



# Quinturm Technologies Pte Ltd

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## Q – eCO Lamp

### High Power LED Lamps – MR16

#### Product Specification

Q-eCO LED Lamps offer a high efficient, energy saving benefits of up to 80% compare to halogen MR16 lamps and produce no ultraviolet or infrared radiation. It has a highly intense and clearly defined beam that does not generate heat.

The Q-eCO LED Lamp is best suited for accent and decorative lighting for shops, restaurants, hotels to illuminate on objects or products. With its long lifespan it will be a perfect solution to have it installs at areas where required minimum maintenance.



#### Product Description

- 12V AC / DC, 5.04Watts
- Energy Saving up to 80%
- Long lifetime of 20,000 hours @ Tj < 85degC
- Ecologically Friendly
- High Reliability
- Efficient Plug & Play Solution
- No radiation of heat, Ultraviolet and Mercury
- Direct replacement for existing MR16 lamps
- RoHs compliance

#### LED Color Available

- Daylight White & Warm White

#### Applications

- Suitable for illuminating on heat-sensitive objects & products, eg. antiques, art galleries, museums etc
- Accent and decorative lighting
- Illuminating on small objects & products in hotels, restaurants, retail shops, offices etc

#### Importance Note

- Not advisable to be plugged into lighting with dimming control
- Compatible with most switching transformer

#### Models:

- 5.04Watts
- MR16-E9-DW
- MR16-E9-WW
- Φ49.50
- Ht44
- GU5.3

#### Product Specification:

##### QT-MR16-E9-XX

	Daylight White	Warm White
Model Name	MR16-E9-DW	MR16-E9-WW
Part / Order No.	eCO100	eCO200
Description	MR16, 5Watts, Daylight White, 12VAC/DC, Beam Angle 60o	MR16, 5Watts, Warm White, 12VAC/DC, Beam Angle 60o
Weight (g)	~ 53	
Dimension (mm)	Φ49.50 x 44(ht)	
Base	GU5.3	
Type of lighting	MR16	
DC Power Rating	5Watt (typ)	
Input Voltage / Current	12V AC/DC 0.46A (typ)	
Efficiency	> 90%	
Optical Lens	15, 30 & 45 degree	
Lumen (Integrated)	300 lm (typ)	280 lm (typ)
CRI	75	70
CCT	5500K ~ 6500K	2800K ~ 3200K
Lm / Watt (System)	70 lm/W(typ)	70 lm/W(typ)
Operating Temperature	-20 ~ 45 Degree C	
Humidity	10 – 85%(Non-Condensation)	
Retail Price	\$ 29.99/pc	
ROI (12hrs/day @ 0.2356 ~ 0.3045 kwh)	5 ~ 7 months	
Warranty	1 year	