



LARGE LED SPOT LIGHT

QEAR111 DATASHEET

The QEAR111 large LED spot light is designed to the highest standards and manufactured using powerful multi-layered LEDs, which produce an extremely high and stable output of light, but use 70% less energy compared to a standard light.

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 large LED spot lights 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.

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TECHNICAL SPEC

Electrical parameters

Input voltage	85V to 240V
Frequency	50Hz to 60Hz
Power supply efficiency	85%
Power	12W
Power factor conversion	0.93

Optical parameters

Luminaire efficiency	90%
LED quantity	1x COB
Lumen output	1,044lm
Colour rendering index	80Ra
LED efficiency	87lm/W
Colour temperatures	3,000K 4,200K 5,000K 6,000K
Beam spread	100° to 120°

Other parameters

AIRTIGHT FIXTURES FORBIDDEN

Operating temperatures	-20°C to +50°C -4°F to +122°F
Storage temperatures	-20°C to +70°C -4°F to +158°F
Sizes	Ø111mm x 70mm (Ø4.4in x 2.8in)
Main materials	Aluminium V0 rated polycarbonate
IP rating	IP20 (bulb)
Life span	50,000 hours



PAYBACK ON ENERGY USAGE (ON AVERAGE)



TESTING ON EVERY SINGLE LIGHT BEFORE DESPATCH



RECYCLING OF ALL OF OUR LED LIGHTS BY QE GLOBAL



ENERGY USED COMPARED TO A STANDARD LIGHT (ON AVERAGE)



MINIMUM LIGHT OUTPUT COMPARED TO A STANDARD LIGHT