

LD40

MINIATURE SHALLOW LED DOWN LIGHT AND WALL LIGHT

○ | 350 mA | 500 mA | IP67 | PART L General | PART L Display | 5 YEAR Warranty

CB | R+R

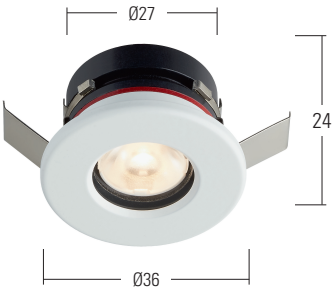
LD40 is a shortened version of our LD42, and has been designed for use in applications where recess depth is at a minimum. The optic has been moved further forward and the body length shrunk to allow for an overall depth of 22mm including cables. The high-power C1 NICHIA LED and range of optics make this a very useful, compact light fitting. Applications include shelf lighting and under kitchen cabinets.

KEY FEATURES

- Very shallow, only 22mm recess depth required including cable
- Ideal for shelf lighting or under cabinets
- 93 CRI LED in warm white
- Range of beam angles
- Maximum output is 500mA 1.7W due to its small size
- Minimal bezel thickness
- Available with Switch, 0-10V, DMX, Dali or Mains dimmable drivers

DIMENSIONS

For fixings and dimensions please go to page 4.



WHITE LED ENGINE SPECIFICATION

Engine	C1	
Beam angles	12°, 31°, 48°, 12° x 36°	
LED manufacturer	NICHIA	
Colour temperature	2200K, 2700K, 3000K, 4000K, 5000K	
Current [Rated output]	350mA [1.2W]	500mA [1.7W]
Typical LED Circuit wattage	1.1W	1.6W
Delivered lumens (L_{100})*	103	134
Delivered lm/Circuit W**	95	83
Typical LED Source wattage	1W	1.5W
Source LED Lm	133	187
Source lm/W	136	129
Forward voltage (V_{100})	2.8V	2.9V
CRI	93	
Colour consistency	2 SCDM	
Peak intensity	1,057 cd	
LOR	0.72	
TM30	RF93 | RG100	
UGR	UGR unavailable for wall mounted fittings	
BUG rating (Downlight mounted)	B0-U0-G0	
BUG rating (Sideways mounted)	B0-U2-G1	
LED lifetime	L90B5 at 90,000hrs	
Applications		

This data is based on LD40-C1-500/930/NB
*Lumen output data applies to all colour temperatures
**LED wattage includes losses assocaited with using a 90% efficient driver

MECHANICAL

Ambient temperature	C1	-20°C to 45°C (350mA-500mA)
	AUS/NZ	-20°C to 25°C (350mA-500mA)
Glass	5mm thick borosilicate	
Materials	Machine finish 316 stainless steel	
IP rating	IP67	
Wiring	Comes Pre-wired with 2 x 150mm single core lead, can be specified with up to 3m of single core cable at extra cost	

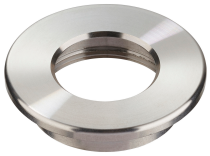
ENVIRONMENTAL

TM65	Available on request
TM66	2.7
Repair + Refurbish	R+R This product is included in our Repair and Refurbish scheme. This offers customers the ability to send back products to us for repair or refurbishment to extend their life without having to buy new fittings.

AVAILABLE FINISHES

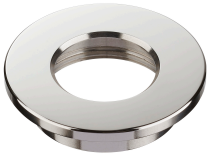
Please refer to our finishes guide for full details

MACHINED & PLATED FINISHES



316 STAINLESS STEEL
/SS

- Marine grade 316 Steel
- Standard machined finish
- Extremely durable with very high corrosion resistance
- Passivation recommended for marine environments to prevent corrosion and build up of brown stains caused by oxidation
- Interior & exterior use



POLISHED & PASSIVATED 316 STAINLESS STEEL
/PPSS

- Marine Grade 316 Steel
- Mirror like finish
- Extremely durable with very high corrosion resistance
- Passivated to extensively prolong resistance to corrosion and brown stains caused by oxidation in marine environments
- Interior & exterior use

POWDER COAT PAINT FINISHES

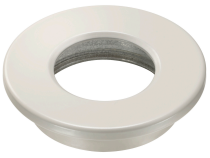
Our paint finishes are suitable for interior, exterior, and high-saline environments. All our painted finishes are applied in-house, allowing us to maintain complete control over quality and consistency. This also means we can easily accommodate any RAL colour specification in addition to our standard colour range, offering you full flexibility for custom projects.



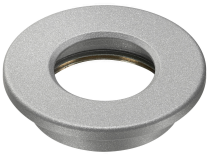
MATT BLACK
/PCBLK



MATT WHITE
/PCWHT



ANTIQUE WHITE
/PCAWHT



MATT SILVER
/PCMS



ANTHRACITE GREY
/PCANTGREY



GUNMETAL GREY
/PCGMG



ANTIQUE BRONZE
/PCANTBRZ



EARTH BRONZE
/PCEBRZ



DESERT BRONZE
/PCDBRZ



TEXTURED MARS BRONZE
/PCMARS



TEXTURED FIR GREEN
/PCTFG



WHITE STONE
/PCTWS

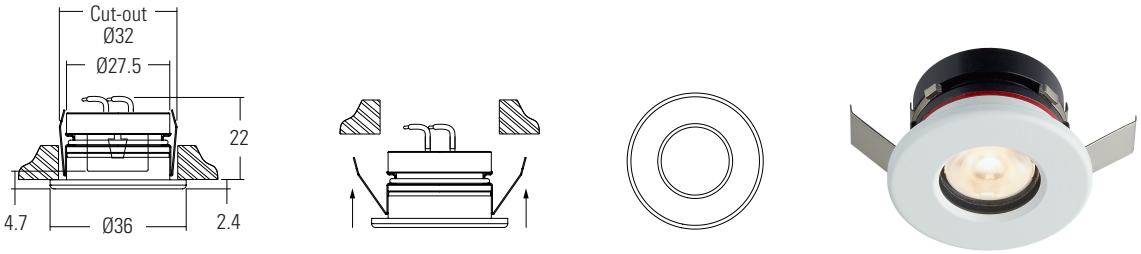


CUSTOM RAL
/CUSTFINISH

DIMENSIONS & FIXING OPTIONS

Dimensions in mm

/SC Spring clip fixing
Useful for most wall mounted applications.





ORDER CODES & OPTIONS

Example: LD40-C1-700/927/MB/316 Stainless Steel/480

Light Engine & Drive Current / LED Colour / Beam Angle / Finish / Fixing

C1

1.2W LED at 350mA*	LD40-C1-350
1.7W LED at 500mA*	LD40-C1-500

***AUS/NZ:**
Add - AU - suffix to the product code e.g. LD40-AU-C1-350

2200K 93+ CRI	/922
2700K 93+ CRI	/927
3000K 93+ CRI	/930
4000K 93+ CRI on request	/940
5000K 93+ CRI	/950
Blue	/LB
Green	/LG
Red	/LR
Amber	/LA

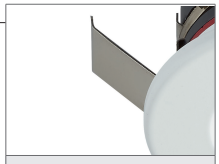
12° Narrow	/NB
31° Medium	/MB
48° Wide	/WB
12° x 36° Oval	/OB

Machine Finish

- 316 Stainless Steel
- Polished & Passivated Stainless Steel

Powder Coat

- Matt Black
- Matt White
- Antique White
- Matt Silver
- Anthracite Grey
- Gun Metal Grey
- Antique Bronze
- Earth Bronze
- Desert Bronze
- Textured Mars Bronze
- Textured Fir Green
- White Stone
- Any RAL



/SC

Drivers
Use with 350mA, 500mA & 700mA constant current LED drivers We have a wide range of LED drivers available. Please see the downloads section of our website.