



REALITY DIMMABLE MR16 LED 7W LAMP OCT 2010 PART L residential-commercial



- The MR16 LED 7W is a 7W LED lamp designed to fit in any MR16 lampholder. The MR16 LED 7W is fully dimmable with all **leading edge** dimmers (we recommend against trailing edge) and also complies with the October 2010 Part L Regulations.
- Only USE The LED Driver (Model: GY7WX1) .

Key Features

- Complies with October 2010 Part L regulations
 - L1A New dwellings
 - L1B Existing Dwellings
 - L2A New Buildings other than Dwellings
 - L2B Existing Buildings other than dwellings
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10
- Lifetime of **25,000hrs**
- Fits MR16 lampholder

LED Driver(Model:GY7WX1) Specification

Input Voltage	240Vac
Output	36Vdc 150mA Max
Wattage	7W
Power Factor	0.94
IP Rating	IP20
Case size (length*width*thickness)	90mm*43mm*24mm

The MR16 LED 7W Bulb Specification

1. CITIZEN LED
2. Warm White 2700K 630lm
CRI 80 90 lm/W
3. Reflecting cup Angle : 24° 45°
4. Input : 36Vdc 150mA Max
5. No polarity
6. Dimension : Diameter 50mm MAX High 58mm MAX

Test Report for MR16 LED 7W Dimmable

Manufacturer	Product Name	Product Code	Wattage	Min Load Required	LED Bulb Quantity
ATON	2 Way 400W Push Dimmer Module	IDIMP400	4-400W	NO	1---20
ATON	2 Way 1000W Push Dimmer Module	IDIMP1000	10-1000W	NO	1---20
DANLERS	2 Way 250W Push Dimmer Module	DPD250W	40-250W	NO	1---20
DANLERS	2 Way 400W Push Dimmer Module	DPD400W	60-400W	NO	1---20
FOCUS SB	2 Way 400W Push Dimmer Module	SB-DSP400X	60-400W	NO	1---20
LUTRON	Rania 1 Gang 450W Master Dimmer	RNSU-452B	50-450W	NO	2---20
LUTRON	Lyneo 1 Gang 500W Dimmer	LLSI-502B	40-500W	NO	2---20
LUTRON	Grafik Eye QS 4 Circuit 500W Dimmer	QSGRK-4PCE	40-500W	NO	1---20
LUTRON	Grafik Eye 4 Circuit 800W Dimmer	GRX3104TCE	40-800W	NO	1---20
MK	2 Way 450W Push Dimmer	MK1535 WHITE	65-450W	NO	2---20
RAKO	Trailing Edge 500W Dimming Pack	RDT500-C	1-500W	NO	1---20
SUPERSWITCH	2 Way 250W Push Dimmer	WHDSW1 250W	40-250W	NO	1---20
WISE CONTROLS	Fusion 1 Gang 450W Dimmer	WISE FUSIONREC1	25-450W	NO - Must use LED Mode	4---20
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 500W	WISESCENE DIM	25-500W	NO	5---20
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 250W	WISESCENE OCTO	25-250W	NO - Must use LED Mode	3---20
WISE CONTROLS	Dimming Receiver 4 Channel 700W	WISEDIMREC BOX	60-700W	NO	1---20
ZANO	500W(T)400W(VA)66W(CFL)50W(LED)	ZGRID500	40-500W	NO	1---20
MK	230V 50Hz 40W/VA-200W/180VA	K4501	40-220W	NO	1---20

***Where a minimum load is required, please use the recommended items within the brackets in the section above.**

The above list of dimmers have been tested with the MR16 LED 7W . Please speak to your supplier if you would like your dimmer added to our testing list.

• FOR USE WITH LEADING EDGE DIMMERS ONLY.

Available Lamps

Product Code	Angle	Temp	Lumens	lm/W	Life
MR16 LED 7W 24D W/W	24°	W/W 2700k	630	90	25000hrs
MR16 LED 7W 45D W/W	45°	W/W 2700k	630	90	25000hrs

Light Cone Data

Warm White

MR16 LED 7W 2700k 24D

Lux at a Distance

1m	2777.78 lux	32cm
2m	694.45 lux	63cm
3m	308.64 lux	95cm
4m	173.61 lux	127cm
5m	111.11 lux	159cm
6m	77.16 lux	190cm
7m	56.69 lux	222cm
8m	43.40 lux	254cm
9m	34.29 lux	285cm
10m	27.78 lux	317cm

Beam Angle: 24°

MR16 LED 7W 2700k 45D

Lux at a Distance

1m	1186.05 lux	50cm
2m	296.51 lux	99cm
3m	131.78 lux	149cm
4m	74.13 lux	198cm
5m	47.44 lux	248cm
6m	32.95 lux	297cm
7m	24.21 lux	347cm
8m	18.53 lux	396cm
9m	14.64 lux	446cm
10m	11.86 lux	495cm

Beam Angle: 45°