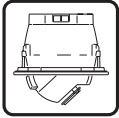


# Alien O5 Recessed Specifications



## Physical

Diameter of fixture at widest point	195 mm (7.7 in)
Depth of recessed base	118 mm (4.7 in)
Maximum protrusion of fixture from mounting surface	.65 mm (2.6 in)
Weight	1.2 kg (2.6 lbs)

## Source

Lamp	MR16, 50 W, 12 V, glass reflector
Approved models	Osram ENL 50W 12V custom reflector
Lamp base	GX 5.32.2 lbs)

## Dynamic effects

- 8 color filters plus open
- Speed control
- Lamp ON/OFF
- Intensity (when using a dimmable transformer)

## Control & Programming

Control options (via O5 Driver unit)	DMX-512
Control options (via O5 Driver unit)	stand-alone using DIP switches
Control options (via O5 Driver unit)	dedicated operator panel - Oracle
Data input	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)
Data output	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)

## Installation

Minimum distance to illuminated objects	0.5 m (16.7 in)
Minimum clearance around air vent	50 mm (8 in)
Maximum cable distance to transformer	45 cm (17.7 in.)
Indoor orientation	Any (ceiling panel or wall recommended)
Maximum thickness of ceiling/wall panel	20 mm (0.8 in)
Diameter of mounting hole	182 mm (7.2 in)

## Design standards

EU safety	EN 60598-2-2
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## Thermal

Maximum ambient temperature (Ta)	40° C (104° F)
Maximum surface temperature, steady state, Ta=40° C	90° C (194° F)
Cooling	Convection cooling system

## AC Supply

Alien O5 power supply	12 V AC halogen lamp transformer (not supplied)
O5 Driver unit power supply	Auto-ranging

## Maximum power and current

Alien 05: 12 V 50/60 Hz..... 50 W, 4.2 A

## Construction

Housing..... Die cast aluminum and polyamide PA 6 (30% glass)  
Color..... Aluminum and gray

## Ordering information

Alien 05 Recessed, 12V, 50 W ..... P/N 90340000  
05 Driver ..... P/N 90722010  
05 Repeater ..... P/N 90722020  
Oracle controller ..... P/N 90722000

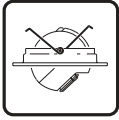
## Included items

User manual  
Osram ENL 50W 12V  
CTC 5500-3400 color filter (position 2)  
Yellow 604 color filter (position 3)  
Red 305 color filter (position 4)  
Pink 312 color filter (position 5)  
CTC 3200-5600 color filter (position 6)  
Blue 106 color filter (position 7)  
Blue 103 color filter (position 8)  
Green 201 color filter (position 9)  
Diffuser filter (installed)

## Accessories

Hexagon Socket Head Cab Screws (M4x60) ..... P/N 08071205  
Dimmable transformer - 230 V @ 50/60 Hz/35-105 W @ 12 V ..... P/N 91611054  
CAT5 network cables - 2 m (6.5 ft) x 50 pieces: ..... P/N 91611044  
CAT5 network cables - 5 m (16.4 ft) x 30 pieces: ..... P/N 91611045  
CAT5 network cables - 10 m (32.8 ft) x 15 pieces: ..... P/N 91611046  
Osram ENL 50W 12V: ..... P/N 97000005  
Fresnel lens (34 degrees field angle)..... P/N 91610025  
Blue 101 color filter ..... P/N 62327058  
Blue 104 color filter ..... P/N 62327052  
Blue 108 color filter ..... P/N 62327055  
Green 202 color filter ..... P/N 62327060  
Green 206 color filter ..... P/N 62327054  
Magenta 507 color filter ..... P/N 62327057  
Orange 306 color filter ..... P/N 62327059  
Purple 502 color filter ..... P/N 62327061  
Red 301 color filter ..... P/N 62327056  
Yellow 603 color filter ..... P/N 62327051

# Alien O5 Eyeball



## Physical

Diameter of fixture at widest point	195 mm (7.7 in)
Maximum protrusion of fixture from mounting surface	65 mm (2.6 in)
Weight	1 kg (2.2 lbs)

## Source

Lamp	MR16, 50 W, 12 V, glass reflector
Approved models	Osram ENL 50W 12V custom reflector
Lamp base	GX 5.32.2 lbs)

## Dynamic effects

- 8 color filters plus open
- Speed control
- Lamp ON/OFF

## Control & Programming

Control options (via O5 Driver unit)	DMX-512
Control options (via O5 Driver unit)	stand-alone using DIP switches
Control options (via O5 Driver unit)	dedicated operator panel - Oracle
Data input	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)
Data output	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)

## Installation

Required housing	Cooper Lighting, Halo brand, recessed low-volt non-IC
Minimum distance to illuminated objects	0.5 m (16.7 in)
Maximum cable distance to transformer	45 cm (17.7 in.)
Indoor orientation	Any (ceiling panel or wall recommended)

## Design standards

EU safety	EN 60598-2-2
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## Thermal

Maximum ambient temperature (Ta)	40° C (104° F)
Maximum surface temperature, steady state, Ta=40° C	90° C (194° F)
Cooling	Convection cooling system

## AC Supply

Alien O5 power supply	12 V AC halogen lamp transformer (not supplied, but is part of the required fixture housing)
O5 Driver unit power supply	Auto-ranging

## Maximum power and current

Alien O5: 12 V 50/60 Hz	50 W, 4.2 A
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## Construction

Housing . . . . . Die cast aluminum and polyamide PA 6 (30% glass)  
Color . . . . . Aluminum and gray

## Ordering information

Alien 05 Eyeball, 12V, 50 W . . . . . P/N 90340100  
05 Driver . . . . . P/N 90722010  
05 Repeater . . . . . P/N 90722020  
Oracle controller . . . . . P/N 90722000  
Halo brand, recessed low-volt non-IC fixture housing . . . . . Cooper Lighting item number  
H7LVT

## Included items

User manual  
Osram ENL 50W 12V  
CTC 5500-3400 color filter (position 2)  
Yellow 604 color filter (position 3)  
Red 305 color filter (position 4)  
Pink 312 color filter (position 5)  
CTC 3200-5600 color filter (position 6)  
Blue 106 color filter (position 7)  
Blue 103 color filter (position 8)  
Green 201 color filter (position 9)  
Diffuser filter (installed)  
Steel strap and network junction box

## Accessories

CAT5 network cables - 2 m (6.5 ft) x 50 pieces . . . . . P/N 91611044  
CAT5 network cables - 5 m (16.4 ft) x 30 pieces . . . . . P/N 91611045  
CAT5 network cables - 10 m (32.8 ft) x 15 pieces . . . . . P/N 91611046  
Osram ENL 50W 12V . . . . . P/N 97000005  
Fresnel lens (34 degrees field angle). . . . . P/N 91610025  
Blue 101 color filter . . . . . P/N 62327058  
Blue 104 color filter . . . . . P/N 62327052  
Blue 108 color filter . . . . . P/N 62327055  
Green 202 color filter . . . . . P/N 62327060  
Green 206 color filter . . . . . P/N 62327054  
Magenta 507 color filter . . . . . P/N 62327057  
Orange 306 color filter . . . . . P/N 62327059  
Purple 502 color filter . . . . . P/N 62327061  
Red 301 color filter . . . . . P/N 62327056  
Yellow 603 color filter . . . . . P/N 62327051

# Alien O5 Stem Mount specifications



## Physical

Pan radius	170 mm (6.7 inches)
Protrusion from mounting surface (with 150 mm (6 inch) arm)	215 mm (8.5 inches)
Protrusion from mounting surface (with 600 mm (24 inch) arm)	665 mm (26 inches)
Weight (with 150 mm (6 inch) arm)	1.3 (2.9 lbs)
Weight (with 600 mm (24 inch) arm)	1.6 (3.5 lbs)

## Source

Lamp:	MR16, 50 W, 12 V, glass reflector
Approved models:	Osram ENL 50W 12V custom reflector
Base:	GX 5.32.2 (lbs)

## Dynamic effects

- 8 color filters plus open
- Speed control
- Lamp on and off
- Intensity

## Control & Programming

Control options (via O5 Driver unit):	DMX-512
Control options (via O5 Driver unit):	stand-alone using DIP switches
Control options (via O5 Driver unit):	dedicated operator panel - Oracle
Data input:	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)
Data output:	CAT5 network cable (not supplied) - maximum length 10 m (33 ft)

## Installation

Minimum distance to illuminated objects	0.5 m (16.7 in)
Maximum cable distance to transformer	45 cm (17.7 in.)
Indoor orientation	Ceiling mount recommended

## Design standards

EU safety	EN 60598-2-2
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## Thermal

Maximum ambient temperature (Ta)	40° C (104° F)
Maximum surface temperature, steady state, Ta=40° C	90° C (194° F)
Cooling	Convection cooling system

## Power supply - Base (230V/12V-75W)

12 V AC halogen lamp transformer	Lightech LET-75-12/230V R installed in base
Dimmable	Yes
Operating range	200-250V/12V-75W
Conformity	VDE & VDE-EMV approved, CE
Maximum power and current	230 V @ 50/60 Hz = 75 W, 6.25 A
Power factor minimum	0.95

## Power supply - Base (120V/12V-75W)

12 V AC halogen lamp transformer .....Lightech LET 75 installed in base  
Dimmable ..... Yes  
Operating range ..... 90-130V/12V-75W  
Conformity ..... UL & C-UL recognized, UL file # 164062  
Maximum power and current ..... 120 V @ 60 Hz = 75 W, 6.35 A  
Power factor minimum ..... 0.95

## Construction

Housing ..... Die cast aluminum and polyamide PA 6 (30% glass)  
Color ..... Aluminum and gray

## Ordering information

Alien 05 Stem Mount, 12V, 50 W ..... P/N 90340200  
600 mm Arm ..... P/N 91611068  
150 mm Arm ..... P/N 91611067  
Base (230V/12V-75W) ..... P/N 90722030  
Base (120V/12V-75W) ..... P/N 90722040  
05 Driver ..... P/N 90722010  
05 Repeater ..... P/N 90722020  
Oracle controller ..... P/N 90722000

## Included items

User manual  
Osram ENL 50W 12V  
CTC 5500-3400 color filter (position 2)  
Yellow 604 color filter (position 3)  
Red 305 color filter (position 4)  
Pink 312 color filter (position 5)  
CTC 3200-5600 color filter (position 6)  
Blue 106 color filter (position 7)  
Blue 103 color filter (position 8)  
Green 201 color filter (position 9)  
Diffuser filter (installed)

## Accessories

CAT5 network cables - 2 m (6.5 ft) x 50 pieces . . . . .	P/N 91611044
CAT5 network cables - 5 m (16.4 ft) x 30 pieces . . . . .	P/N 91611045
CAT5 network cables - 10 m (32.8 ft) x 15 pieces . . . . .	P/N 91611046
Osram ENL 50W 12V. . . . .	P/N 97000005
Fresnel lens (34 degrees field angle). . . . .	P/N 91610025
Blue 101 color filter . . . . .	P/N 62327058
Blue 104 color filter . . . . .	P/N 62327052
Blue 108 color filter . . . . .	P/N 62327055
Green 202 color filter . . . . .	P/N 62327060
Green 206 color filter . . . . .	P/N 62327054
Magenta 507 color filter . . . . .	P/N 62327057
Orange 306 color filter . . . . .	P/N 62327059
Purple 502 color filter . . . . .	P/N 62327061
Red 301 color filter . . . . .	P/N 62327056
Yellow 603 color filter . . . . .	P/N 62327051