

LD72M



General Information

The 72M is a miniature, adjustable LED downlight, ideal for display, niches or general downlighting effects. It is very discreet with the LED set back by 10mm to reduce glare and a painted bezel which can be matched to the mounting surface. It utilises the latest LED technology with a typical CRI of 93 in warm white. IP40 as standard, but can be specified IP54 for bathrooms or wet environments.

Output Options

1.2W LED at 350mA
1.7W LED at 500mA
2.4W LED at 700mA

LED Colour Options

2200K	
2700K	Blue
3000K	Green
4000K	Red
5000K	Amber

Beam Options

12° narrow spot
31° medium
48° wide
38° x 12° Oval

IP Rating

IP40
IP54

Finishes

Paint finish Silver/Black/White RAL 9016 / RAL
Chrome finish

Driver Options

Use with 350mA, 500mA or 700mA constant current LED Drivers.
1-10V, DMX, DALI and Mains dimmable, or non-dim.

Notes

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

Applications



Beam Angles 12°, 31°, 48°, 36° x 12°

LED type 1 x Cree XPG2

Colour temperature 2700K** / 3000K

	2700K** / 3000K			5000K		
Drive Current (mA)	350	500	700	350	500	700
LED power* (W)	1.2W	1.7W	2.4W	1.2W	1.7W	2.4W
CRI (typical)	93	93	93	75	75	75
Forward voltage (V) ₁₀₀	3.0V	3.2V	3.4V	3.0V	3.2V	3.4V
Delivered lumens** (L ₁₀₀)	107	146	195	130	177	237
Lumens per circuit watt	89	86	81	108	104	99

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 500mA max, LD72M-500)

Materials Anodised & painted aluminium body, bezel

Glass 1.2mm thick borosilicate (IP54 version only)

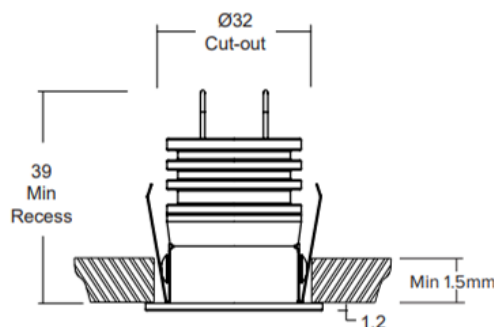
Wiring Comes pre-wired with 2x 200mm single core lead, can be specified with up to 3m of single core cable at extra cost

IP rating IP40 standard (optional IP54)

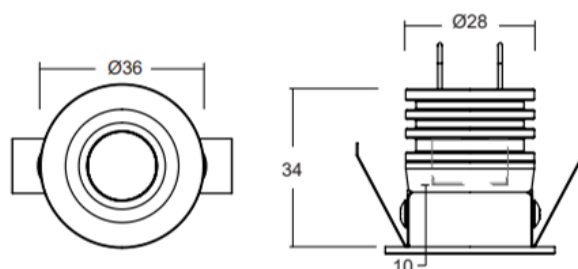
*LED wattage includes losses associated with using an 85% efficient driver

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

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



LED and optic position recessed by 10mm for reduced glare.



IP54 rated version is supplied with an extra gasket which sits between the bezel and the mounting surface.

