

LED COMFO® Louver V3

Datasheet



IP20 (IP40 for front lighting panel)

LED COMFO® Louver V3 is the latest LED back-lit louver solution for office applications. The newly product design provides high uniformity based on 2ft×2ft, 4ft×1ft, 4ft×2ft size, which available for four kinds of installation including recessed, suspended, PCV, integrated ceiling, fulfilling the different requirements of customers.

Benefits

Comfortable with high uniformity

- High quality diffuser with inside lens ensures high uniformity
- Without flicker
- Up to 110lm/W

Applications

- Offices
- Metros
- Hospitals
- Public buildings

Stable performance with safety and reliability

- 1.2KV line to line surge protection
- PF 0.95
- Strong frame with extrusion aluminum
- IP20 (IP40 for front lighting panel)
- 50,000hrs lumen maintenance - L70@25°C

Full range to fulfill all applications

- 2ft×2ft, 4ft×1ft, 4ft×2ft
- Recessed, suspended, integrated ceiling, PCV
- 3000K, 4000K, 6500K

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Technical Data

Optical Specifications

		2ft×2ft 34W	4ft×1ft 34W	4ft×2ft 60W	4ft×2ft 80W
Luminous Flux	3000K	3400 lm	3400 lm	6000 lm	8000 lm
	4000K	3740 lm	3740 lm	6600 lm	8800 lm
	6500K	3740 lm	3740 lm	6600 lm	8800 lm
Efficacy	3000K	100 lm/w			
	4000K	110 lm/w			
	6500K	110 lm/w			
CCT		3000K, 4000K, 6500K			
CRI		>80			
SDCM		<6			
UGR		<22			
Beam Angle		110°			

Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz			
Power Consumption	34W	34W	60W	80W
Power Factor	0.95			
Surge protection	Line to line 1.2KV			
Dimensions (L × W × H)	Recessed	595mm×595mm×25mm	1195mm×295mm×35mm	1195mm×595mm×35mm
	Integrated Ceiling	600mm×600mm×25mm	1200mm×300mm×35mm	1200mm×600mm×35mm
Weight		1.7kg	1.9kg	4kg
Lens	PMMA			
Cover	PS			
Frame	Aluminum			
Housing	SPCC			

System Specifications

Power	AC line
Control	ON/OFF
Mounting Type	Recessed/Suspended/Integrated ceiling/PCV
Operating Temperature	-20°C to +40°C
Storage Temperature	-20°C to +50°C
Environment	Indoor, IP20 (IP40 for front lighting panel)
Lumen Maintenance	L70@25°C - 50,000hrs
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.

v1.0 08/23- Official authorized licensee of the OSRAM trademark.

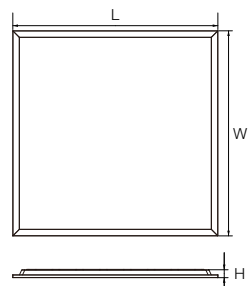
Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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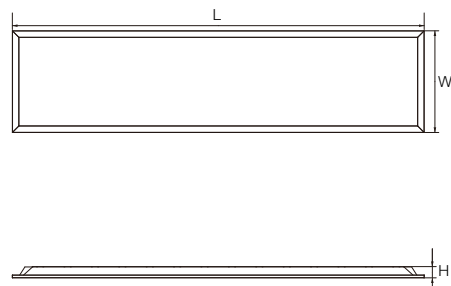
Dimension (Unit: mm)

Recessed/Suspended/PCV Mounting

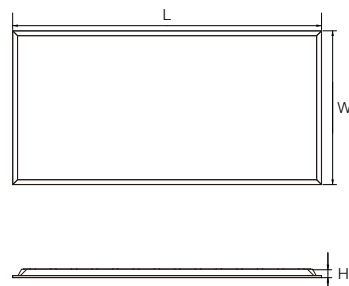
2ft×2ft



4ft×1ft



4ft×2ft

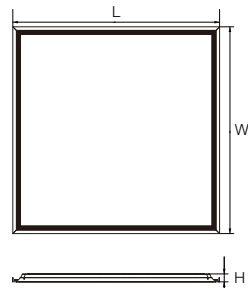


Dimensions

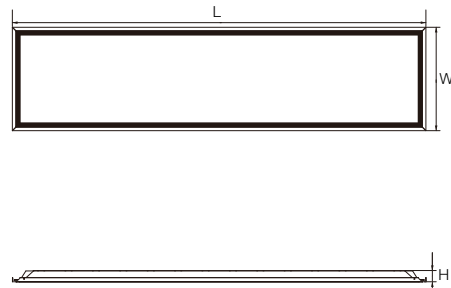
	2ft×2ft	4ft×1ft	4ft×2ft
L	595mm	1195mm	1195mm
W	595mm	295mm	595mm
H	25mm	35mm	35mm

Integrated Ceiling Mounting

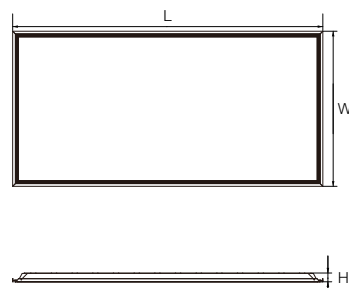
2ft×2ft



4ft×1ft



4ft×2ft



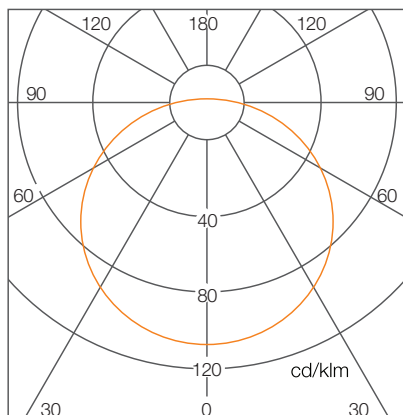
Dimensions

	2ft×2ft	4ft×1ft	4ft×2ft
L	600mm	1200mm	1200mm
W	600mm	300mm	600mm
H	25mm	35mm	35mm

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Photometrics

Light Distribution Curve



Illuminance at Distance

	Center Beam Lux/klm	Beam Width
0.5m	1339	1.59
1.0m	335	3.19
1.5m	149	4.78
2.0m	84	6.38
2.5m	54	7.97
3.0m	37	9.56

For feet multiply by 3.28

● Horiz. Spread: 115.8
For fc divide by 10.7

Ordering Codes

Fixture

Short Text	Power (W)	Dimension	CCT	Beam angle	Material
LCM LV V3 0606 34W 830 VS8 OSRAM	34W	2ft×2ft	3000K	110°	GL23100093455
LCM LV V3 0606 34W 840 VS8 OSRAM	34W	2ft×2ft	4000K	110°	GL23100093555
LCM LV V3 0606 34W 865 VS8 OSRAM	34W	2ft×2ft	6500K	110°	GL23100093655
LCM LV V3 0312 34W 830 VS5 OSRAM	34W	4ft×1ft	3000K	110°	GL23100093755
LCM LV V3 0312 34W 840 VS5 OSRAM	34W	4ft×1ft	4000K	110°	GL23100093855
LCM LV V3 0312 34W 865 VS5 OSRAM	34W	4ft×1ft	6500K	110°	GL23100093955
LCM LV V3 0612 60W 830 VS4 OSRAM	60W	4ft×2ft	3000K	110°	GL23100094055
LCM LV V3 0612 60W 840 VS4 OSRAM	60W	4ft×2ft	4000K	110°	GL23100094155
LCM LV V3 0612 60W 865 VS4 OSRAM	60W	4ft×2ft	6500K	110°	GL23100094255
LCM LV V3 0612 80W 830 VS4 OSRAM	80W	4ft×2ft	3000K	110°	GL23100094355
LCM LV V3 0612 80W 840 VS4 OSRAM	80W	4ft×2ft	4000K	110°	GL23100094455
LCM LV V3 0612 80W 865 VS4 OSRAM	80W	4ft×2ft	6500K	110°	GL23100094555
LCM LV V3 0606 34W 830 IT VS8 OSRAM	34W	2ft×2ft	3000K	110°	GL23100094655
LCM LV V3 0606 34W 840 IT VS8 OSRAM	34W	2ft×2ft	4000K	110°	GL23100094755
LCM LV V3 0606 34W 865 IT VS8 OSRAM	34W	2ft×2ft	6500K	110°	GL23100094855
LCM LV V3 0312 34W 830 IT VS5 OSRAM	34W	4ft×1ft	3000K	110°	GL23100094955
LCM LV V3 0312 34W 840 IT VS5 OSRAM	34W	4ft×1ft	4000K	110°	GL23100095055
LCM LV V3 0312 34W 865 IT VS5 OSRAM	34W	4ft×1ft	6500K	110°	GL23100095155
LCM LV V3 0612 60W 830 IT VS4 OSRAM	60W	4ft×2ft	3000K	110°	GL23100095255
LCM LV V3 0612 60W 840 IT VS4 OSRAM	60W	4ft×2ft	4000K	110°	GL23100095355
LCM LV V3 0612 60W 865 IT VS4 OSRAM	60W	4ft×2ft	6500K	110°	GL23100095455
LCM LV V3 0612 80W 830 IT VS4 OSRAM	80W	4ft×2ft	3000K	110°	GL23100095555
LCM LV V3 0612 80W 840 IT VS4 OSRAM	80W	4ft×2ft	4000K	110°	GL23100095655
LCM LV V3 0612 80W 865 IT VS4 OSRAM	80W	4ft×2ft	6500K	110°	GL23100095755
LCM LV V3 SUSPENSION KIT 4 VS100 OSRAM	Suspension kit for all dimensions				GL23100095855
LCM LV V3 PCV KIT 4 VS100 OSRAM	PCV kit for 2ft×2ft, 4ft×1ft				GL23100095955
LCM LV V3 PCV KIT 6 VS100 OSRAM	PCV kit for 4ft×2ft				GL23100096055



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