

LD53

EXTERIOR RATED, LOW LEVEL, DIFFUSED,
360°, LANDSCAPE ACCENT LIGHT



The LD53 exterior landscape accent light is designed to wash surfaces with a soft glow, highlighting specific areas of interest. With a custom LightGraphix reflector and LED array, it offers a wide, low-level, 360°, diffused wash of light from a very compact fitting. It is available in RGBW or standard white colour temperatures from 2400K to 5000K. An optional adjustable head is available, allowing up to 20° tilt via an innovative tool-less adjustable locking mechanism, allowing quick onsite adjustment. This versatile product can be used in-ground, on tabletops and on walls, allowing for a consistent lighting effect across a project and can be further enhanced through our wide range of paint finishes.








KEY FEATURES

- > Provides a wide, low-level, 360°, diffused wash of light from a very compact fitting, with very low glare
- > Minimalist and timeless design
- > Wide range of white LED colours from 2400K to 5000K
- > RGBW light engine available with incredible colour mixing capability
- > 24V input allowing multiple fitting to be wired in parallel
- > Optional adjustable head can be tilted up to 20° and locked using knurled collar for tool-less on-site focusing
- > Wide range of fixing options and Ground Spike heights, as well as a Surface Mount Base, and Surface Mount Base Extended
- > Dark sky lighting is achieved by focussing the light down and using a semi-recessed opal diffuser and optics, allowing for no upward spill of light
- > Features an anti-wicking barrier to increase protection against moisture ingress
- > 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/controllers available

DIMENSIONS





LED ENGINE SPECIFICATION

Engine	 LG2000		 RGBW			
LED manufacturer	Osram		Osram			
Colour temperature	2400K, 2700K, 3000K, 4000K, 5000K		Red	Green	Blue	White (4000K)
LED power (Max)	5.4W		2.7W	2.3W	1.8W	3.6W
Delivered lumens (L ₁₀₀)	276		25.6	45	6.18	116
Lumens per circuit watt	51		9.6	19.7	3.4	31.7
CRI (Typ)	93		-			
Forward voltage (V ₁₀₀)	24V constant voltage		24V constant voltage			
Colour consistency	3 SDCM		-			
Peak intensity	91 cd		8.75cd	15.3cd	2.07cd	39.9cd
LED Lumens	540lm		382.5lm			
LOR	0.50		0.57			
TM30	RF91	RG98.4	-			
LED lifetime	50,000hrs (to 70% lumen output)					
Applications	  					

These values are based around a LD53/LW27 and LD53/RGBW

MECHANICAL

Ambient temperature ○ 55°C	 LG2000	-20°C to 50°C
	 RGBW	-20°C to 50°C
Diffuser	Ceramic printed clear glass, 3.0mm thick, toughened	
Materials	Anodised aluminium 6026 body and ground spike	
Weight of product	424g	
IP rating	IP65	
Wiring	Parallel constant voltage wiring 24V	

ENVIRONMENTAL

TM65	Available on request
TM66	2.5

AVAILABLE FINISHES

Please refer to our finishes guide for full details

The LD53 body and ground spikes are machined from aluminium, anodised, and then painted in-house at LightGraphix. Paint finishes are suitable for interior and exterior use. Our standard colours are below but we can accommodate any RAL request. Please view our full finishes guide online for more information.

POWDER COAT

Powder coat paint is offered in special textured finishes, which are suitable for interior, exterior and high-saline environments.



BLACK
(RAL 9005)



WHITE
(RAL 9016)



CLASSIC BRONZE
(YM262E)



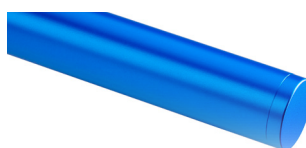
TEXTURED FIR GREEN
(RAL 6009)



TEXTURED MARS BRONZE



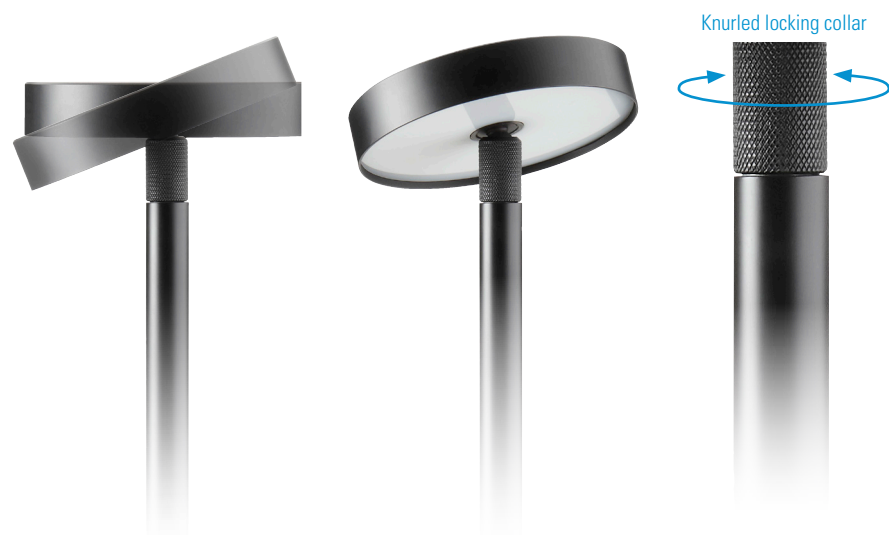
GUNMETAL GREY
(RAL 7021)



RAL COLOURS

ADJUSTABILITY

LD53 is available with an adjustable head with 20° lockable tilt, for applications that require the light to be angled away which can help with reducing glare. An innovative knurled collar allows for tool-less easy on-site focusing and locking of the tilt.



LD53/27K/Black/051536

WHITE & RGBW LED ENGINES

The LD53 has excellent RGBW capabilities. With the 5-core cable you are able to set the LED to any shade on the colour spectrum, easily adapting to any environment. The fitting is also available in all of our standard colour temperatures, including very warm white 2400K.



OPAL DIFFUSER

The LightGraphix reflector, LED array and opal diffuser creates a wide, diffused wash of light with no spotting of the LEDs. The addition of a lip protruding beyond the diffuser works to reduce visual glare.

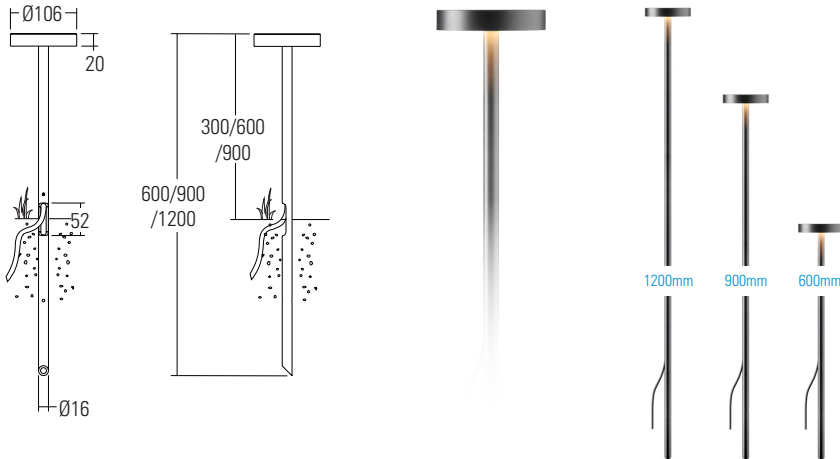


DIMENSIONS & FIXING OPTIONS

Dimensions in mm

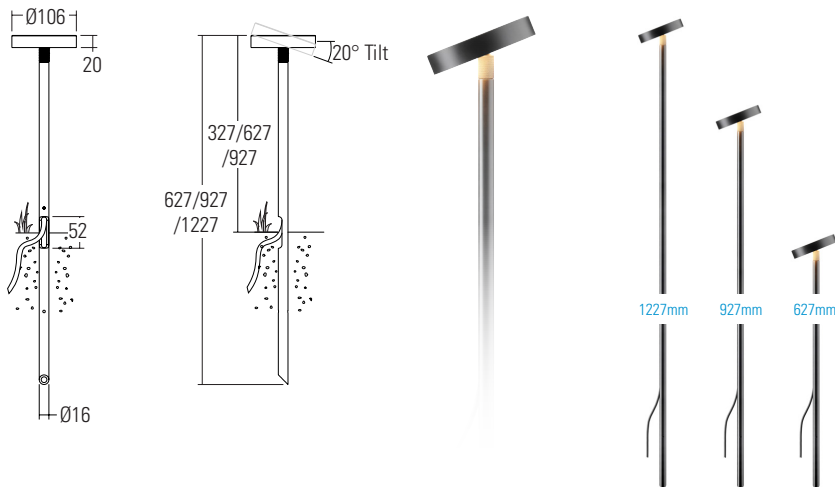
/GSF53-6/9/12 Fixed Ground Spike 600mm, 900mm or 1200mm

The Fixed Ground Spike is manufactured out of aluminium and is available in three lengths, 600mm, 900mm or 1200mm, painted to match the body.



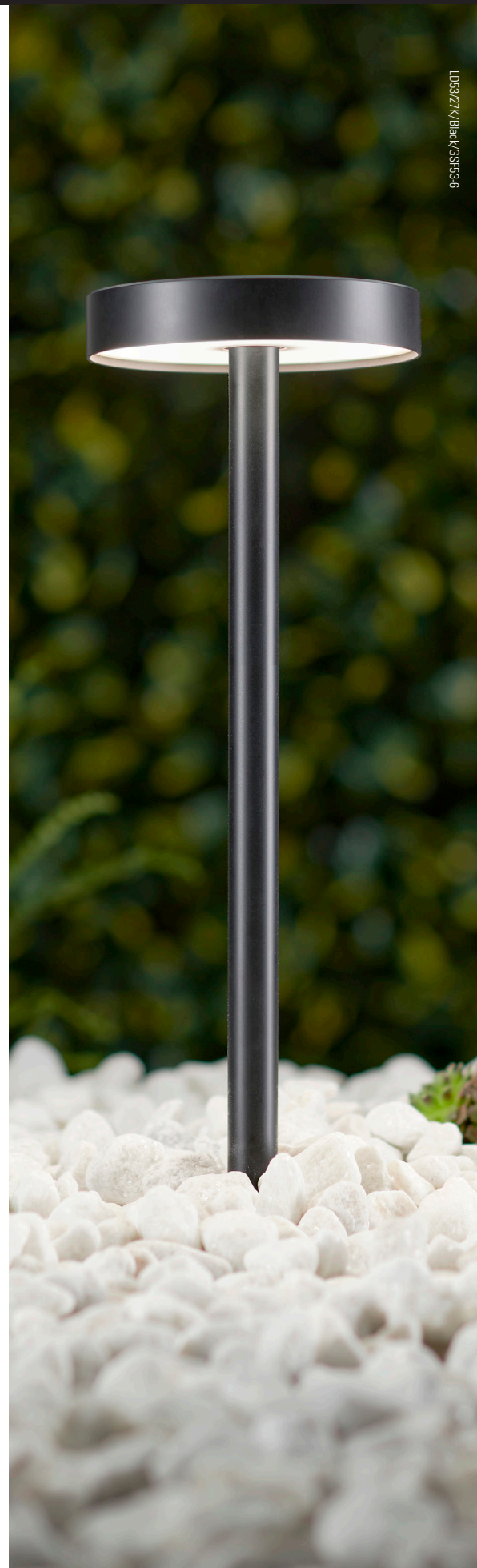
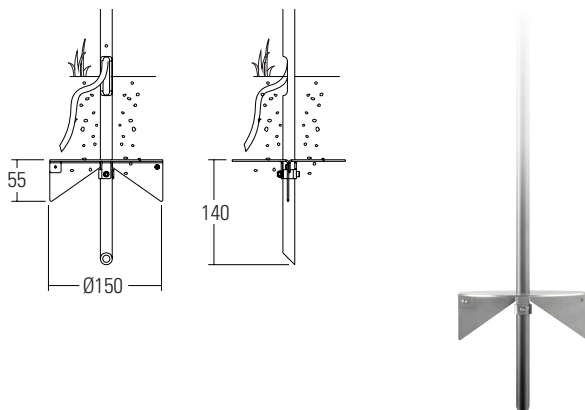
/GSAT53-6/9/12 Ground Spike with Adjustable Tilt 627mm, 927mm or 1227mm

The Ground Spike with Adjustable Tilt is manufactured out of aluminium and is available in three lengths, 600mm, 900mm or 1200mm, painted to match the body, including a lockable and tiltable head up to 20°.



/GSP Ground Spike Plate

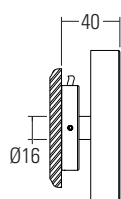
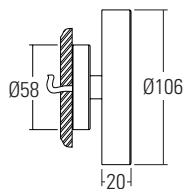
Gives extra support for applications with soft ground by being buried attached to the ground spike stem. Stainless Steel, un-painted.



/SMB53

Surface Mount Base

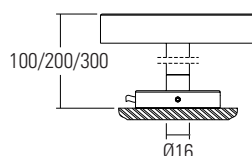
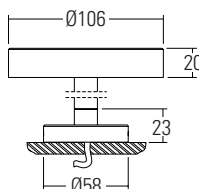
Surface Mount Base is supplied as standard with a very short stem and minimal fixings, for wall or accent light applications. The cable can either be hidden and routed through the mounting surface or run through the side of the base via a removable grub screw.



/SMBEX53-100/200/300

Surface Mount Base Extended 100/200/300mm

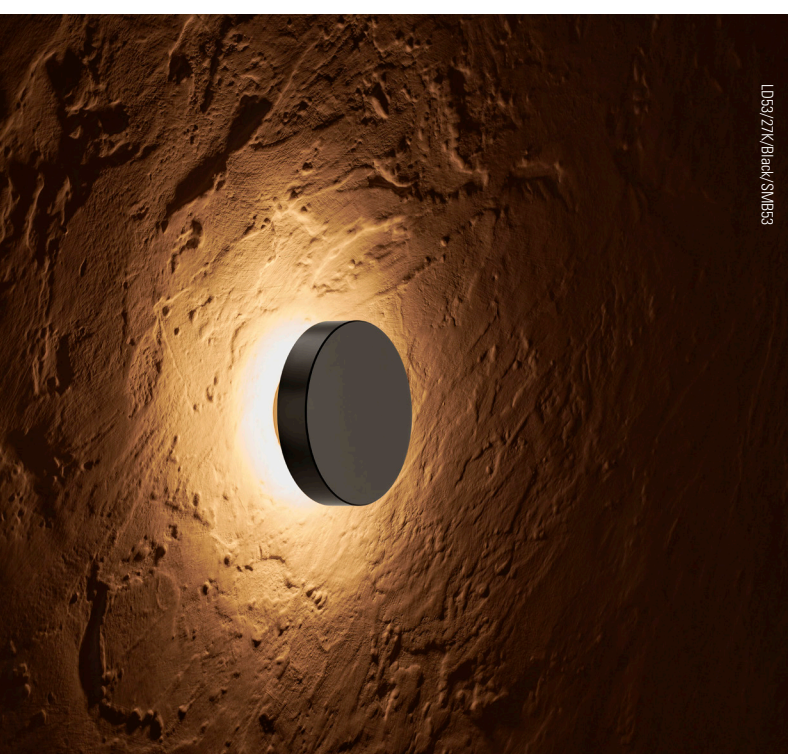
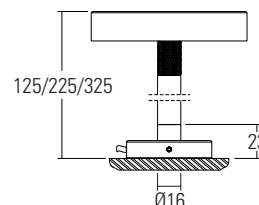
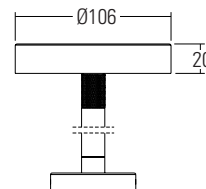
SMBEX offers hidden wiring and strong base plate for solid surface applications, allowing the fitting to be screwed down directly. The cable can either be hidden and routed through the mounting surface or run through the side of the base via a removable grub screw. Available in 100mm length increments from 100mm up to 300mm.



/SMBEXAT53-100/200/300

Adjustable Tilt Surface Mount Base Extended 100/200/300mm

The SMBEX with Adjustable Tilt offers hidden wiring and allows the fitting to be screwed directly onto the solid mounting surface, as well as a lockable and tiltable head up to 20°. The cable can either be hidden and routed through the mounting surface or run through the side of the base via a removable grub screw. Available in 100mm increments from 100mm up to 300mm.



LD53/27K/Black/SMB53



LD53/27K/Black/SMBEX53


ORDER CODES & OPTIONS

Example: LD53/LW27/Black/GSAT53-6

Light Engine & Drive Current

LD53

LED Colour

Ambient temperature key:  50°C



White

24V 5.4W

LD53 (LG2000)

Very Warm White (2400K)	/LW24
Extra Warm White (2700K)	/LW27
Warm White (3000K)	/LW30
White (4000K) - on request	/LW40
Cool White (5000K)	/LW50



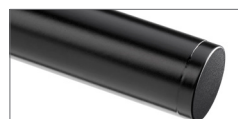
RGBW

24V 5.4W

LD53-RGBW

Finish

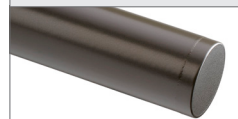
Fixings & Accessories



Powder Coat
Black
(RAL 9005 - Standard)



Powder Coat
White
(RAL 9016)



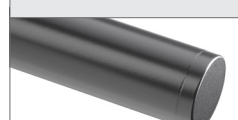
Powder Coat
Classic Bronze
(YM262E)



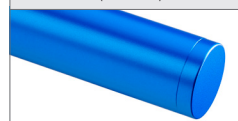
Powder Coat
Textured Fir Green
(RAL 6009)



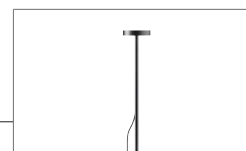
Powder Coat
Textured Mars Bronze



Powder Coat
Gunmetal Grey
(RAL 7021)



Custom
RAL Colours



/GSAT53-6

/GSAT53-9

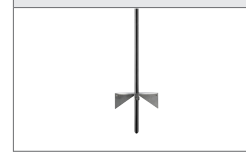
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/GSAT53-6

/GSAT53-9

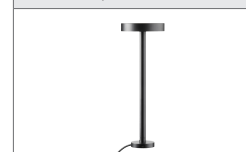
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/GSP53



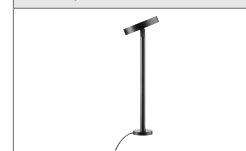
/SMB53



/SMBEX53-100

/SMBEX53-200

/SMBEX53-300



/SMBEXAT53-100

/SMBEXAT53-200

/SMBEXAT53-300

Drivers

To be used with 24V constant voltage LED Drivers and Controllers
We offer a range of drivers with 1-10V, DMX, and DALI dimming options.
Please download the data sheet from the downloads section at www.lightgraphix.co.uk, or contact us for more information.