



Square/Rectangle LED Panel

Spec Sheet

Overview

The Carbon8Lighting LED Panel offers excellent performance matched with superb reliability. Ease of installation and exceedingly low maintenance make the Carbon8Lighting LED Panel the ideal choice for new or retrofit installation.

The slim aluminium bezel and smooth surface of the panel create a sleek stylish finish. The indirect light source produces a superb even light dispersal making Carbon8's LED Panel ideal for a broad range of retail and office environments. A range of options include a choice of colour temperature, dimming control and emergency version.

Features & Benefits

- Powder Coated Aluminium casing with Polycarbonate Diffuser.
- IP40 Rated.
- Dimming control Options.
- Light output performance up to 125lm/W.
- Carbon8's Unique 5 Year Premier Care Warranty Program.
- Emergency option using Carbon8 Univesal LED Emergency pack.
- Option for suspended cable hanging/surface mounting.

Application



OFFICE
LIGHTING

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LIGHTING

Technical Specification

Description: Square/Rectangle LED Panel Light

Recommended Product Location: Office/Retail

PRODUCT DETAILS	
Case Material	Aluminium+PC
Voltage	200-240V AC
IP Rating	IP65
Typical Lumens per watt	130 lm/w
Colour Rendering	>80
Operating Temperature	-20°C to +40°C
Beam angle	120°
Warranty	5 year Premier Care (3 year on EM3)
Colour Temperature	5000k as standard
Power Factor	>0.95
Lens Material	Polycarbonate
Driver	Meanwell
OPTIONS	
Built in PIR	
Built in microwave sensor	✓
Dimmable	✓
12-24v	
Emergency	✓
Casing colour choice	

Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS	WEIGHT	DIMENSIONS
18W	18W	1601	1.5kg	295x295x12.5mm
20W	20W	2539	1.5kg	595x595x12.5mm
36W	36W	3755	2.5kg	595x595x12.5mm
36W	37W	4305	3kg	1195x295x12.5mm
72W	78W	6733	3kg	1195x295x12.5mm

Diagram of 18W 300x300 LED Panel

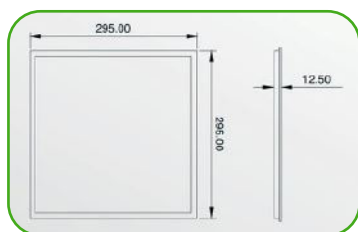


Diagram of 20W / 36W 600x600 LED

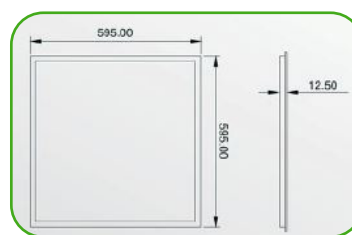
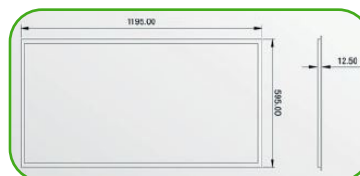


Diagram of 36W 1200x300 LED Panel



Diagram of 72W 1200x600 LED Panel



The Square/Rectangle LED Panel is covered by Carbon8Lighting's unique 5 Year Premier Care Warranty. Very rarely, even a Carbon8 fitting can become faulty. Should this happen at any point during the 5 year warranty, Carbon8 will send an advance replacement fitting to site, pay up to £250+VAT towards the exchange and collect the swapped fitting from site. As well as minimising down time, this unique warranty reassures customers investing in a Carbon8 product, there will be no hidden cost of ownership.

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