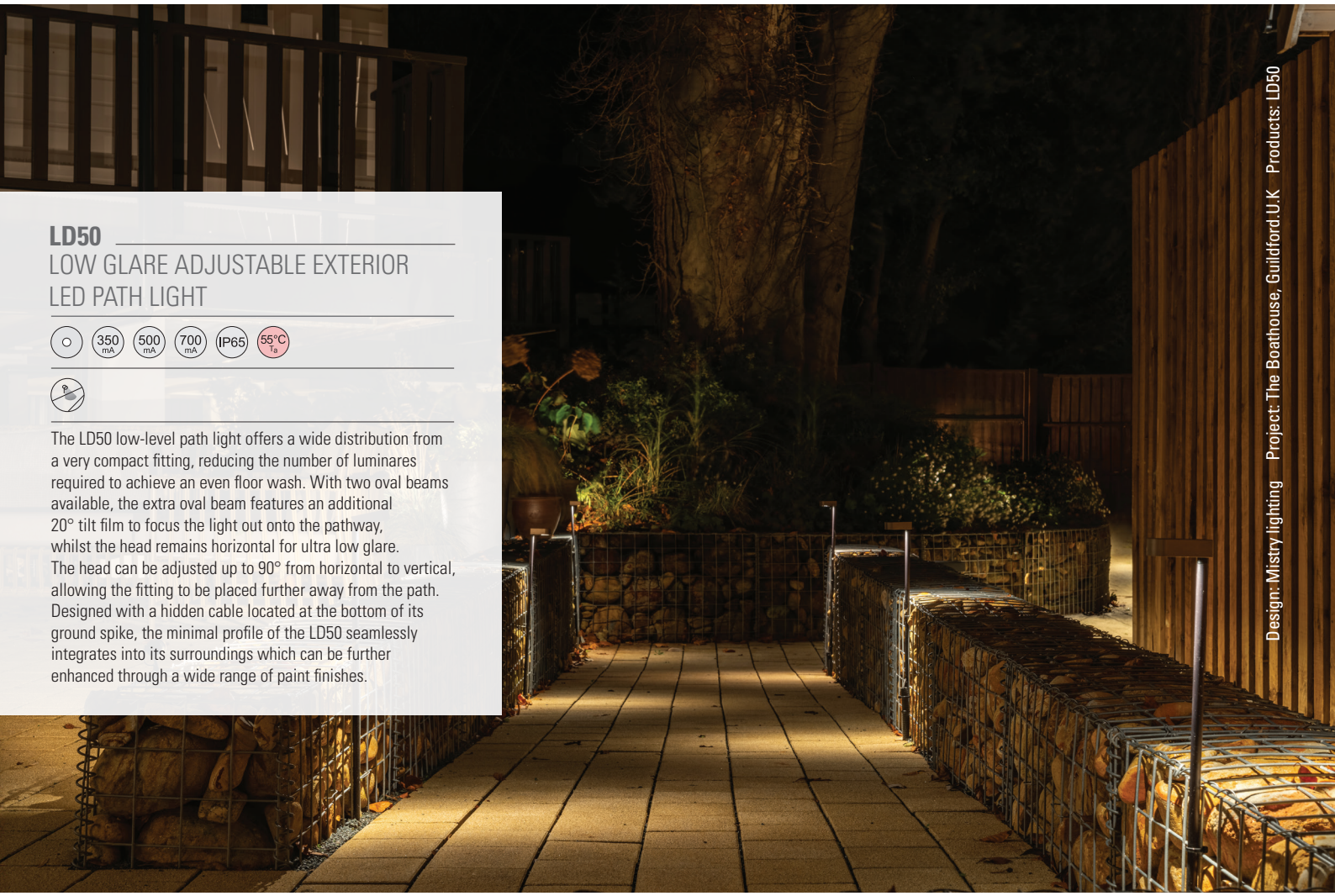


LD50

LOW GLARE ADJUSTABLE EXTERIOR LED PATH LIGHT

○ 350 mA 500 mA 700 mA IP65 55°C Ta

The LD50 low-level path light offers a wide distribution from a very compact fitting, reducing the number of luminares required to achieve an even floor wash. With two oval beams available, the extra oval beam features an additional 20° tilt film to focus the light out onto the pathway, whilst the head remains horizontal for ultra low glare. The head can be adjusted up to 90° from horizontal to vertical, allowing the fitting to be placed further away from the path. Designed with a hidden cable located at the bottom of its ground spike, the minimal profile of the LD50 seamlessly integrates into its surroundings which can be further enhanced through a wide range of paint finishes.

KEY FEATURES

- Low-level, very low glare path light with a wide beam distribtuion
- Available in a 18° x 37° oval beam and 46° x 80° extra oval beam
- The extra oval beam features an additional 20° tilt film to focus the wide beam distribution out onto the pathway
- Wide beam distribution means less products need to be specified to achieve an even floor wash
- Designed with a hidden cable located at the bottom of the ground spike
- Friction set head is adjustable up to 90° for placement further away from the path
- Wide range of powder coated finishes including: White (RAL 9016), Black (RAL 9005), Classic Bronze (YM262E), Gunmetal Grey (RAL 7021), Textured Mars Bronze, Textured Fir Green (RAL 6009) or any RAL colour
- Switched, 0-10V, Casambi, DMX, DALI or Mains dimmable drivers available

DIMENSIONS

For full dimensions please go to page 3.



WHITE LED ENGINE SPECIFICATION

Engine	C1		
Beam angles	18° x 37°, 46° x 80°		
LED manufacturer	NICHIA		
Colour temperature*	2200K, 2700K, 3000K, 4000K, 5000K		
Current [Rated Output]	350mA [1.2W]	500mA [1.7W]	700mA [2.4W]
LED power (Max)	1.1W	1.5W	2.1W
Delivered lumens (L_{100})	82	108	140
Lumens per circuit watt	78	72	67
CRI (Typ)	93		
Forward voltage (V_{100})	3.4V		
Colour consistency	2 SCDM		
Peak intensity	111 cd		
LED Lumens	213		
LOR	0.39		
TM30	RF93	RG99	
LED lifetime	L90B5 @ 90,000hrs		
Applications			

These values are based around a LD50-C1-700/930/OB
*Lumen output data applies across all colour temperatures.
**Indicates the nominal power for the LED run at that particular current and includes losses associated with using an 85% efficient driver
*** UGR values based on room parameter of 4H 8H, C70 W50 F20

MECHANICAL

	350mA	500mA	700mA
Ambient temperature ○ 55°C	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C
Glass	1.1mm thick, low iron glass		
Materials	Black hard anodised aluminium body		
Weight of product	0.3kg (including ground spike)		
IP rating	IP65		
Wiring	In-series constant current wiring (pre-wired with 2 core cable at 2000mm - can be specified with up to 10m at an extra cost)		

ENVIRONMENTAL

TM65	Available on request
TM66	2.5

AVAILABLE FINISHES

Please refer to our finishes guide for full details

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

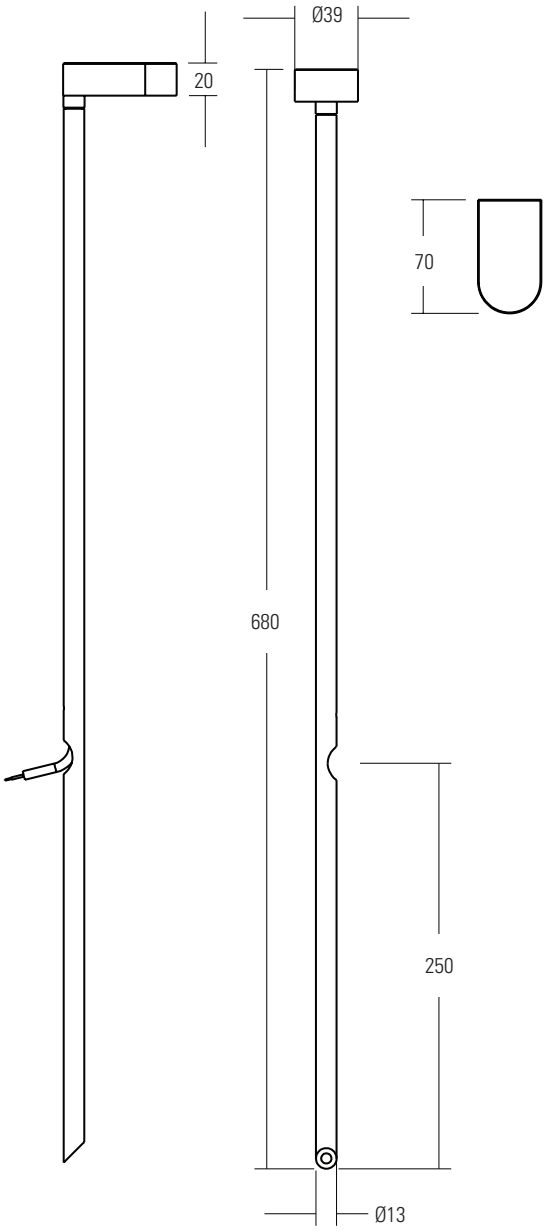


CUSTOM RAL
/CUSTFINISH

MOUNTING OPTIONS AND DIMENSIONS

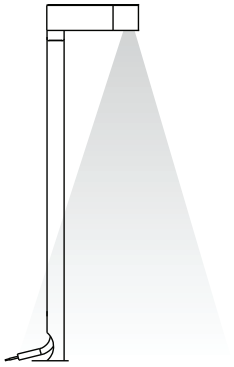
Dimensions in mm

The LD50 is supplied with a hard anodised aluminium ground spike that can be painted to match the head. The cable is hidden within the ground spike, with an exit hole located at the bottom. The standard mounting length is 400mm.

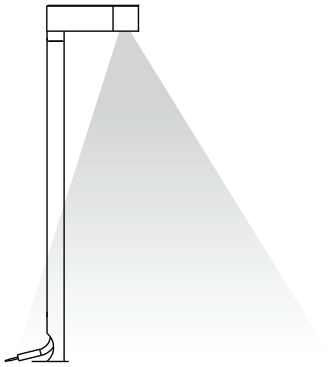


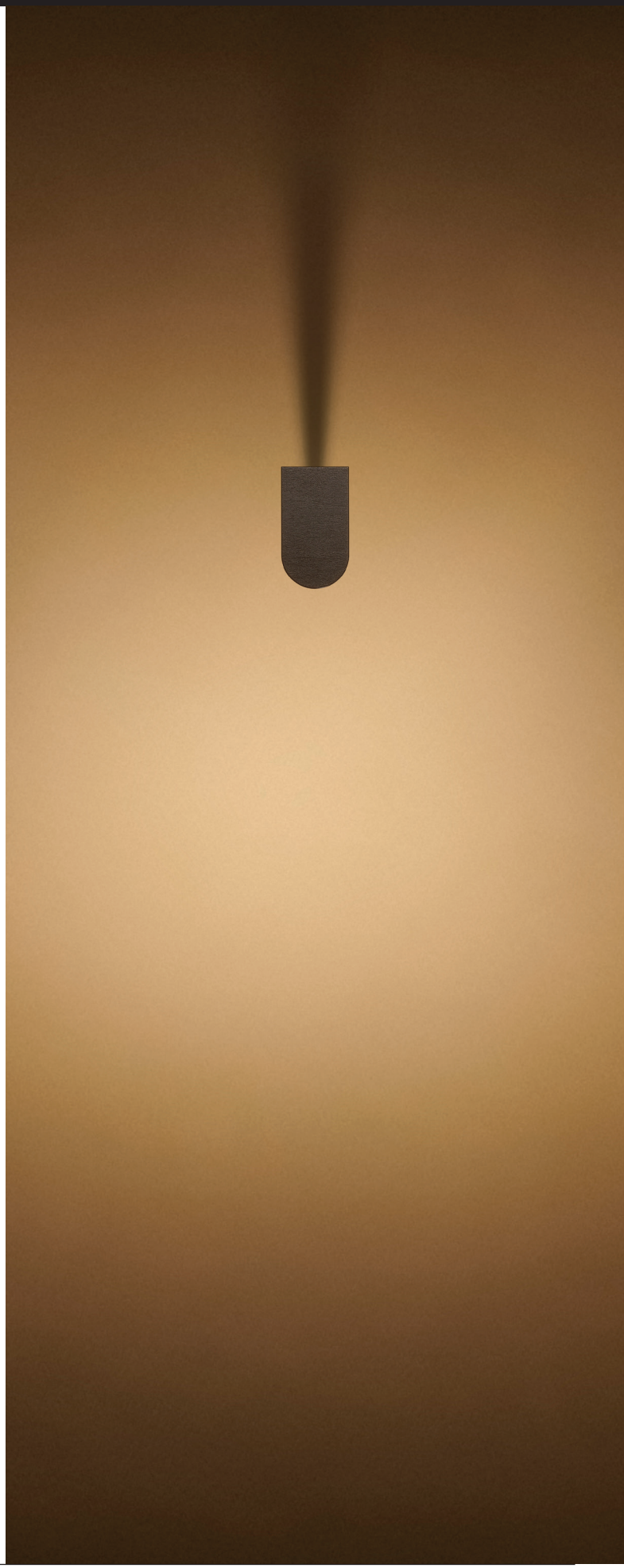
LIGHT OUTPUT OPTIONS

LD50-OB
The 18° x 37° oval beam offers a wide beam, allowing multiple LD50's to be positioned further apart whilst achieving a good even coverage.



LD50-EOB
The 46° x 80° extra oval beam features additional diffusers and a 20° tilt film. This focuses the light towards the path providing a very wide diffused beam, allowing multiple LD50's to be positoned further apart whilst still achieving a good even coverage.





ORDER CODES & OPTIONS

Example: LD50-C1-700/922/EOB/Classic Bronze

Light Engine & drive current		LED colour		Beam angle		Finish
LD50-C1-	/		/		/	

Ambient temperature key: 55°C

C1

55°C Ta	1.2W LED at 350mA	LD50-C1-350	2200K 93+ CRI	/922	18° x 37°	OB	Matt Black
55°C Ta	1.7W LED at 500mA	LD50-C1-500	2700K 93+ CRI	/927	46° x 80°	EOB	Matt White
55°C Ta	2.4W LED at 700mA	LD50-C1-700	3000K 93+ CRI	/930			Antique White
			4000K 93+ CRI on request	/940			Matt Silver
			5000K 93+ CRI	/950			Anthracite Grey
							Gun Metal Grey
							Antique Bronze
							Earth Bronze
							Desert Bronze
							Textured Mars Bronze
							Textured Fir Green
							White Stone
							Any RAL

Drivers
Use with 350mA, 500mA & 700mA constant current LED drivers We have a range of dimmable LED drivers including DMX and DALI compatible. Please see the downloads section on our website.