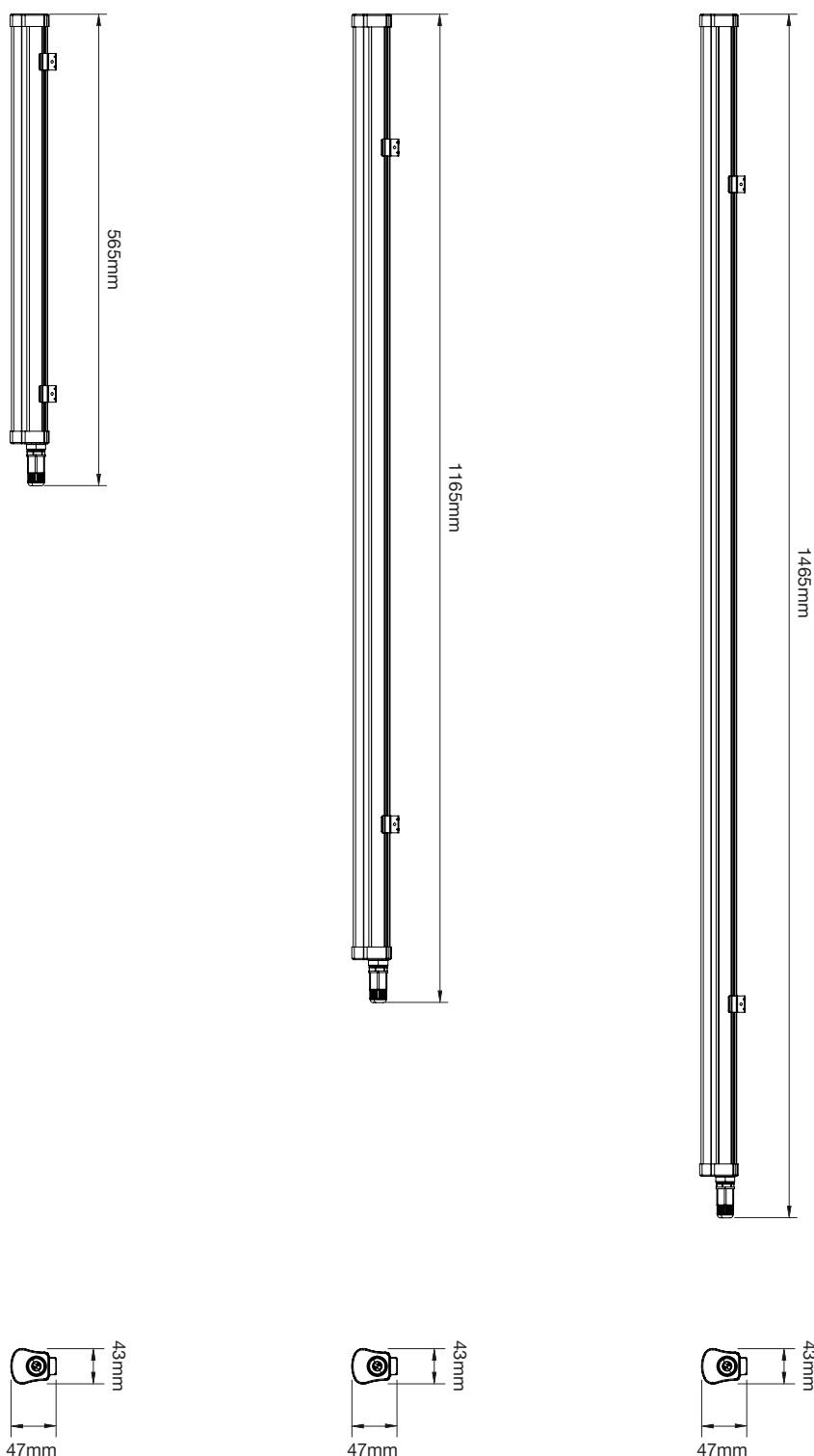
System Specifications

Power	AC mains
Operating Temperature	-20°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Lifespan L70/B50 at 45°C	15,000 hours
Lifespan L70/B50 at 25°C	30,000 hours
Number of switching cycles	15,000
Environment	Indoor
Safety Approval	CE, UKCA, 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.

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

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Ordering codes

Model No.	Wattage	CCT	Fixture Lumen	Light Source Lumen	Size(mm)	Item code	EAN-13
LP WP V01 18W 830 SF 600	18W	3000K	1720lm	2550lm	565x43x47	TXGL25100027055	4897135737002
LP WP V01 18W 840 SF 600	18W	4000K	1800lm	2650lm	565x43x47	TXGL25100027155	4897135737019
LP WP V01 18W 865 SF 600	18W	6500K	1800lm	2650lm	565x43x47	TXGL25100027255	4897135737026
LP WP V01 36W 830 SF 1200	36W	3000K	3420lm	5100lm	1165x43x47	TXGL25100027355	4897135737033
LP WP V01 36W 840 SF 1200	36W	4000K	3600lm	5300lm	1165x43x47	TXGL25100027455	4897135737040
LP WP V01 36W 865 SF 1200	36W	6500K	3600lm	5300lm	1165x43x47	TXGL25100027555	4897135737057
LP WP V01 45W 830 SF 1500	50W	3000K	4275lm	5800lm	1465x43x47	TXGL25100027655	4897135737064
LP WP V01 45W 840 SF 1500	50W	4000K	4500lm	6300lm	1465x43x47	TXGL25100027755	4897135737071
LP WP V01 45W 865 SF 1500	50W	6500K	4500lm	6300lm	1465x43x47	TXGL25100027855	4897135737088

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