

Contemporary Fittings

AR111 Spotlight, Downlight and Gimbal Fixture

Spotlight
LED101/1/W



Spotlight
LED101/1/X + Orange Gel (gel not supplied)



Spotlight
LED101/1/X + Green Gel (gel not supplied)



Fixed Downlighter
LED141/1/S Cut Out ø 135mm



Tilt Downlighter
LED161/1/S Cut Out ø 163mm



Downlight Lamp and Driver



Seamless dimming, cool running, energy efficient, high power LED lighting fixtures for indoor applications.

- 800lm output
- 2 beam angles: 20° and 45°
- Colour Temperature: 2800K
- G53 Lamp Base
- 0 to 100% extremely smooth dimming
- Soft uniform beam – very similar to halogen AR111 lamps
- Wide range of fixtures: downlighters, gimbal fixtures 1,2,3 & 4 lamps, spotlighters and uplighters
- Spotlights suitable for track adaptors
- Spotlights available with colour filter gel frame
- Spotlight cowl factory finishes: white texture, black texture and polished stainless steel

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ENERGY HOUSE - Ashland - MILTON KEYNES - BUCKINGHAMSHIRE - MK6 4AF - UNITED KINGDOM



Oxtron has combined LED AR111 lamps with compatible constant current drivers and versatile housings to provide a range of light fixtures that give a warm halogen-like light with the energy saving and efficiency of an LED source. The LEDs are mounted in place of the halogen capsule facing backwards towards the reflector, which gives a soft even light without glare. Thanks to the warm colour temperature, these lamps are often mistaken for conventional halogen light sources.

Many existing LED sources are difficult to dim well but this fixture can be dimmed smoothly from 0 to 100%. In dimming 30 of the same LED and drivers on one channel of an Oxtron dimming pack, it was found that all lamps behaved identically and without any: flickering, flashing, stepping or other adverse effects associated with dimming large numbers of LEDs on a single circuit.

Oxtron offer these LEDs and constant current drivers (LEDs will NOT be sold without drivers) as the definitive modern replacement for the 75 W and 100 W halogen AR111 lamp. The LEDs and drivers are available together for use in customers' own fixtures.

Gimbal	Cutout	Downlighter	Cutout Ø
LED 401	98mm x 98mm	LED 141	135mm
LED 402	188mm x 98mm	LED 161	163mm
LED 403	278mm x 98mm		
LED 404 Row	370mm x 98mm		
LED 404 Square	193mm x 193mm		

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Lamp Specifications

Lamp Colour	Warm White
Colour Temperature	2800K
CRI	80Ra
Beam Angle	20° or 45°
Lamp Base	G53 (AR111)
Supply	350mA 18W LED Constant current driver
Rated Power	15.5W
Rated Luminous Flux	800lm
Rated efficacy	64lm/w
Life Span	35,000hours
Operating Temperature	-20°C to +45°C
LED Manufacturer	Edison
LED Housing	Aluminium
LED Housing Colour	Silver
IP Rating	IP20
Optics	Aluminium Reflector
Switching Cycles	15,000
Energy Rating	A

Fitting Specifications

Downlighter Bezel	Black, White or Silver
Gimbal Frame	White or Silver
Spotlight Cowl	Polished stainless steel, textured black, white or any RAL colour to special order
Application	Indoor only
Spotlight Dimensions	165mm (Length) x 127mm (∅) 215mm (Height) (overall height including hanging yoke)
Spotlight weight	1.4kg

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Options

Description	LED 101	LED 121	LED 141	LED 161	LED 40x
20° Beam angle 800lm 15.5W LED Lamp	No Charge	No Charge	No Charge	No Charge	No Charge
45° Beam angle 800lm 15.5W LED Lamp	No Charge	No Charge	No Charge	No Charge	No Charge
Black Cowl	No Charge	No Charge	Not available	Not available	Not available
Polished Stainless Steel Cowl	£10.00	£10.00	Not available	Not available	Not available
Own RAL Choice Cowl	Price On Order	Price On Order	Not available	Not available	Not available
Black Bezel	Not available	Not available	No Charge	No Charge	Not available
Silver Bezel	Not available	Not available	No Charge	No Charge	No Charge
Black Track Adaptor	£10.00	£10.00	Not available	Not available	Not available
Gel Holder (gel ø 106mm not supplied)	£20.00	£20.00	Not available	Not available	Not available

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