



LUXPOINT® LED Recessed Downlight - Humbert Datasheet



70°



100°



The Humbert series LED Downlight with 3CCT function is a versatile lighting fixture designed for optimal versatility in any space. It allows users to easily switch between warm, cool white, and Daylight. It is energy-efficient, offering bright illumination while reducing power consumption. Perfect for enhancing modern interiors, it seamlessly blends functionality with contemporary design.

Benefits

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

Applications

- Office
- Hotel
- Shop
- Station
- Restaurant
- Other demanding environments

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Technical Data

Optical Specifications

Wattage		11W	15W	29W	40W
Luminous Flux @CCT	3000K	990lm	1350lm	2610lm	3600lm
	4000K	990lm	1350lm	2610lm	3600lm
	6500K	990lm	1350lm	2610lm	3600lm
Total luminous flux of contained light sources @CCT	3000K	1320lm	1800m	3480lm	4800lm
	4000K	1320lm	1800m	3480lm	4800lm
	6500K	1320lm	1800m	3480lm	4800lm
Efficacy		90lm/W	90lm/W	90lm/W	90lm/W
Flickering metric (Pst LM)		<1	<1	<1	<1
Stroboscope effect metric (SVM)		<0.4	<0.4	<0.4	<0.4
CRI		≥80	≥80	≥80	≥80
SDCM		< 6	< 6	< 6	< 6
Beam Angle		70° / 100°			
Photobiological safety group acc. To EN62778		RG0	RG0	RG0	RG0
Photobiological safety group acc. To EN62471		RG0	RG0	RG0	RG0
Dimmable		No	No	No	No

Electrical and Mechanical Specifications

Input Voltage		220-240V ~50/60Hz			
Nominal Current		50mA	65mA	135mA	185mA
Inrush current time Th50		4µs@9A	3µs@3A	2µs@13A	2µs@10A
Power Factor		0.9	0.9	0.9	0.9
Max. number of luminaires per miniature circuit breaker	B16	81	196	56	69
	C10	65	123	45	43
	C16	104	196	72	69
Protection class		Class II	Class II	Class II	Class II
Dimensions		D Ø90mm	D Ø115mm	D Ø175mm	D Ø228mm
		H 37mm	H 43mm	H 47mm	H 52mm
Weight	70°	180g	250g	435g	700g
	100°	170g	235g	400g	605g
Housing		Aluminum			
Diffuser		Polystyrene (PS)			
Replaceable light source		No			
Replaceable Control gear		No			
Glow wire test according to IEC60695-2-12		650°C			

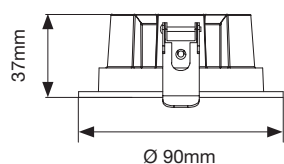
System Specifications

Power	AC mains
Operating Temperature	-10°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
Safety Approval	CE, UKCA, RoHS
Mercury content	0.0mg
Warranty	5 years

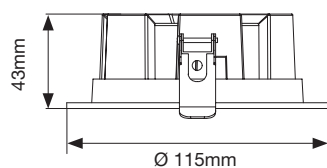
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Dimension

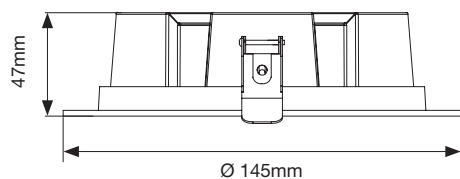
11W



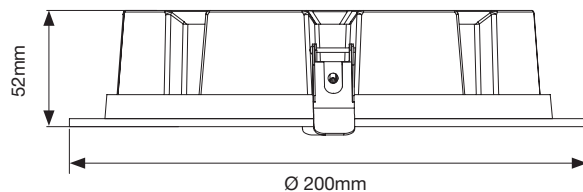
15W



29W



40W



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	Fixture Lumen	Light Source Lumen	Beam Angle	Item code	EAN-13
LP DL-P D75 11W 830/840/865 70D RD	11W	3000K/4000K/6500K	990lm	1320lm	70°	TXGL25100108355	4895271101794
LP DL-P D95 15W 830/840/865 70D RD	15W	3000K/4000K/6500K	1350lm	1800lm	70°	TXGL25100108455	4895271101800
LP DL-P D145 29W 830/840/865 70D RD	29W	3000K/4000K/6500K	2810lm	3480lm	70°	TXGL25100108555	4895271101817
LP DL-P D205 40W 830/840/865 70D RD	40W	3000K/4000K/6500K	3600lm	4800lm	70°	TXGL25100108655	4895271101824
LP DL-P D75 11W 830/840/865 100D RD	11W	3000K/4000K/6500K	990lm	1320lm	100°	TXGL25100108755	4895271101831
LP DL-P D95 15W 830/840/865 100D RD	15W	3000K/4000K/6500K	1350lm	1800lm	100°	TXGL25100108855	4895271101848
LP DL-P D145 29W 830/840/865 100D RD	29W	3000K/4000K/6500K	2810lm	3480lm	100°	TXGL25100108955	4895271101855
LP DL-P D205 40W 830/840/865 100D RD	40W	3000K/4000K/6500K	3600lm	4800lm	100°	TXGL25100109055	4895271101862

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