

LD150



IP54  



Notes

Wire in series and observe correct polarity
Do not wire 'live'

General Information

A very powerful luminaire for its size and depth, the LD150 is ideal for wall washing or column uplighting. It has been designed specifically to produce low glare illumination to walls and columns, with a glare shield and deep recessed lamp. The light engine is a Cree MCE 4 die LED chip which has high output while maintaining good efficiency. Its small size and use of a single lens, produces a very consistent, even beam.

Lens options are a 10° spot for lighting columns and arches or a 15°x30° spreader lens which is ideal for wall washing. The RGBW uses a different optic which mixes the colours into a uniform beam. Both come with a glare shield as standard, which has been developed to minimise the view of the intense light source without affecting the wash of light on the wall/column.

Fixing is by mounting directly into a cut out with the soft silicon seal, using the fixing sleeve, or the concrete housing with optional integral driver. LD150 can be run up to a maximum current of 500mA (7W)

Output Options:

5W 350mA
7W 500mA

Lamp Options:

Warm White (2900k)
White (4500k)
RGBW (Red, Green, Blue, White, for colour changing plus white light).

Lens Options

10° narrow spot
15° x 30° oval spreader beam
RGBW LED comes with a 26° lens

Finishes

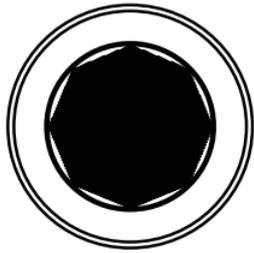
Brushed Stainless Steel 316 (standard)
Polished Stainless Steel 316
Powder coated white or black (interior use only)

Accessories

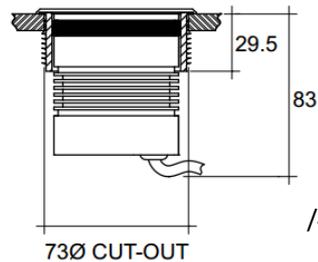
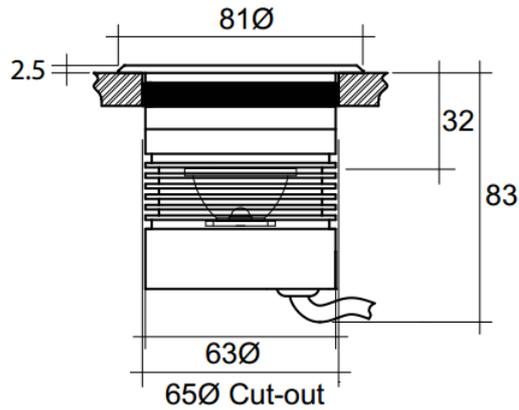
/482S First fix sleeve
/482N Concrete housing
/ID with integral driver

Driver Options

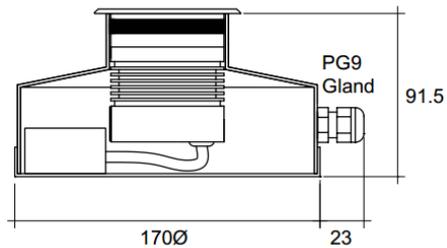
Use with 350mA and 500mA constant current LED drivers. 1-10V, DMX, DALI and Mains dimmable or no-dim. RGBW fitting needs a 4-channel driver.



(Dimensions in mm)



/482S First Fix Sleeve



/482N Concrete Housing can be specified with an integral mains in non dimming LED Driver

Beam Angles	10°, 15°x 30°			
LED type	1 x Cree MCE 4 die LED			
Colour temperature	2950K		4500K	
Current	350mA	500mA	350mA	500mA
LED power (Max)	5W (4.4W)*	7W (6.3W)*	5W (4.4W)*	7W (6.4W)*
CRI	85	85	80	80
Forward voltage (Max)	15.6V	15.8V	15.6V	15.8V
Delivered lumens (L ¹⁰⁰)**	244	318	284	358
Lumens per circuit watt***	59	51	64	56

LED lifetime (to 70% lumen maintenance) 50,000hrs at a max ambient temperature of 35°C (if higher ambient then run at 350mA up to 45°C)

Glass 6mm thick borosilicate

Materials Black anodised aluminium body, Machine finish 316 stainless steel bezel (other options available)

Wiring Comes pre-wired with 2 core 100mm lead. Can be specified with up to 10m at extra cost.

IP rating IP54

* indicates the nominal power for the LED run at that particular current

** lumen output indicated is without the glare shield. Allow 30% less with glare shield

*** data shown allows for an 85% efficient driver at an ambient temperature of 35°C

