



The Alien O2 Pendant is the first pendant available for luminous colour changing applications. Advanced CMY technology uses the three complementary colours cyan, magenta and yellow to generate a complete spectrum of tints and saturates. This system combines with excellent optics to ensure beautiful, even distribution of colour and smooth cross fades.

The Alien O2 Pendant is also the first architectural discharge luminaire with true 0-100% intensity control provided for by a mechanical dimming system. Designers can now combine the advantages of programmability with the benefits that the 150W CDM lamp offers: crisp white light, unrivalled colour stability and extended lamp life.

To satisfy various photometric requirements, the Alien O2 offers three easy-to-change lens options along with barn doors and louvres to eliminate glare. Light distribution depends on the lens chosen: spot, flood or wall washer.

The illumination head of the Pendant, fitted at the end of a flexible extension arm, allows the tilt angle of the fixture to be adjusted and locked in two separate places, offering flexibility in both appearance and functionality. The extension arm conceals the power and data cables, which lead to a central point from where they can be extended in a recessed ceiling or via a junction box to a remote base. The Alien O2 Pendant can be controlled via DMX or by using its programmable stand-alone feature with an infrared remote control.

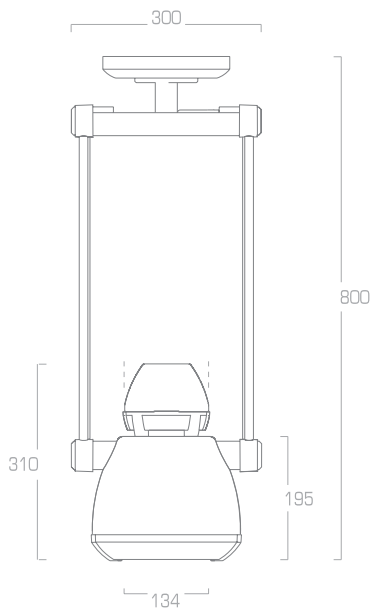
### Application

Dynamic illumination of surfaces, variable colour washlighting for high-bay architectural and commercial applications: retail, hotels, bars and restaurants, corporate and other multi-functional environments.

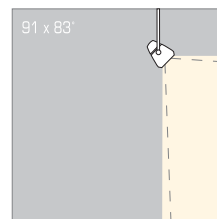
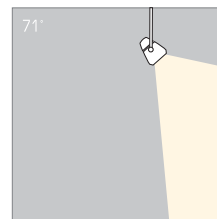
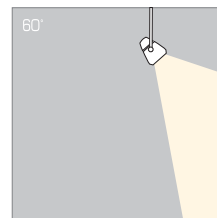
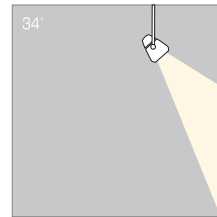
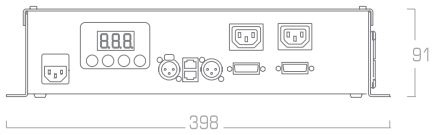
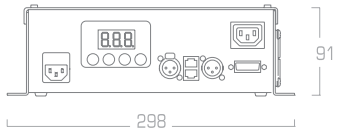








**Base**



## Physical

Alien O2 Pendant - Length: 800 mm (31.5 in)  
 Alien O2 Pendant - Width: 300 mm (12 in)  
 Alien O2 Pendant - Diameter of lamp: 235 mm (9.3 in)  
 Alien O2 Pendant - Weight: 5.4 kg (11.9 lb)

150W Single Base - Length: 298 mm (11.7 in)  
 150W Single Base - Width: 214 mm (8.4 in)  
 150W Single Base - Height: 91 mm (3.6 in)  
 150W Single Base - Weight: 5.7 kg (12.6 lb)

150W Double Base - Length: 398 mm (15.7 in)  
 150W Double Base - Width: 214 mm (8.4 in)  
 150W Double Base - Height: 91 mm (3.6 in)  
 150W Double Base - Weight: 10.4 kg (23 lb)

## Source

Lamp: 150 W discharge  
 Lamp base type: GY 12  
 Approved models: Philips CDM-SA/T 150W  
 General Electric CMH150, Osram HQI-R  
 Control: remote switchable

## Dynamic effects

Cyan filter: 0 - 100%  
 Magenta filter: 0 - 100%  
 Yellow filter: 0 - 100%  
 Dimmer: 0 - 100%

## Control & Programming

Control options: DMX-512, stand-alone, master/slave  
 Receiver: RS-485  
 Setting and addressing: display, MP-2, infrared remote  
 Firmware update: Serial upload (MUF)  
 Stand-alone memory: 20 scenes  
 Data input: 3-pin XLR male, RJ-45  
 Data output: 3-pin XLR female, RJ-45  
 DMX channels: 7

## Installation

Minimum distance to combustible materials: 1 m (39 in)  
 Minimum distance to illuminated surfaces: 0.5 m (20 in)  
 Standard cable separation between Alien O2 and 150W Base: 1 m (40 in)

Max. cable separation between Alien O2 and 150W Base (with ext. kits): 16 m (52 ft)  
 Projection range: +/- 50 degrees downwards or upwards

## Thermal

Maximum ambient temperature (Ta): 40° C (104° F)  
 Maximum surface temperature, steady state Ta=40° C: 80° C (176° F)  
 Cooling: Filtered forced air (temperature regulated)

## AC Supply

AC input: 3-pin IEC male socket  
 Power supply options: 100/120/208/230/250 V, 50/60 Hz

## Construction

Alien O2 housing: Aluminium and plastic  
 150W Base: Aluminium

## Included items

User manual  
 Fuses  
 3 metre (9.8 ft), 3-pin IEC mains cable  
 5 metre (16.4 ft), black, 3-pin XLR data cable  
 Philips CDM-SA/T 150 W P/N 97010111

## Accessories

34° Fresnel lens P/N 91610022  
 91° x 83° beam shaper lens P/N 91610023  
 71° Micro lens diffuser P/N 91610024  
 Barn door kit P/N 91611057  
 Glare control kit P/N 91611066  
 MP-2 uploader P/N 90758420  
 Philips CDM-SA/T 150 W P/N 97010111  
 2-metre cable extension kit P/N 91611051  
 5-metre cable extension kit P/N 91611060  
 10-metre cable extension kit P/N 91611061

## Ordering information

Alien O2 Pendant, 60°, Alu P/N 90345100  
 J-Box P/N 91611065  
 150W Single Base P/N 90724000  
 150W Double Base P/N 90724200



The Alien O2 Spot is a programmable luminaire offering wide-spectrum colour mixing and full range intensity control of its CDM lamp. A low-maintenance fixture, it is suitable for washlighting in a wide variety of architectural and commercial applications.

Advanced CMY technology mixes the three complementary colours cyan, magenta and yellow to generate a complete spectrum of tints and saturates. The advanced colour system and excellent optics ensure beautiful, even distribution of colour and smooth cross fades. Alien O2 also has the useful ability to seamlessly vary between functional and event lighting.

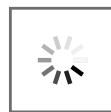
The Alien O2 is also the first architectural discharge luminaire with true 0-100% intensity control provided by its innovative dimming system. Designers can now combine the advantages of programmability with the benefits that the 150W CDM lamp offers: crisp white light, unrivalled colour qualities and extended lamp life.

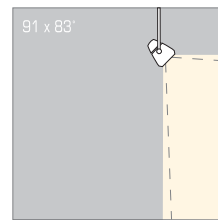
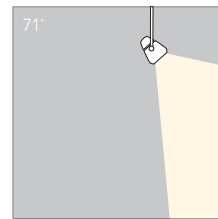
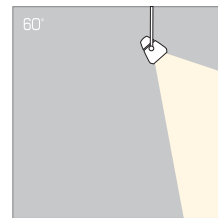
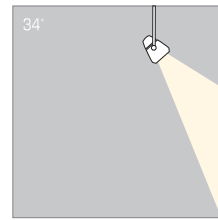
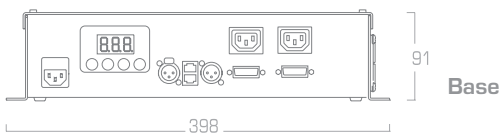
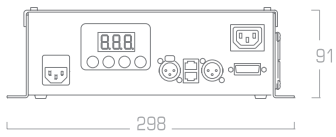
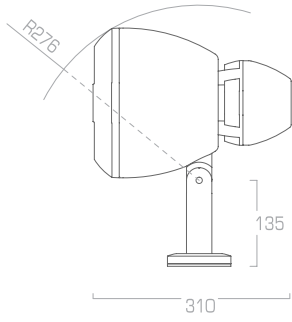
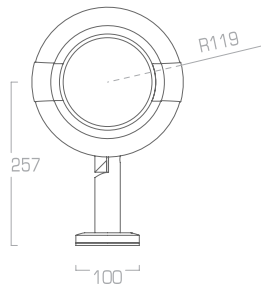
To satisfy several photometric requirements, the Alien O2 offers three easy-to-change lens options along with barn doors and louvres to eliminate glare. Light distribution depends on the lens chosen: spot, flood or wall washer.

The illumination head of the spot is rotatable, tiltable and easy to aim, offering flexibility in both appearance and function. The power and data cables lead to a central point from where they can be extended in a recessed ceiling or via a junction box to a remote base. The Alien O2 Spot is controlled via DMX or by using its programmable stand-alone feature with an infrared remote control.

### Application

Dynamic illumination of surfaces, variable colour wash and floodlighting for architectural and commercial applications such as retail, hotels, bars and restaurants, corporate and other multi-functional environments.





## Physical

Alien O2 Spot - Length: 312 mm (12.3 in)  
 Alien O2 Spot - Width: 235 mm (9.3 in)  
 Alien O2 Spot - Weight: 3.3 kg (7.3 lb)  
 Alien O2 Spot mounting arm - Length: 135 mm (5.3 in)

150W Single Base - Length: 298 mm (11.7 in)  
 150W Single Base - Width: 214 mm (8.4 in)  
 150W Single Base - Height: 91 mm (3.6 in)  
 150W Single Base - Weight: 5.7 kg (12.6 lb)

150W Double Base - Length: 398 mm (15.7 in)  
 150W Double Base - Width: 214 mm (8.4 in)  
 150W Double Base - Height: 91 mm (3.6 in)  
 150W Double Base - Weight: 10.4 kg (23 lb)

## Source

Lamp: 150 W discharge  
 Lamp base type: GY 12  
 Approved models: Philips CDM-SA/T 150W,  
 General Electric CMH150  
 Control: remote switchable

## Dynamic effects

Cyan filter: 0 - 100%  
 Magenta filter: 0 - 100%  
 Yellow filter: 0 - 100%  
 Dimmer: 0 - 100%

## Control & Programming

Control options: DMX-512, stand-alone, master/slave  
 Receiver: RS-485  
 Setting and addressing: Display, MP-2, infrared remote  
 Firmware update: Serial upload (MUF)  
 Stand-alone memory: 20 scenes  
 Data input: 3-pin XLR male, RJ-45  
 Data output: 3-pin XLR female, RJ-45  
 DMX channels: 7

## Installation

Minimum distance to combustible materials: 1 m (39 in)  
 Minimum distance to illuminated surfaces: 0.5 m (20 in)  
 Standard cable separation between Alien O2 and 150W Base: 1 m (40 in)  
 Max. cable separation between Alien O2  
 and 150W Base (with ext. kits): 16 m (52 ft)

## Thermal

Maximum ambient temperature (Ta): 40° C (104° F)  
 Maximum surface temperature, steady state, Ta=40° C: 80° C (176° F)  
 Cooling: Filtered forced air (temperature regulated)

## AC Supply

AC input: 3-pin IEC male socket  
 Power supply options: 100/120/208/230/250 V, 50/60 Hz

## Construction

Alien O2 housing: Aluminium and plastic  
 150W Base: Aluminium

## Included items

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## Accessories

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MP-2 uploader	P/N 90758420
Philips CDM-SA/T 150 W	P/N 97010111
2-metre cable extension kit	P/N 91611051
5-metre cable extension kit	P/N 91611060
10-metre cable extension kit	P/N 91611061

## Ordering information

Alien O2 Spot, 60°, Alu	P/N 90345000
Alien O2 Spot 135 mm (5.3 in) mounting arm	P/N 91611048
150W Single Base	P/N 90724000
150W Double Base	P/N 90724200