

LEDAR111D LAMP

OCT 2010 PART L

residential-commercial



The LEDAR111D is a 14W LED lamp designed to connect own dimmable driver. The LEDAR111D is fully dimmable with all **leading edge** dimmers (we recommend against trailing edge) and also complies with the October 2010 Part L Regulations.

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 Halogen
- Lifetime of **25,000hrs**
- 14W Dimmable driver

Specification

Length	46.24mm
Diameter	110.2mm
Wattage	14W
Voltage	240V
Colour Temp W/W	2700k / 3000k
Colour Temp C/W	4200k
CRI W/W	80
CRI C/W	75
Lumen W/W	950
Lumen C/W	950
Lumen per Watt W/W	67.8
Lumen per Watt C/W	67.8
Beam Angles	8° , 24 °, 45°
Power Factor	0.9

Test Report for LEDAR111D LAMP Dimmable

Manufacturer	Product Code	Wattage	Min Load Required	LED bulb quantity pieces
ATON	IDIMP10-1000W	10-1000	NO	1---20
ATON	IDIMP4-400W	4-400	NO	1---20
ATON	IDIMP4	60-400	NO	1---20
DANLERS	DPD	60-400	NO	1---20
DANLERS	DPD	40-250	NO	1---10
MEM	MEM250W	40-250	NO	1---10
WISE CONTROLS	WISESCENE DIM	25-500	NO	1---20
WISE CONTROLS	WISEDIM BOX	25-700	NO	1---20
Home Automation	Home Automation 60-400W	60-400	NO	1---20
Home Automation	Home Automation 40-250W	40-250	NO	1---10
Focus SB	SB-DSP400	60-400	NO	1---20
	RNSU-452B-FAW-M	50-450	NO	1---20
LUTRON	LLSI-502B-FAW-M	40-500	NO	1---20
LUTRON	LUTRON GRAFIK EYE QS QSGRK-4PCE	40-500	NO	1---20
LUTRON	LUTRON GRAFIK EYE GRX-3102-CE	40-800	NO	1---20

The above list of dimmers have been tested with the LEDAR111D . 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
LEDAR111D	8D C/W	8°	C/W 4200k	950	67.8	25000hrs
LEDAR111D	8D W/W	8°	W/W 2700k / 3000k	950	67.8	25000hrs
LEDAR111D	24D C/W	24°	C/W 4200k	950	67.8	25000hrs
LEDAR111D	24D W/W	24°	W/W 2700k / 3000k	950	67.8	25000hrs
LEDAR111D	45D C/W	45°	C/W 4200k	950	67.8	25000hrs
LEDAR111D	45D W/W	45°	W/W 2700k / 3000k	950	67.8	25000hrs

Light Cone Data

Warm White or Cool White

AR111 14W_2700K/3000K/4200K

m	8°	Emax (lx) 950 lm
1	0.17	14000
2	0.35	4010
3	0.52	1860
4	0.70	1052
5	0.87	673

AR111 14W_2700K/3000K/4200K

m	24°	Emax (lx) 950 lm
1	0.42	4280
2	0.83	1100
3	1.25	499
4	1.66	272
5	2.07	174

AR111 14W_2700K/3000K/4200K

m	45°	Emax (lx) 950 lm
1	0.83	2350
2	1.66	650
3	2.49	238
4	3.31	132
5	4.14	92