

ledunited



REALITY DIMMABLE MR16 MODULE LED 10W LAMP 2013 PART L residential-commercial



The MR16 MODULE LED 10W is a 10W lamp designed to connect own dimmable driver. The MR16 MODULE is fully dimmable with both leading and trailing edge dimmers and also complies with the 2013 Part L Regulations.

Key Features

- Complies with 2013 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 MR16
- Lifetime of **25,000hrs**
- 10W Dimmable driver

Specification

Length	60mm
Diameter	50mm
Wattage	10W
Voltage	240V
Colour Temp	2700k / 3000k / 4000k
CRI	80
Lumen	900 lm / 900lm / 900lm
Lumen per Watt	90lm / 90lm / 90lm
Beam Angles	24°, 45°
Power Factor	0.94

Test Report for MR16 MODULE LED 10W LAMP Dimmable

Manufacturer	Product Name	Product Code	Wattage	Min Load Required	LED Bulb Quantity
ATON	2 Way 400W Push Dimmer Module	IDIMP400	4-400W	NO	2---20
ATON	2 Way 1000W Push Dimmer Module	IDIMP1000	10-1000W	NO	2---20
DANLERS	2 Way 250W Push Dimmer Module	DPD250W	40-250W	NO	2---10
DANLERS	2 Way 400W Push Dimmer Module	DPD400W	60-400W	NO	2---10
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	2---20
SUPERSWITCH	2 Way 250W Push Dimmer	WHDSW1 250W	40-250W	NO	2---20
WISE CONTROLS	Fusion 1 Gang 450W Dimmer	WISE FUSIONREC1	25-450W	NO - Must use LED Mode	2---20
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 500W	WISESCENE DIM	25-500W	NO	3---20
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 250W	WISESCENE OCTO	25-250W	NO - Must use LED Mode	2---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	2---20
ADT	5-150W LEDS Intelligent Dimmer	ATE-VR400UK	5-150W	NO	1---20
SWITCH TO WOOD	10-120W LED Dimmer	V-PRO	10-120W	NO	1---10

The above list of dimmers have been tested with the MR16 MODULE LED 10W LAMP . 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 MODULE 24D W/W	24°	W/W 2700k /3000k	900	90	25000hrs
MR16 MODULE 45D W/W	45°	W/W 2700k/3000k	900	90	25000hrs
MR16 MODULE 24D C/W	24°	C/W 4000K	900	90	25000hrs
MR16 MODULE 45D C/W	45°	C/W 4000K	900	90	25000hrs

Light Cone Data

MR16 MODULE LED 10W 2700k / 3000k / 4000k 24D
Lux at a Distance

1m	8978.96 lux	22cm
2m	2244.74 lux	44cm
3m	997.66 lux	66cm
4m	561.19 lux	88cm
5m	359.16 lux	110cm
6m	249.42 lux	132cm
7m	183.24 lux	154cm
8m	140.30 lux	176cm
9m	110.85 lux	197cm
10m	89.79 lux	219cm

Beam Angle : 24°

MR16 MODULE LED 10W 2700K / 3000k / 4000k 45D
Lux at a Distance

1m	3644.32 lux	35cm
2m	911.08 lux	70cm
3m	404.92 lux	105cm
4m	227.77 lux	140cm
5m	145.77 lux	175cm
6m	101.23 lux	210cm
7m	74.37 lux	245cm
8m	56.94 lux	280cm
9m	44.99 lux	315cm
10m	36.44 lux	350cm

Beam Angle : °45