



Active Online



Professional LED Panel Lighting


LPL-C Series: Low unified glare rating panel lighting available in 40W

ENSA™ LED panel lights are for replacing traditional tube lighting and are best suited for office and business, in medical and educational environments, in conference rooms, and more. These convenient and efficient lights have a standard rectangular profile (1200 x 300mm) and can be easily recessed in tiled ceilings, surface mounted or suspension mounted.

ENSA™ LED panel lights features a low Unified Glare Rating, providing a pleasing light that isn't distracting or detrimental to workplace productivity. They are the efficient LED upgrade solution for fluorescent tube troffers.

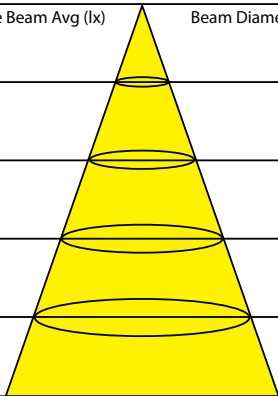
- High luminous efficacy LED flood lighting (120lm/W)
- Minimalist, stylish & efficient LED panel light
- Recessed, surface and hanging mounting options
- Wide 110° beam angle for even light distribution
- Low UGR: Create pleasing, low glare, well lit spaces
- Designed to easily replace fluorescent troffer fixtures
- IP20 rated housing for indoor applications only
- Available in 5000K cool white colour temperature

Series Specifications

Model	LPL-C40
Product Image	
Series Name	LPL-C Series Professional LED Panel Lights
Optical	
Light Output	4800lm
Luminous Efficacy	120lm/W
Colour Temperature	5000K
Colour Rendering Index	>80
Beam Angle	110°
Rated Lifespan	50,000hrs (L80B20 at 25°C)
Electrical	
Power Consumption	40W
Input Voltage	200 ~ 240VAC 50/60Hz
Output Voltage	28 ~ 40VDC
Power Factor	> 0.9
Standards	Safety: EN60598-1;EN60598-2-2 / EMC: EN55015;EN61000-3-2;EN61000-3-3;EN61547
Dimmable	N/A
Overload Protection	103 ~ 120% Auto Resume
General	
Ingress Protection	IP20
Plug / Socket / Base	3-pin AC plug
Reflector / Diffuser	Frosted diffuser with UGR <22
Housing Adjustments	Recessed (standard) / Surface Frame (LPL-C-S) / Recessed Frame (LPL-C-R)
Operating Environment	-25°C ~ 40°C / 10% ~ 90%RH
Dimensions	295 x 1195 x 30mm
Certifications	ENEC/CB approved

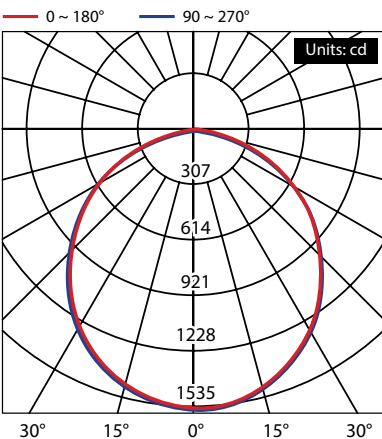
Photometry

Illuminance
at a Distance



	Centre Beam Avg (lx)	Beam Diameter (m)
1.5m	196	4.59
2m	110	6.13
4m	28	12.25
4.5m	22	13.78
6m	12	18.38

Luminous Light
Distribution



0 ~ 180° 90 ~ 270°

Units: cd

307
614
921
1228
1535




90°
75°
60°
45°
30° 15° 0° 15° 30°

Ordering Information

Type	Series	Wattage	Colour Temperature
LPL	-	C Rectangular	40 (40W) - C (Cool white)

LPL-C40-C: 40W LED Panel Light in Cool White

Accessories

Model	LPL-C-S	LPL-C-R	LPL-C-H
Product Image			
Type	Surface Mount Frame	Recessed Mount Frame	Hanging Mount Kit
Description	Recessed mounted frame suitable for flat ceiling installations	Surface mounted frame suitable for concealed installations in ceilings	Mount kit suitable for hanging panel lights 1mm from the ceiling

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