

## LED COMFO® Louver

### Datasheet



LED COMFO® Louver series is an energy-saving LED lighting for office areas and offers better quality lighting performance and higher efficacy than conventional CFL louver. With low current ripple, it delivers comfortable and eye-safe light and is the cost-effective choice for 3 × 14W or 4 × 14W CFL replacements.

#### Benefits

Highly comfortable, uniform and consistent lighting

- Better lamp brightness (Up to 3400 lm)
- Current ripple <5%, without flicker to camera

Energy efficient, highly reliable CFL replacement

- Power factor 0.93
- Total Harmonic Distortion < 15%
- High efficacy (Up to 78 lm/W)

Flexible mountings to suit different installation requirements

- Recessed and suspended mounting

Robust

- Fixed diffuser prevent mosquito entry saving maintenance

#### Applications

- Offices
- Retail stores
- Schools
- Banks

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## Technical Data

### Optical Specifications

	36W	45W
Luminous Flux	2800 lm	3400 lm
Efficacy	78 lm/W	75 lm/W
CCT	4000K, 6500K	
CRI	>80	
SDCM	≤5	
UGR	<20	
Beam Angle	110°	

### Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz	
Power Consumption	36W	45W
Power Factor	>0.9	
Surge Protection	Line-to-line 1.5KV	
Total Harmonic Distortion	<12%	
Current Ripple	<5%	
Dimensions (L × W × H)	596mm × 596mm × 42mm	
Weight	3.5kg	
Cover Lens	PC diffuser	
Housing	SPCC steel	

### System Specifications

Power	AC line
Dimmable	ON/OFF only
Installation	Recessed and suspended mounting
Operating Temperature	-20°C to +35°C
Storage Temperature	-30°C to +80°C
Environment	Indoor (IP20)
Lumen Maintenance	L70 @25°C - 30,000hrs
Safety Approval	Electrical Protection Class II, CB, CE, CCC, Photo-biological safety, RoHS

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.

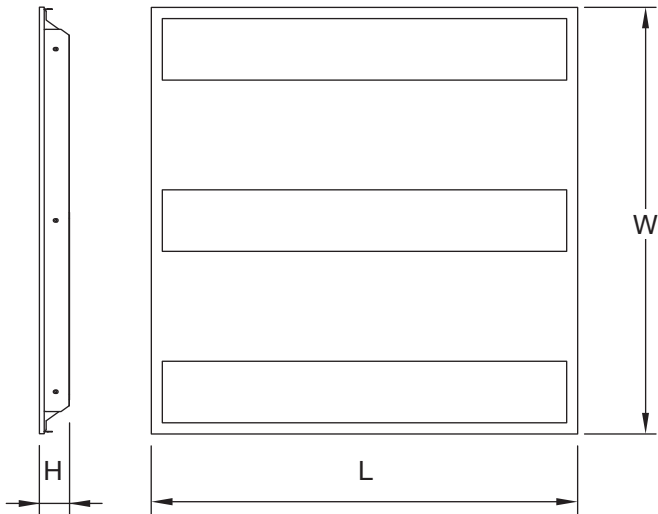
Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

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

09/16 V1.1 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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## Dimensions



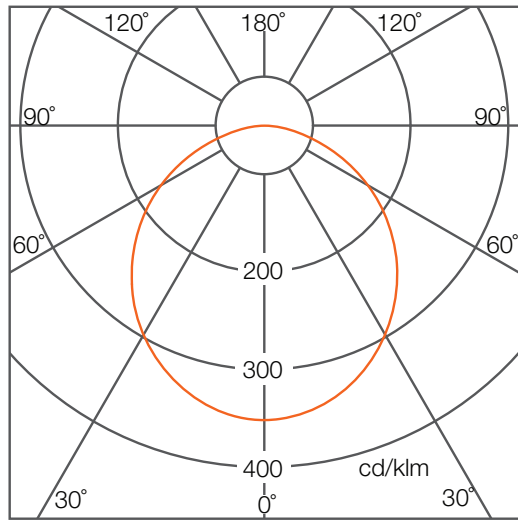
### Dimensions

<b>L</b>	596mm
<b>W</b>	596mm
<b>H</b>	42mm

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## Photometrics

### Light Distribution Curve (4000K, 6500K)



### Illuminance at a distance (4000K, 6500K)

	Center Beam Lux/klm	Beam Width
0.5m	1483	1.38m
1m	371	2.75m
1.5m	165	4.13m
2m	93	5.51m
2.5m	59	6.88m
3m	41	8.26m

● Spread: 108°

For feet multiply by 3.28

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.

## Ordering Codes

### Fixture

Short Text	Power	CCT	Material	EAN40
<b>LED COMFO LOU 0606 840 VS2 OSRAM</b>	36W	4000K	AB346100055	4052899306417
<b>LED COMFO LOU 0606 865 VS2 OSRAM</b>	36W	6500K	AB346110055	4052899306431
<b>LED COMFO LOU 0606HB 840 VS2 OSRAM</b>	45W	4000K	AB346120055	4052899306455
<b>LED COMFO LOU 0606HB 865 VS2 OSRAM</b>	45W	6500K	AB346130055	4052899306479