

# 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: 2700K
- 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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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.

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## Lamp Specifications

Lamp Colour	Warm White
Colour Temperature	2700K
CRI	80Ra
Beam Angle	20° or 45°
Lamp Base	G53 (AR111)
Supply	350mA 18W LED Constant current driver
Rated Power	12.5W
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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