



## SMALL LED SPOT LIGHT

### QEMR16 DATASHEET

The QEMR16 small LED spot light are 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.

#### 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 small 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](http://www.carbontrust.co.uk) for more details.



## QEMR16 DATASHEET

### TECHNICAL SPEC

Electrical parameters	Not suitable for dimmers
Input voltage	9V to 16V
Frequency	55Hz to 60Hz
Power supply efficiency	70%
Power	5W
Power factor conversion	0.90

Optical parameters	
Luminaire efficiency	90%
LED quantity	9pcs
Lumen output	425lm
Colour rendering index	80Ra
LED efficiency	85lm/W
Colour temperatures	3,000K   4,200K
Beam spread	140°

Other parameters	AIRTIGHT FIXTURES FORBIDDEN
Operating temperatures	-20°C to +40°C   -4°F to +104°F (humidity 10% to 90%)
Storage temperatures	-40°C to +80°C   -40°F to +176°F
Sizes	Ø50mm x 47.6mm (Ø2.4in x 1.9in)
Main materials	Aluminium   Polycarbonate
IP rating	IP54
Life span	20,000 hours

### ADDITIONAL INFO

Our small LED spot light can be installed and used in accordance with electromagnetic controls.



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