

100102 4000K CARIDA ECO 600X600 Backlit Tp(b) LED Panel



FEATURES

- Available in 4000K/6000K
- 120lm/w output
- 3-Year warranty
- TP(b) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available



Our high-performance LED panel, Carida, is now available in a more cost-effective version — Carida Eco. In cool white (4000K) with a TP(b) diffuser, it's perfect for offices, schools, corridors, and other commercial spaces. With a 3-year warranty and the same reliable performance, Carida Eco is the smart choice when budget matters.

AVAILABLE OPTIONS



Emergency



Push Dimmable



DALI Dimmable



1-10V Dimmable

Code	Description	Wattage	Colour	Lumens
100102	CARIDA ECO 600X600 Backlit TP(b) LED Panel – 4000K	30W	4000K	3600lm
100102 - EM	CARIDA ECO 600X600 Backlit TP(b) LED Panel - EMERGENCY	30W	4000K	3600lm
100102 - DD	CARIDA ECO 600X600 Backlit TP(b) LED Panel - DALI DIM	30W	4000K	3600lm
100102- SD	CARIDA ECO 600X600 Backlit TP(b) LED Panel - PUSH DIM	30W	4000K	3600lm
100102 - AD	CARIDA ECO 600X600 Backlit TP(b) LED Panel - 1-10V DIM	30W	4000K	3600lm

TECHNICAL SPECIFICATION

LED Type/Qty	SMD2835/48
Lumen Efficacy	120lm/w
Wattage	30W
Colour Temperature	4000K/6000K
Luminous Flux	3600lm/3700lm
UGR Data	UGR >19
Colour Index	Ra>80
Dimming Options Available	1-10V / DALI
Input Voltage	AC200-240V/50Hz
Max Driver Current	750mA
Working Voltage	DC27-42V
IP Rating	IP20
Operating Temperature	-15° - +50°C
Lumen Maintenance	L80/B20 @ 30,000hrs

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TECHNICAL SPECIFICATION

Warranty	3 Years
Switching Cycles	> 100,000
Power Factor	> 0.9
Fireproof	TP(b)
Driver Manufacturer	Eaglerise
Overall Dimensions	595X595X32MM
Product Weight (kg)	1.85kg
Minimum Void Requirement	50mm
Method of fix	Ceiling mounting
Origin of manufacturer	China
Primary Running Current (Amp)	0.13A
Class	Class II
Inrush current (Amps)	0.35A
EMC Compliant (EN55015)	Yes
Input Electrical Connections	Terminal block
Thermal Cut Out	No
Insulation Coverage	Cover
Minimum Free Air Space	50mm
LED Life (Hours)	>50000h@Tc=75°C
CE Marked	Yes
UKCA Marked	Yes
Beam Angle	120°
Primary Material	Aluminum
Inner Diffusor	Polycarbonate diffusor
Outer Diffusor	TP(b) diffusor
Heat Sink	Aluminum Frame
Driver Housing	Plastic
Manufactured in accordance to	ISO 9001

