

## LD72M











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#### Miniature Low Glare LED Downlight

The new LD72M is 2mm smaller in diameter than the LD72 it replaces. It is a miniature 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.

#### **Key Features**

- Very minimal depth and bezel diameter
- High power for its size
- High efficiency optics specially designed for LightGraphix guarantee excellent beam spread and shape
- Recessed LED position for reduced glare
- Optional IP54 version for wet areas, comes with glass and gasket
- Hidden fixing options include spring clips
- Simple and fast installation
- Available with Switch, 0-10V, DMX, Dali or Mains dimmable drivers

#### Specification

Applications

Roam Angles











Dealli Aligles	12 , 31 , 40 , 30 X 12						
LED type	1 x Cree XPG2						
Colour temperature	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) <sub>100</sub>	3.0V	3.2V	3.4V	3.0V	3.2V	3.4V	
Delivered lumens** (L <sub>100</sub> )	107	146	195	130	177	237	
Lumens per circuit watt	89	86	81	108	104	99	

12° 31° 48° 36° v 12°

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

to 45°C run at 500mA max, LD72M-500)

Anodised & painted aluminium body, bezel Materials 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

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)













### LD72M

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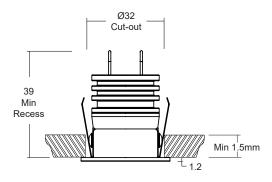




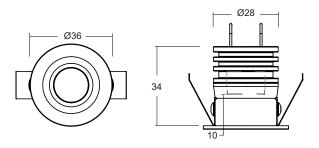
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# Dimensions and Fixing Options

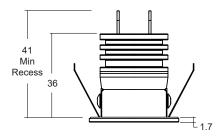
Miniature Low Glare LED Downlight



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.



#### **Photometrics**

Photometric files are included in the design pack which can be downloaded from the LD72M product page on the website.

### **Order Codes and Options**

Product code	Finish				
Product codes with output options  1.2W LED at 350mA  1.7W LED at 500mA  2.4W LED at 700mA  LED colour options  Super Warm White (2200K)	LD72M-350 LD72M-500 LD72M-700 Suffix				
Extra Warm White (2700K)  Warm White (3000K)  White (4000K) - on request  Cool White (5000K)  Blue  Green  Red  Amber  *Other LED colour temperatures are available. Please speak to a member of our sales team.	/LW22 /LW27 /LW30 /LW40 /LW50 /LB /LG /LR				
Beam / lens angle options  12° narrow spot  31° medium  48° wide  38° x 12° Oval	/NB /MB /WB /OB				
IP Rating IP40 (dry internal use as standard) IP54 rated for moist environments Bezel finish options	/IP40 /IP54				
Paint finish silver / black / white (RAL 9016) / RAL Chrome finish (minimum order - please contact us)  Use with 350mA, 500mA & 700mA constant current LED drivers  We have a wide range of dimmable LED drivers, 0-10V, DMX, DALI and mains dimmable.					
Please see the downloads section on our website:  To run 1-14 LD72M-350 in series use a TXDEL350D (0-10V dimmable)  To run 1-14 LD72M-500 in series use a TXDEL500D (0-10V dimmable)  To run 1-13 LD72M-700 in series use a TXDEL700D (0-10V dimmable)					

