QE Global

10 years of better

Design engineered LED lighting

SQUARE LED LIGHT PANEL

ECCP DATASHEET

The ECCP square LED light panel has been developed as an alternative to suspended ceiling fluorescent light boxes. It is designed as a completely self-contained unit that easily fits into a 600mm x 600mm (2ft x 2ft) ceiling tile space. The sealed unit has a simple external electrical connection, which means no extra fittings are required.

Our panels use 70% less energy and have a lifespan of over three to four times longer than an equivalent fluorescent fitting.

Standard frame colour is silver

APPLICATION AREAS

- Education
- Hospitality
- Healthcare
- Office
- Industry
- Retail

FEATURES & BENEFITS

- No flicker
- No UV
- No glass
- No mercury
- No phosphor
- No maintenance for the life of the light
- 3 year QE Global warranty

ECA INFO

Our square LED light panels qualify for the Enhanced Capital Allowance (ECA) scheme. The Carbon Trust offer up to 4 year interest free loans to qualifying companies, meaning your organisation can claim back the tax on the purchase and installation in the tax year end. See **www.carbontrust.co.uk** for more details.

CE RoHS 2002/95/EC FETA

ISO 9001:2008 REGISTERED FIRM · ISO 14001:2004 REGISTERED FIRM · OHAS 18001:2007 REGISTERED FIRM

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TECHNICAL SPEC

Electrical parameters	
Input voltage	100V to 240V
Frequency	55Hz to 60Hz
Power supply efficiency	85%
Power	42W
Power factor conversion	0.93

Optical parameters	
Luminaire efficiency	90%
LED quantity	648pcs
Lumen output	3,570lm
Colour rendering index	80Ra
LED efficiency	85lm/W
Colour temperatures	3,500K | 4,200K | 5,000K | 6,000K
Beam spread	130˚

Other parameters	
Operating temperatures	-20˚C to +40˚C | -4˚F to +104˚F (humidity 15% to 70%)
Storage temperatures	-20˚C to +50˚C | -4˚F to +122˚F
Sizes	594mm x 594mm x 42.5mm (23.4in x 23.4in x 1.8in)
Main materials	Aluminium | V0 rated polycarbonate
Appearance	Clear | Milky
IP rating	IP54
Life span	50,000 hours

24 MONTHS — PAYBACK ON ENERGY USAGE (ON AVERAGE)

48 HRS — TESTING ON EVERY SINGLE LIGHT BEFORE DESPATCH

100% — RECYCLING OF ALL OF OUR LED LIGHTS BY QE GLOBAL

70% LESS — ENERGY USED COMPARED TO A STANDARD LIGHT (ON AVERAGE)

98% — MINIMUM LIGHT OUTPUT COMPARED TO A STANDARD LIGHT