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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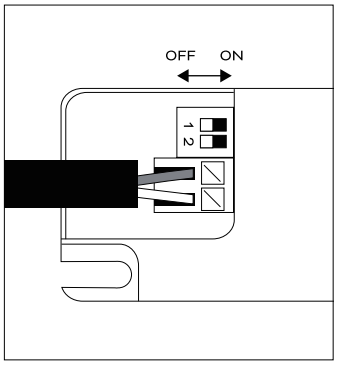
Technical Data

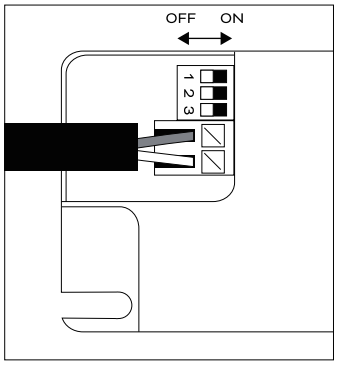
Optical Specifications

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

Power Switching



11W, 15W



29W, 40W

Model No.	Power (W)	Current (mA)	Switch position 1	2 (ON / OFF)
LP DL-P D75	5	100	OFF	OFF
	7	150	ON	OFF
	9	200	OFF	ON
	11	250	ON	ON
LP DL-P D95	9	200	OFF	OFF
	11	250	ON	OFF
	13	300	OFF	ON
	15	350	ON	ON

Model No.	Power (W)	Current (mA)	Switch position 1	2	3 (ON / OFF)
LP DL-P D145	15	400	OFF	OFF	OFF
	17	450	OFF	OFF	ON
	19	500	OFF	ON	OFF
	21	550	OFF	ON	ON
	23	600	ON	OFF	OFF
	25	650	ON	OFF	ON
	27	700	ON	ON	OFF
	29	750	ON	ON	ON
LP DL-P D205	26	700	OFF	OFF	OFF
	28	750	OFF	OFF	ON
	30	800	OFF	ON	OFF
	32	850	OFF	ON	ON
	34	900	ON	OFF	OFF
	36	950	ON	OFF	ON
	38	1000	ON	ON	OFF
	40	1050	ON	ON	ON

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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 42mm	H 46mm	H 51mm
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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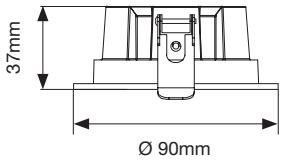
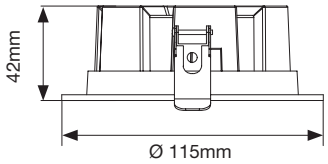
Dimension

11W



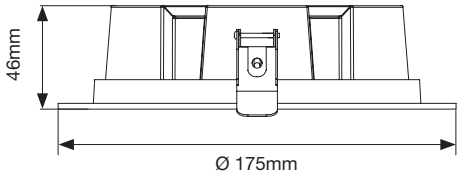
75-80mm

15W



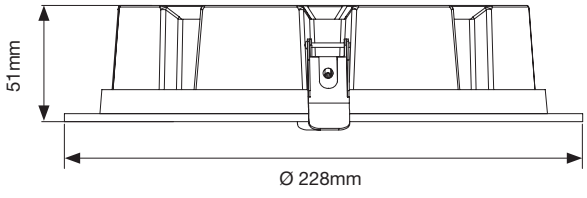
95-100mm

29W



145-150mm

40W



200-205mm

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.

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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	2610lm	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	2610lm	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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