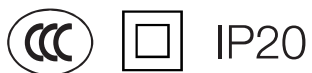


LED COMFO® Panel G2

Datasheet



LED COMFO® Panel G2 family is designed for small commercial projects that help users reduce purchasing cost and operating cost with its high lumen package, efficacy and long lifetime. With three different sizes, three ways of mounting, it nicely fits into different kinds of installation environment.

Benefits

Up to 34% luminaries saved

- 3500 lm for 4ft x 1ft and 2ft x 2ft, 34% higher than main stream products (2600 lm)
- True replacement for traditional panel, no need to change layout for replacement project

More than 25% operating cost saved

- 100 lm/W, which is 25% higher than mainstream product.

Improved sense of well-being from quality light

- Uniform light without bright frame or dark spot that improves visual effect of the space
- Flicker free to ensure visual comfort
- Minor light degradation to ensure long term effect

Applications

- Offices
- Hospitals
- Schools
- Banks
- Express stores

LED COMFO® Panel G2

Technical Data

Optical Specifications

	2ft x 2ft	4ft x 1ft	4ft x 2ft
Luminous Flux	3500 lm	3500 lm	5600 lm
Efficacy	100 lm/W		
CCT	4000K, 6500K		
CRI	≥80		
SDCM	≤5		
UGR	<22		
Beam Angle	120°		

Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz			
Power Consumption	35W	35W	56W	
Power Factor	0.9			
Surge Protection	Line-to-line 1KV			
Total Harmonic Distortion	<15%			
Dimensions (L x W x H)	Recessed / Suspended	595mm x 595mm x 9mm	1195mm x 295mm x 9mm	1195mm x 595mm x 11mm
	Integrated	600mm x 600mm x 15mm	1200mm x 300mm x 15mm	
Weight	2.6kg	2.7kg	5.2kg	
Cover Lens	PS			
Housing	Aluminium, white (RAL9003)			

System Specifications

Power	AC line		
Dimmable	ON/OFF only		
Installation	Recessed, suspended and integrated ceiling mounting		
Mounting Hole	580mm x 580mm	1180mm x 280mm	1185mm x 580mm
Operating Temperature	-20°C to +40°C		
Storage Temperature	-40°C to +80°C		
Environment	Indoor (IP20)		
LED Life	50,000hrs		
Safety Approval	Electrical Protection Class II, CB, 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.

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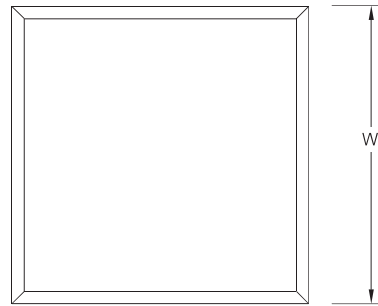
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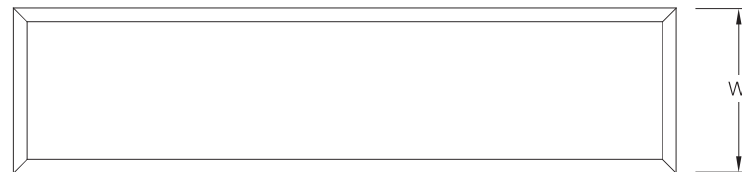
LED COMFO® Panel G2

Dimensions

2ft × 2ft



4ft × 1ft



4ft × 2ft



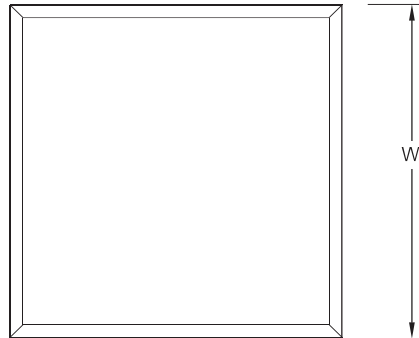
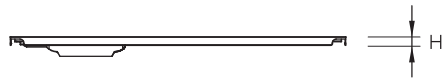
Dimensions

	2ft × 2ft	4ft × 1ft	4ft × 2ft
L	595mm	1195mm	1195mm
W	595mm	295mm	595mm
H	9mm	9mm	11mm

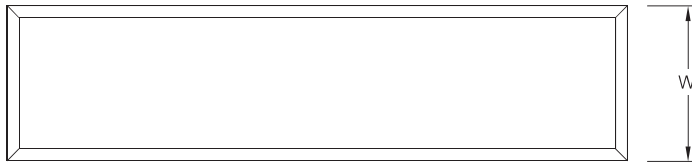
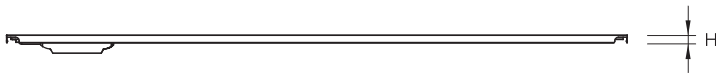
LED COMFO® Panel G2

Dimensions

2ft × 2ft



4ft × 1ft



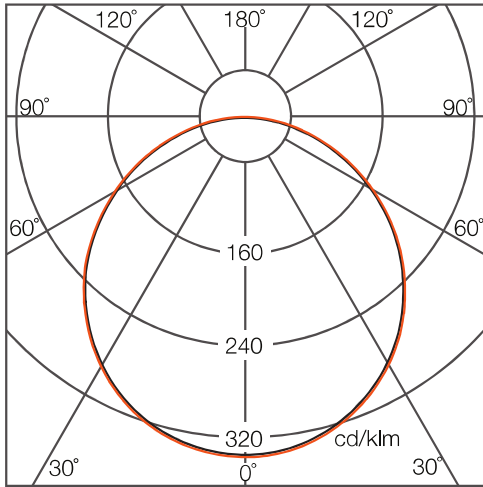
Dimensions

	2ft × 2ft	4ft × 1ft
L	600mm	1200mm
W	600mm	300mm
H	15mm	15mm

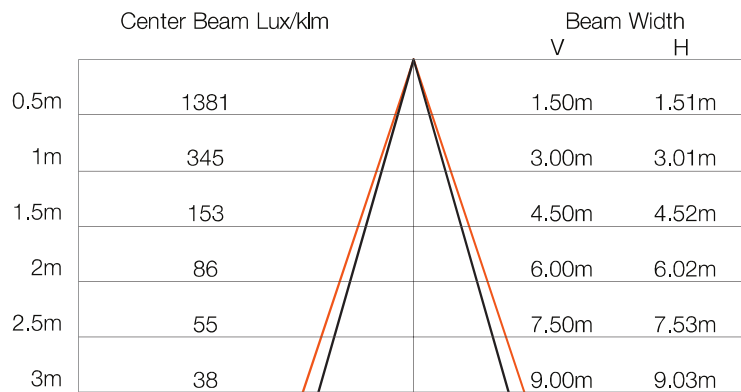
LED COMFO® Panel G2

Photometrics

Light Distribution Curve (4000K, 6500K)



Illuminance at a distance (4000K, 6500K)



● Vert. Spread: 112.6°

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® Panel G2

Ordering Codes

Fixture

Short Text	Power	Dimensions	CCT	Material	EAN10	EAN40
LED COMFO PANEL G2 0312 840 2X1 OSRAM	35W	2ft x 2ft	4000K	AM149460055	4052899567290	4052899567306
LED COMFO PANEL G2 0312 865 2X1 OSRAM	35W	2ft x 2ft	6500K	AM149470055	4052899567313	4052899567320
LED COMFO PANEL G2 0312 840 IT 2X1 OSRAM	35W	2ft x 2ft	4000K	AM149520055	4052899567412	4052899567429
LED COMFO PANEL G2 0312 865 IT 2X1 OSRAM	35W	2ft x 2ft	6500K	AM149530055	4052899567436	4052899567443
LED COMFO PANEL G2 0606 840 2X1 OSRAM	35W	4ft x 1ft	4000K	AM149480055	4052899567337	4052899567344
LED COMFO PANEL G2 0606 865 2X1 OSRAM	35W	4ft x 1ft	6500K	AM149490055	4052899567351	4052899567368
LED COMFO PANEL G2 0606 840 IT 2X1 OSRAM	35W	4ft x 1ft	4000K	AM149500055	4052899567375	4052899567382
LED COMFO PANEL G2 0606 865 IT 2X1 OSRAM	35W	4ft x 1ft	6500K	AM149510055	4052899567399	4052899567405
LED COMFO PANEL G2 0612 840 2X1 OSRAM	56W	4ft x 2ft	4000K	AM149550055	4052899567450	4052899567467
LED COMFO PANEL G2 0612 865 2X1 OSRAM	56W	4ft x 2ft	6500K	AM149540055	4052899567474	4052899567481