

# LD73SR



## General Information

The LD73SR is part of a new range of ultra shallow, high power downlights designed to fit into ceilings with a minimal recess depth. The innovative horizontal heat sink plate combined with low profile optics ensure that the LD73SR fits into a ceiling depth of only 40mm, whilst delivering over 357lm. The tilt adjustment of 25° allows plenty of flexibility when focusing and makes it ideal for general lighting or display applications. Originally designed for yacht installations, this fitting can be specified with an extra red LED for night time navigation. It is also rated at IP54 as standard making it ideal for use in wet environments.



## Output Options

3.6W LED at 350mA  
5.1W LED at 500mA

## LED Colour Options

2700K  
3000K  
4000k  
5000K



## Beam Options

22° narrow spot  
30° medium  
40° wide

## IP Rating

IP54

## Finishes

Powder coated Matt Black or Matt White (RAL 9016)



## Notes

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

## Driver Options

Use with 350mA or 500mA constant current LED Drivers.  
1-10V, DMX, DALI and Mains dimmable, or non-dim.

Applications



Beam Angles

22°, 30°, 40°

LED type

3 x Cree XPG2

Colour temperature	2700K** / 3000K		5000K	
Drive Current (mA)	350	500	350	500
LED power* (W)	3.6	5.1	3.6	5.1
CRI (typical)	93	93	75	75
Forward voltage (V) <sub>100</sub>	9.0V	9.6V	9.0V	9.6V
Delivered lumens** (L <sub>100</sub> )	262	357	318	434
Lumens per circuit watt	77	71	94	87

LED lifetime (to 70% lumen maintenance) 50,000hrs at a max ambient temperature of 35°C (if specifying fitting in ambient temperatures of up to 45°C run at 350mA max, LD73SR-350)

Materials

Anodised aluminium body, Stainless steel spring clips

Wiring

Comes pre-wired with either a 2 core or 4 core 350mm lead, can be specified with up to 10m at extra cost

Glass

1.2mm thick borosilicate

IP rating

IP54

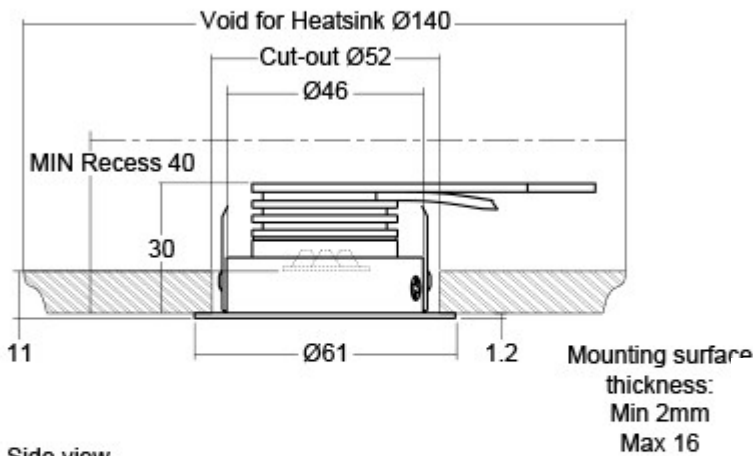
\*LED wattage includes losses associated with using an 85% efficient driver

\*\* 2700K lumen output is 12% lower than the 3000K figure listed

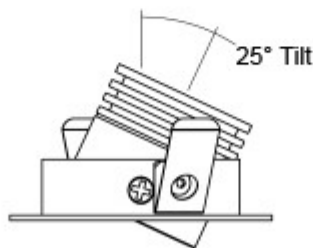
4000K lumen output is 14% higher than the 3000K figure listed (80 CRI)



Cross section view



Side view



Top view

