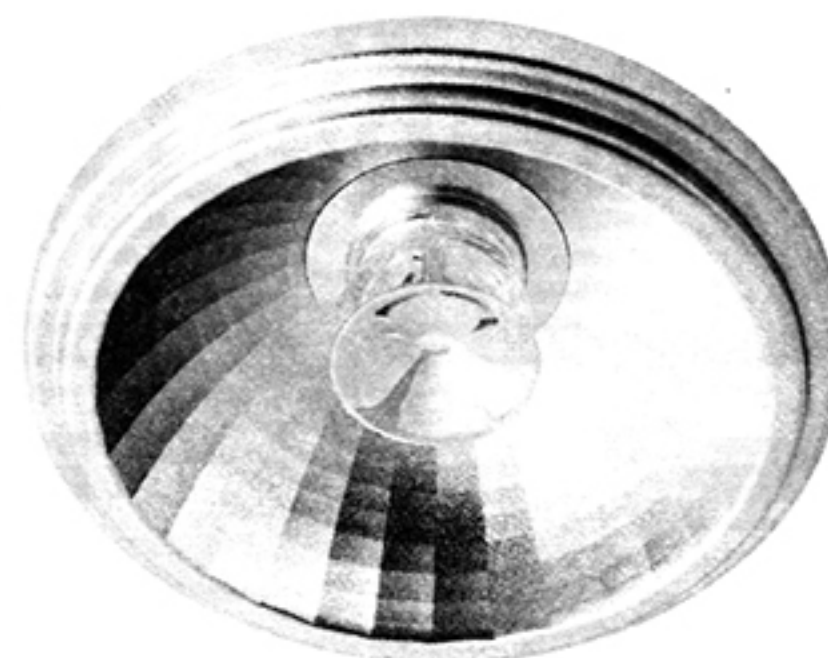


ledunited



Real DIM to WARM AR111 LED 12W LAMP 2013 PART L



residential-commercial

The AR111 LED 12W is a 12W LED lamp designed to connect own dimmable driver. The AR111 LED 12W is fully dimmable with all **leading edge** dimmers (we recommend against trailing edge) 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 AR111 70W Halogen
- Lifetime of **25,000hrs**
- 12W Dimmable driver (Model : GY12WX1)

Specification

Length	54.3mm
Diameter	110.2mm
Wattage	12W
Voltage	240V
Colour Temp	2000k - 2900k
CRI	95
Lumen	628lm
Lumen per Watt	62lm/W
Beam Angles	35°
Power Factor	0.95

Test Report for AR111 LED 12W 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	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---10
DANLERS	2 Way 400W Push Dimmer Module	DPD400W	60-400W	NO	1---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	1---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	1---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---16
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	1---20
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 250W	WISESCENE OCTO	25-250W	NO - Must use LED Mode	2---16
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---10

The above list of dimmers have been tested with the AR111 LED 12W . 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
AR111 LED 12W 35D W/W	35°	W/W 2900K	628	62	25000hrs

Light Cone Data

AR111 LED 12W 2900k 35D
Lux at a Distance

1m	1225.32 lux	52cm
2m	306.33 lux	104cm
3m	136.15 lux	155cm
4m	76.58 lux	207cm
5m	49.01 lux	259cm
6m	34.04 lux	311cm
7m	25.01 lux	363cm
8m	19.15 lux	415cm
9m	15.13 lux	466cm
10m	12.25 lux	518cm

Beam Angle : 35°