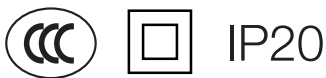# LEDCOMFO® Panel
Datasheet

CCC | IP20

LEDCOMFO® Panel series is a cost-effective side-lit luminaire with slim size that offer uniform full surface lighting. Suitable for recessed, suspended and integrated ceiling mounting, the extreme thin height of luminaire makes the installation really easy and simple, and fit in any tight installation space. LEDCOMFO® Panel series is an excellent choice for quality projects with a tight budget.

Benefits

Excellent lighting effect
- High quality LED brings higher consistency
- Good uniformity with well-designed side-lit technology

Efficient
- Up to 100 lm/W efficacy
- Less than 1 year payback

Reliability
- Seamless metal rim offers robust structure
- 3KV surge stand up for challenging electrical situation
- 25,000hrs lifetime

Flexibility
- Max. 11mm height fits in tight installation space
- T-bar recessed and integrated ceiling recessed installation
- Offer normal and high brightness version for choosing

Applications

- Offices
- Hospitals
- Schools
- Banks
- Express stores

LEDCOMFO® Panel
Technical Data

Optical Specifications

	2ft × 2ft Low Power	2ft × 2ft	4ft × 1ft
Luminous Flux	2600 lm	3200 lm	3200 lm
Efficacy	100 lm/W		
CCT	4000K, 6500K		
CRI	80		
SDCM	<5		
UGR	<22		
Beam Angle	110°		

Electrical and Mechanical Specifications

		2ft × 2ft Low Power	2ft × 2ft	4ft × 1ft
Input Voltage		220-240V AC 50/60Hz		
Power Consumption		26W	32W	32W
Power Factor		0.9		
Surge Protection		Line-to-line 3KV		
Dimensions (L × W × H)	Recessed with screws	596mm × 596mm × 11mm	596mm × 596mm × 11mm	1196mm × 296mm × 11mm
	Integrated	600mm × 600mm × 15mm	600mm × 600mm × 15mm	1200mm × 300mm × 15mm
Weight		2.9kg	2.9kg	2.9kg
Cover Lens		PS		
Housing		Aluminium, white (RAL9003)		

System Specifications

		2ft × 2ft Low Power	2ft × 2ft	4ft × 1ft
Power		AC line		
Dimmable		ON/OFF only		
Installation		Recessed, suspended and integrated ceiling mounting		
Mounting Hole	Recessed with clips	585mm × 585mm	585mm × 585mm	1185mm × 285mm
Operating Temperature		−20°C to +40°C		
Storage Temperature		−40°C to +80°C		
Environment		Indoor (IP20)		
Lumen Maintenance		L70 @25°C - 25,000hrs		
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.

01/17 V1.0 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

LEDCOMFO® Panel

Dimensions

Recessed Mounting (with screws)

2ft × 2ft
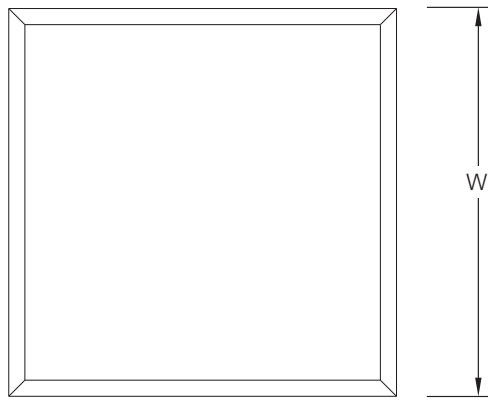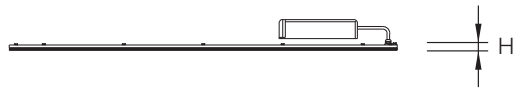
4ft × 1ft
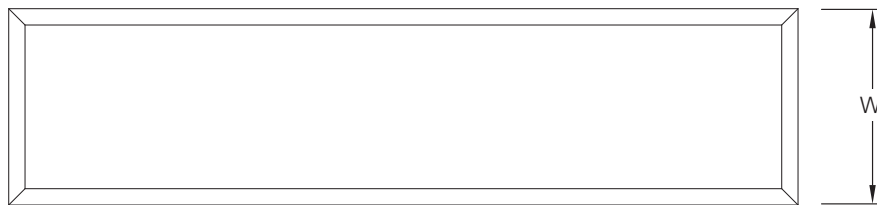
Dimensions

	2ft × 2ft	4ft × 1ft
L	596mm	1196mm
W	596mm	296mm
H	11mm	11mm

LEDCOMFO® Panel
Dimensions
Integrated Ceiling Mounting
2ft × 2ft
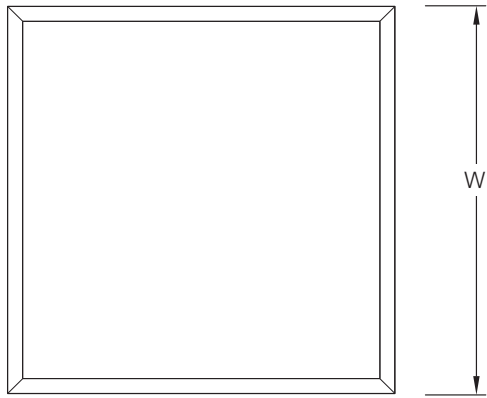
4ft × 1ft
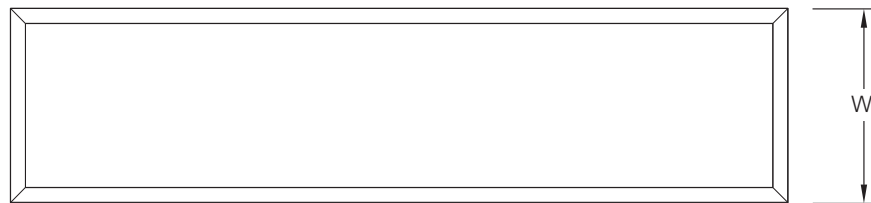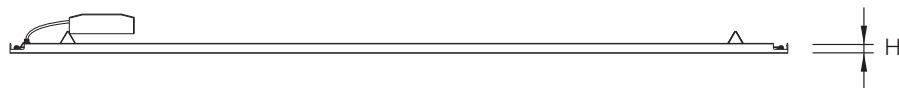
Dimensions

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

LEDCOMFO® Panel

Photometrics

Light Distribution Curve (4000K, 6500K)
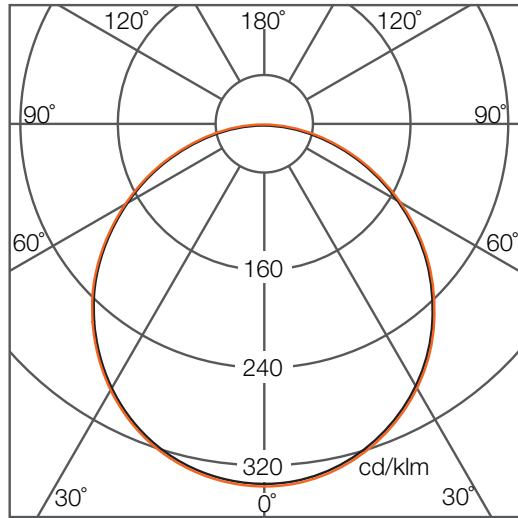
Illuminance at a distance (4000K, 6500K)

	Center Beam Lux/klm	Beam Width V	H
0.5m	1381	1.50m	1.51m
1m	345	3.00m	3.01m
1.5m	153	4.50m	4.52m
2m	86	6.00m	6.02m
2.5m	55	7.50m	7.53m
3m	38	9.00m	9.03m

● Vert.Spread: 112.6°
● Horiz.Spread: 112.8°

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	Dimensions	CCT	Material	EAN10	EAN40
LEDCOMFO PANEL LP 0606 840 5X1 OSRAM	26W	2ft × 2ft	4000K	AM044840055	4052899489950	4052899489967
LEDCOMFO PANEL LP 0606 865 5X1 OSRAM	26W	2ft × 2ft	6500K	AM044850055	4052899489974	4052899489981
LEDCOMFO PANEL 0606 840 5X1 OSRAM	32W	2ft × 2ft	4000K	AM044860055	4052899489998	4052899490000
LEDCOMFO PANEL 0606 865 5X1 OSRAM	32W	2ft × 2ft	6500K	AM044870055	4052899490017	4052899490024
LEDCOMFO PANEL 0312 840 5X1 OSRAM	32W	4ft × 1ft	4000K	AM044880055	4052899490031	4052899490048
LEDCOMFO PANEL 0312 865 5X1 OSRAM	32W	4ft × 1ft	6500K	AM044890055	4052899490055	4052899490062
LEDCOMFO PANEL LP 0606 840 IT 5X1 OSRAM	26W	2ft × 2ft	4000K	AM044900055	4052899490079	4052899490086
LEDCOMFO PANEL LP 0606 865 IT 5X1 OSRAM	26W	2ft × 2ft	6500K	AM044910055	4052899490093	4052899490109
LEDCOMFO PANEL 0606 840 IT 5X1 OSRAM	32W	2ft × 2ft	4000K	AM044920055	4052899490116	4052899490123
LEDCOMFO PANEL 0606 865 IT 5X1 OSRAM	32W	2ft × 2ft	6500K	AM044930055	4052899490130	4052899490147
LEDCOMFO PANEL 0312 840 IT 5X1 OSRAM	32W	4ft × 1ft	4000K	AM044940055	4052899490154	4052899490161
LEDCOMFO PANEL 0312 865 IT 5X1 OSRAM	32W	4ft × 1ft	6500K	AM044950055	4052899490178	4052899490185

01/17 V1.0 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.