



# OPTIC AR1114D22W

## Dimmable | 4° Beam

### 2013 PART L

#### residential-commercial



The AR111 LED 22W is a 22W LED lamp designed to connect own dimmable driver. The AR111 LED 22W is fully dimmable with both leading and trailing edge dimmers (we think the instruction sheets may need updating for all the lamps) 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 150W Halogen
- Lifetime of **25,000hrs**
- 22W Dimmable driver (Model : GY22WX1)

#### Specification

<b>Height</b>	<b>46.3mm</b>
<b>Diameter</b>	<b>110mm</b>
<b>Weight</b>	<b>380g</b>
<b>Wattage</b>	<b>22W</b>
<b>Voltage</b>	<b>240V</b>
<b>Colour Temp</b>	<b>2700K / 3000kK</b>
<b>CRI</b>	<b>90 / 90</b>
<b>Lumen</b>	<b>1800 lm / 1800 lm</b>
<b>Lumen per Watt</b>	<b>81lm/W / 81lm/W</b>
<b>Beam Angles</b>	<b>4°</b>
<b>Power Factor</b>	<b>0.95</b>

#### Test Report for AR111 4D LED 22W LAMP Dimmable

<b>Manufacturer</b>	<b>Product Name</b>	<b>Product Code</b>	<b>Wattage</b>	<b>Min Load Required</b>	<b>LED Bulb Quantity</b>
ATON	2 Way 400W Push Dimmer Module	IDIMP400	4-400W	NO	1---10
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---6
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---10
LUTRON	Rania 1 Gang 450W Master Dimmer	RNSU-452B	50-450W	NO	1---10
LUTRON	Lyneo 1 Gang 500W Dimmer	LLSI-502B	40-500W	NO	1---10
LUTRON	Grafik Eye QS 4 Circuit 500W Dimmer	QSGRK-4PCE	40-500W	NO	1---15
LUTRON	Grafik Eye 4 Circuit 800W Dimmer	GRX3104TCE	40-800W	NO	1---15
MK	2 Way 450W Push Dimmer	MK1535 WHITE	65-450W	NO	1---10
RAKO	Trailing Edge 500W Dimming Pack	RDT500-C	1-500W	NO	1---15
SUPERSWITCH	2 Way 250W Push Dimmer	WHDSW1 250W	40-250W	NO	1---10
WISE CONTROLS	Fusion 1 Gang 450W Dimmer	WISE FUSIONREC1	25-450W	NO - Must use LED Mode	1---10
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 250W	WISESCENE DIM LED	25-250W	NO	1---10
WISE CONTROLS	Scene/Dimming Receiver 1 Circuit 250W	WISESCENE OCTO	25-250W	NO - Must use LED Mode	1---10
WISE CONTROLS	Dimming Receiver 4 Channel 500W	WISE SCENE BOX	25-500W	NO	1---10
ZANO	500W(T)400W(VA)66W(CFL)50W(LED)	ZGRID500	40-500W	NO	1---15
MK	230V 50Hz 40W/VA-200W/180VA	K4501	40-220W	NO	1---8
ADT	5-150W LEDS Intelligent Dimmer	ATE-VR400UK	5-150W	NO	1---6

**The above list of dimmers have been tested with the AR111 4D LED 22W . Please speak to your supplier if you would like your dimmer added to our testing list.**

**• FOR USE WITH LEADING & TRAILING EDGE DIMMERS ONLY.**

# Available Lamps

Product Code	Angle	Temp	Lumens	lm/W	Life
AR111 4D LED 22W W/W	4°	W/W 2700k	1800	81	25000hrs
AR111 4D LED 22W W/W	4°	W/W 3000k	1800	81	25000hrs

## Light Cone Data

AR111 4D LED 22W 2700k / 3000k

Lux at a Distance

1m	46793.49 lux	22cm
2m	11698.35 lux	44cm
3m	5199.27 lux	66cm
4m	2924.59 lux	88cm
5m	1817.74 lux	110cm
6m	1256.37 lux	130cm
7m	955.97 lux	150cm
8m	789.25 lux	180cm
9m	602.78 lux	200cm
10m	468.93 lux	220cm

Beam Angle : 4°