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LUXPOINT® LED Waterproof Spot Light - Helmut

Datasheet



CE UK CA IP65 IK03 90 CRI

The Helmut series Waterproof LED Spot Light combines durability with high-end performance. Its 3CCT technology offers adjustable color temperatures, while a CRI90 rating ensures exceptional color accuracy and depth. Fully waterproof, it is the perfect solution for bathrooms, kitchens, or spa environments where protection against steam and splashes is essential without compromising on sleek, professional lighting quality.

Benefits

- Versatile Light Options
- Environmentally Friendly
- Easy Installation & Maintenance
- Wide Range of Application

Applications

- Living rooms
- Bathroom
- Retail stores
- Restaurants
- Other demanding environments

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Technical Data

Optical Specifications

Wattage	7W
Luminous Flux@CCT	3000K 520lm
Total luminous flux of contained light sources@CCT	3000K 700lm
Efficacy	80lm/W
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
CRI	≥90
SDCM	< 6
Beam Angle	60°
Photobiological safety group acc. To EN62778	RG0
Photobiological safety group acc. To EN62471	RG0
Dimmable	No

Electrical and Mechanical Specifications

Input Voltage	220-240V ~50/60Hz
Nominal Current	60mA
Inrush current time Th50	6µs@2A
Power Factor	0.5
Max. number of luminaires per miniature circuit breaker	B16 256 C10 160 C16 256
Protection class	Class II
Dimensions	D Ø84mm H 52mm
Weight	130g
Housing	Aluminum
Diffuser	Polystyrene (PS)
Replaceable light source	No
Replaceable Control gear	No
Glow wire test according to IEC60695-2-12	650°C

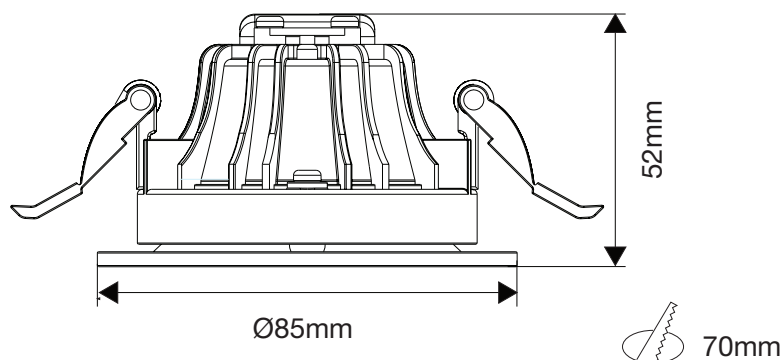
System Specifications

Power	AC mains
Operating Temperature	-20°C ~ 45°C
Storage Temperature	-20°C ~ 60°C
Lifespan L70/B50 at 45°C	50,000 hours
Lifespan L70/B50 at 25°C	70,000 hours
Number of switching cycles	50,000
Environment	Indoor
Ingress Protection	IP65 (Front), IP20 (Back)
Impact Resistance	IK03
Safety Approval	CE, UKCA, RoHS
Mercury content	0.0mg
Warranty	5 years

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Dimension

7W



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

Fixture

Short Text	Wattage	CCT	Ra	Fixture Lumen	Light Source Lumen	Beam Angle	Item code	EAN-13
LP SP D70 7W 930/940/965 60D RD WH	7W	3000K/4000K/6500K	80	520lm	700lm	60°	TXGL26100119555	4895271102340
LP SP D70 7W 930/940/965 60D RD BL	7W	3000K/4000K/6500K	80	520lm	700lm	60°	TXGL26100119655	4895271102357

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