



LED COMFO® Downlight V4

Datasheet



IP40

LED COMFO® Downlight V4 is the latest generation lighting solution for large space illumination. The slim and integrated body design provides high quality and safety based on 30,000 hours lifetime and all size options 4"/5"/6"/8".

Benefits

Comfortable lighting experience

- Up to 105 lm/W
- CRI>80
- Wide beam angle 110°

Rigidity & safety

- IP40
- 1KV line-to-line surge protection
- Long lifetime up to 30,000 hours

Easy to install

- Integrated design
- Slim design with the height of 26-30mm

Full range to meet all applications request

- Four size options 4"/5"/6"/8"
- Full power range 8W/10W/16W/24W
- 3000K, 4000K, 6500K

Applications

- Commercial buildings
- Offices
- Public areas
- Workshops

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Technical Data

Optical Specifications

		8W	10W	16W	24W
Luminous Flux	3000K	760 lm	1000 lm	1600 lm	2520 lm
	4000K	800 lm	1000 lm	1600 lm	2520 lm
	6500K	800 lm	1000 lm	1600 lm	2520 lm
Efficacy	3000K	95 lm/W	100 lm/W	100 lm/W	105 lm/W
	4000K	100 lm/W	100 lm/W	100 lm/W	105 lm/W
	6500K	100 lm/W	100 lm/W	100 lm/W	105 lm/W
CCT		3000K, 4000K, 6500K			
CRI		>80			
SDCM		<5			
Beam Angle		110°			

Electrical and Mechanical Specifications

Input Voltage		220-240V AC 50/60Hz			
Power Consumption		8W	10W	16W	24W
Power Factor		0.5			
Surge protection		Line to line 1KV			
Dimensions	Diameter	Ø119mm	Ø149mm	Ø176mm	Ø220mm
	Height	26mm	27mm	28mm	30mm
Cut-out		Ø100mm	Ø130mm	Ø155mm	Ø195mm
Weight		50g	100g	110g	170g
Cover		PC			
Housing		PP			

System Specifications

Power	AC line
Control	ON/OFF
Mounting	Recessed mounting
Operating Temperature	-20°C to +40°C
Storage Temperature	-20°C to +80°C
Environment	Indoor (IP40)
Lumen Maintenance	L70 @25°C - 30,000hrs
Safety Approval	Electrical Protection Class II, RoHS, REACH

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.

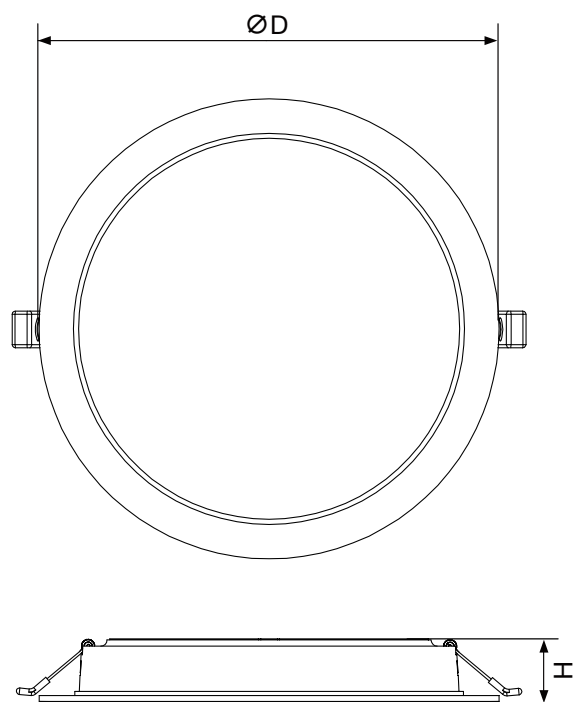
Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

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

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Dimension (Unit: mm)



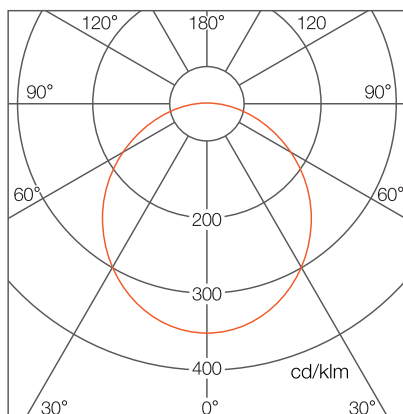
Dimensions

	8W	10W	16W	24W
ØD	119mm	149mm	176mm	220mm
H	26mm	27mm	28mm	30mm

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Photometrics

Light Distribution Curve



Illuminance at Distance

	Center Beam Lux/klm	Beam Width
0.5m	1441	1.40
1.0m	360	2.80
1.5m	160	4.21
2.0m	90	5.61
2.5m	58	7.01
3.0m	40	8.41

For feet multiply by 3.28

● Horiz. Spread: 109.0°
For fc divide by 10.7

Ordering Codes

Fixture

Short Text	Power (W)	CCT	cut-out dimension	Beam angle	Material
LCM DL V4 8W 830 4IN VS90 OSRAM	8W	3000K	Ø100mm	110°	GL23100096155
LCM DL V4 8W 840 4IN VS90 OSRAM	8W	4000K	Ø100mm	110°	GL23100096255
LCM DL V4 8W 865 4IN VS90 OSRAM	8W	6500K	Ø100mm	110°	GL23100096355
LCM DL V4 10W 830 5IN VS60 OSRAM	10W	3000K	Ø130mm	110°	GL23100096455
LCM DL V4 10W 840 5IN VS60 OSRAM	10W	4000K	Ø130mm	110°	GL23100096555
LCM DL V4 10W 865 5IN VS60 OSRAM	10W	6500K	Ø130mm	110°	GL23100096655
LCM DL V4 16W 830 6IN VS30 OSRAM	16W	3000K	Ø155mm	110°	GL23100096755
LCM DL V4 16W 840 6IN VS30 OSRAM	16W	4000K	Ø155mm	110°	GL23100096855
LCM DL V4 16W 865 6IN VS30 OSRAM	16W	6500K	Ø155mm	110°	GL23100096955
LCM DL V4 24W 830 8IN VS30 OSRAM	24W	3000K	Ø195mm	110°	GL23100097055
LCM DL V4 24W 840 8IN VS30 OSRAM	24W	4000K	Ø195mm	110°	GL23100097155
LCM DL V4 24W 865 8IN VS30 OSRAM	24W	6500K	Ø195mm	110°	GL23100097255

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