

## LED COMFO® Ceiling V3 Datasheet



LED COMFO® Ceiling V3 is an ideal indoor flood lighting solution with classic industrial design and uniform illumination. It also has a microwave sensor version which can enable intelligent control and save more energy.

### Benefits

Comfort light with modern design

- Imported LED provides consistent color temperature
- High quality PMMA diffuser brings high uniformity
- Classic and artistic industrial design

Reliable and easy to install

- Pre-installed terminals for easy installation

Outstanding light performance

- IP20
- Maximum detection distance of the microwave sensor: 6m, maximum detection angle: 120°
- 50,000hrs lifetime

Full solution with microwave sensor control

- Power options 12W/22W
- CCT 3000K/4000K/6500K
- ON/OFF and microwave sensor versions

### Applications

- Commercial areas
- Corridors and walkways
- Public areas
- Stairwells

# LEDCOMFO® Ceiling V3

## Technical Data

### Optical Specifications

	General		Microwave	
	12W	22W	12W	22W
Luminous Flux @4000K	1200 lm	2200 lm	1200 lm	2200 lm
Efficacy @4000K	100 lm/W			
CCT	3000K/4000K/6500K			
CRI	>80			
SDCM	5			
Beam Angle	120°			

### Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz				
Power Consumption	12W	22W	12W	22W	
Power Factor	>0.5				
Surge Protection	Line-to-line 0.5KV, line-to-ground 1KV				
Dimensions (mm)	Diameter	250	330	250	330
	Height	55	60	55	60
Weight (kg)	0.28	0.48	0.29	0.49	
Cover Lens	PC				
Housing	SPCC+PMMA				

### System Specifications

Power	220-240V AC 50/60Hz
Control	ON/OFF, Microwave
Mounting	Surface mounting
Operating Temperature	-20°C to +40°C
Storage Temperature	-40°C to +70°C
Environment	IP20 (Indoor)
Lumen Maintenance	L70 @25°C - 50,000hrs
Safety Approval	ON/OFF: Electrical Protection Class I, Microwave: Electrical Protection Class II, CB, CCC,

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.

12/21 V1.0 -Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

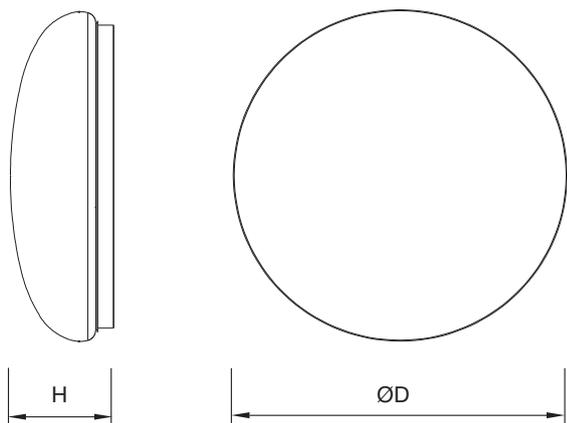
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## LED COMFO® Ceiling V3

### Dimensions



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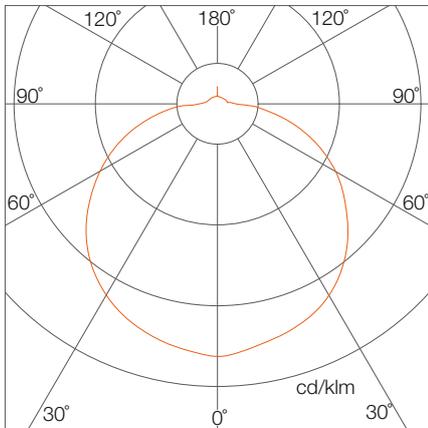
### Dimensions

	12W	22W
D	250mm	330mm
H	55mm	60mm

# LEDCOMFO® Ceiling V3

## Photometrics

### Light Distribution Curve



### Illuminance at a distance

	Center Beam Lux/klm	Beam Width
0.5m	1117	1.92m
1m	279	3.84m
1.5m	124	5.76m
2m	70	7.68m
2.5m	45	9.60m
3m	31	11.53m

For feet multiply by 3.28

● Horiz.Spread: 125.0°  
For fc divide by 10.7

Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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## LED COMFO® Ceiling V3

### Ordering Codes

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#### Fixture

Short Text	Power	CCT	Beam Angle	IC	EAN10	EAN40
LCM CEIL V3 12W 830 6X1 OSRAM	12W	3000K	120°	AM431410055	4062172262415	4062172262422
LCM CEIL V3 12W 840 6X1 OSRAM	12W	4000K	120°	AM431420055	4062172262439	4062172262446
LCM CEIL V3 12W 865 6X1 OSRAM	12W	6500K	120°	AM431430055	4062172262453	4062172262460
LCM CEIL V3 22W 830 6X1 OSRAM	22W	3000K	120°	AM431440055	4062172262477	4062172262484
LCM CEIL V3 22W 840 6X1 OSRAM	22W	4000K	120°	AM431450055	4062172262491	4062172262507
LCM CEIL V3 22W 865 6X1 OSRAM	22W	6500K	120°	AM431460055	4062172262514	4062172262521
LCM CEIL V3 12W 830 MW 6X1 OSRAM	12W	3000K	120°	AM431470055	4062172262538	4062172262545
LCM CEIL V3 12W 840 MW 6X1 OSRAM	12W	4000K	120°	AM431480055	4062172262552	4062172262569
LCM CEIL V3 12W 865 MW 6X1 OSRAM	12W	6500K	120°	AM431490055	4062172262576	4062172262583
LCM CEIL V3 22W 830 MW 6X1 OSRAM	22W	3000K	120°	AM431500055	4062172262590	4062172262606
LCM CEIL V3 22W 840 MW 6X1 OSRAM	22W	4000K	120°	AM431510055	4062172262613	4062172262620
LCM CEIL V3 22W 865 MW 6X1 OSRAM	22W	6500K	120°	AM431520055	4062172262637	4062172262644