# 100003 6000K
# **CARIDA** 600X600 Backlit TP(a) LED Panel

Performance LIGHTING
performance without compromise

## FEATURES

- Available in 3000K/4000K/6000K
- 120lm/w output
- 5-Year warranty
- TP(a) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available

IP20

## AVAILABLE OPTIONS

Emergency | Push Dimmable | Dali Dimmable | 1-10V Dimmable

Carida is our high-performance 600x600 30W back-lit LED Panel. In bright 6000K daylight white. Designed for clinical, industrial, and high-focus environments, it delivers crisp, clear illumination that enhances visibility without compromising on energy efficiency.

| Code | Description | Wattage | Colour | Lumens |
|---|---|---|---|---|
| **100003** | CARIDA 600X600 Backlit TP(a) LED Panel – 6000K | 30W | 6000K | 3700lm |
| **100003 - EM** | CARIDA 600X600 Backlit TP(a) LED Panel - EMERGENCY | 30W | 6000K | 3700lm |
| **100003 - DD** | CARIDA 600X600 Backlit TP(a) LED Panel - DALI DIM | 30W | 6000K | 3700lm |
| **100003- SD** | CARIDA 600X600 Backlit TP(a) LED Panel - PUSH / SWITCH DIM | 30W | 6000K | 3700lm |
| **100003 - AD** | CARIDA 600X600 Backlit TP(a) LED Panel - 1-10V DIM | 30W | 6000K | 3700lm |

## TECHNICAL SPECIFICATION

| | |
|---|---|
| **LED Type/Qty** | SMD2835/48 |
| **Lumen Efficacy** | 120lm/w |
| **Wattage** | 30W |
| **Colour Temperature** | 6000K |
| **Luminous Flux** | 3700lm |
| **UGR Data** | UGR >19 |
| **Colour Index** | Ra>80 |
| **Dimming Options Available** | 1-10V / DALI / PUSH |
| **Input Voltage** | AC200-240V/50Hz |
| **Max Driver Current** | 750mA |
| **Working Voltage** | DC27-42V |
| **IP Rating** | IP20 |
| **Operating Temperature** | -15° - +50°C |
| **Lumen Maintenance** | L80/B10 @ 50,000hrs |

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## TECHNICAL SPECIFICATION

| | |
|---|---|
| **Warranty** | 5 Years |
| **Switching Cycles** | > 100,000 |
| **Power Factor** | > 0.9 |
| **Fireproof** | TP(a) |
| **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 diffuser |
| **Outer Diffusor** | TP(a) diffuser |
| **Heat Sink** | Aluminum Frame |
| **Driver Housing** | Plastic |
| **Manufactured in accordance to** | ISO 9001 |

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