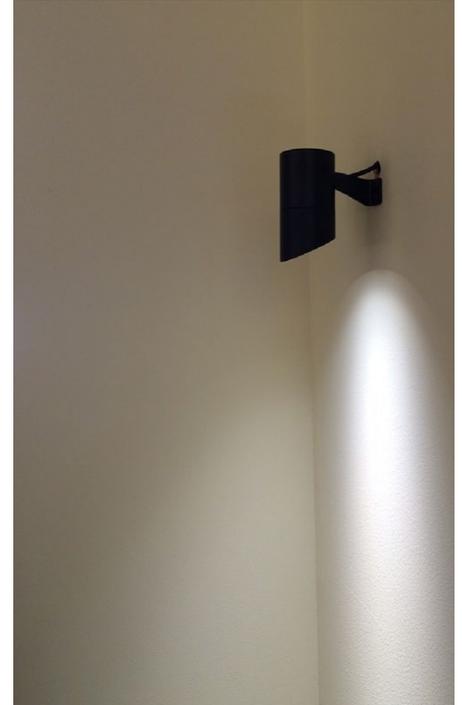


LD10238



High Power Surface Mounted Adjustable Exterior LED Spotlight

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A compact, high power spotlight, with excellent output. The LD10238 has a very minimal design ensuring it will blend into most interior and exterior project styles. The use of a single optic ensures excellent beam shape and soft edge. It comes with a wide range of fixing options and accessories and is available in a choice of finishes.

Key Features

- Low glare is achieved with a cowl, and recessing the LED and lens assembly deep within the body
- Lockable tilt adjustment
- High quality machined components
- Single optic produces a very consistent beam with no multiple shadows
- Narrow 10° spot is available for lighting columns and arches
- Surface mount base offers lockable tilt and rotation with no visible cable
- Spike accessory available for in-ground applications
- RGBW LED option uses a larger optic, for improved colour mixing (max 500mA)
- Same LED as LD151, LD150 and LD10236 for consistency through a project
- Range of finish options
- Available with Switch, 0-10V, DMX, Dali or Mains dimmable drivers



Specification

Applications						
Beam Angles	10°, 30°, 50°, 15°x 30°					
LED type	1 x Cree MKR 4 die LED with 2 Step Easy White binning					
Colour temperature	2700K / 3000K / 4000K			5000K		
Current	350mA	500mA	700mA	WW	500mA	700mA
LED power (Max)	5W (4.4W)*	7W (6.3W)*	10W (9W)*	5W (4.4W)*	7W (6.4W)*	10W (9W)*
CRI (Min)	85	85	85	80	80	80
Forward voltage (V) ₁₀₀	14V	14V	14V	14V	14V	14V
Delivered lumens (L ₁₀₀)**	345	469	584	369	502	625
Lumens per circuit watt	78	74	65	84	80	69
LED lifetime (to 70% lumen maintenance)	50,000hrs at a max ambient temperature of 35°C (if higher ambient then run at 500mA up to 45°C)					
Glass	3mm thick borosilicate					
Materials	Anodised aluminium					
Wiring	Comes pre-wired with 2 core 1m lead. RGBW is a 6 core cable. IP rated connection required. Can be specified with up to 10m at extra cost.					
IP rating	IP67					

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

** lumen output indicated is with the 10° optic. Allow 15% less for other beam angles.

LD10238

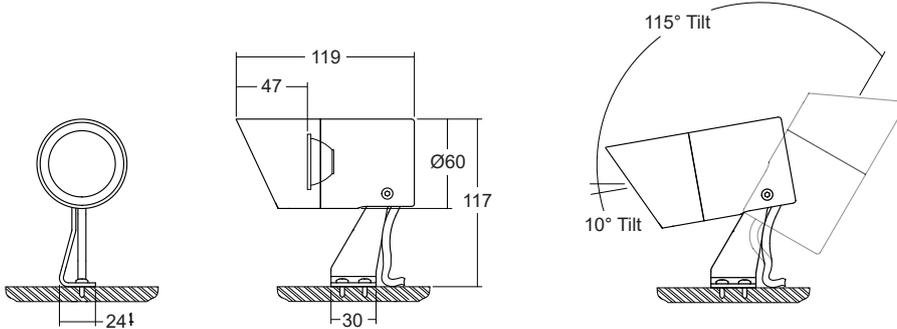


High Power Surface Mounted Adjustable Exterior LED Spotlight

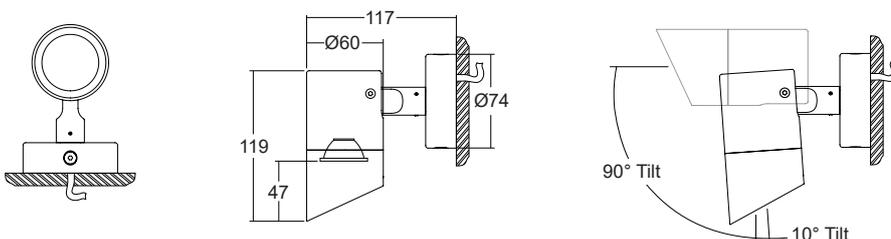
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Fixing options and dimensions

/SAM Surface adjustable mounting is screwed to the mounting surface and allows for minor rotational adjustment. The tilt adjustment is lockable via the socket head screw on the side.



/SMB Surface mount base offers hidden wiring and a machined pivot arm with lockable tilt and rotation.



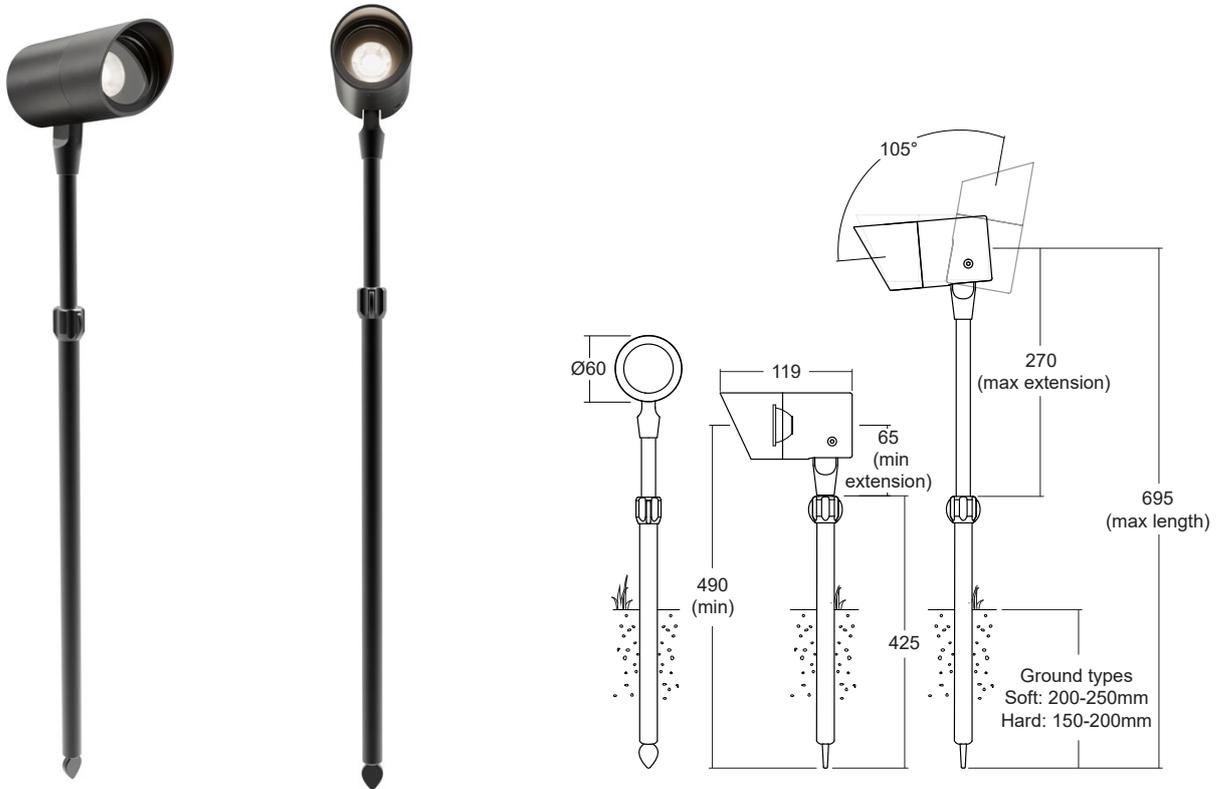
LD10238



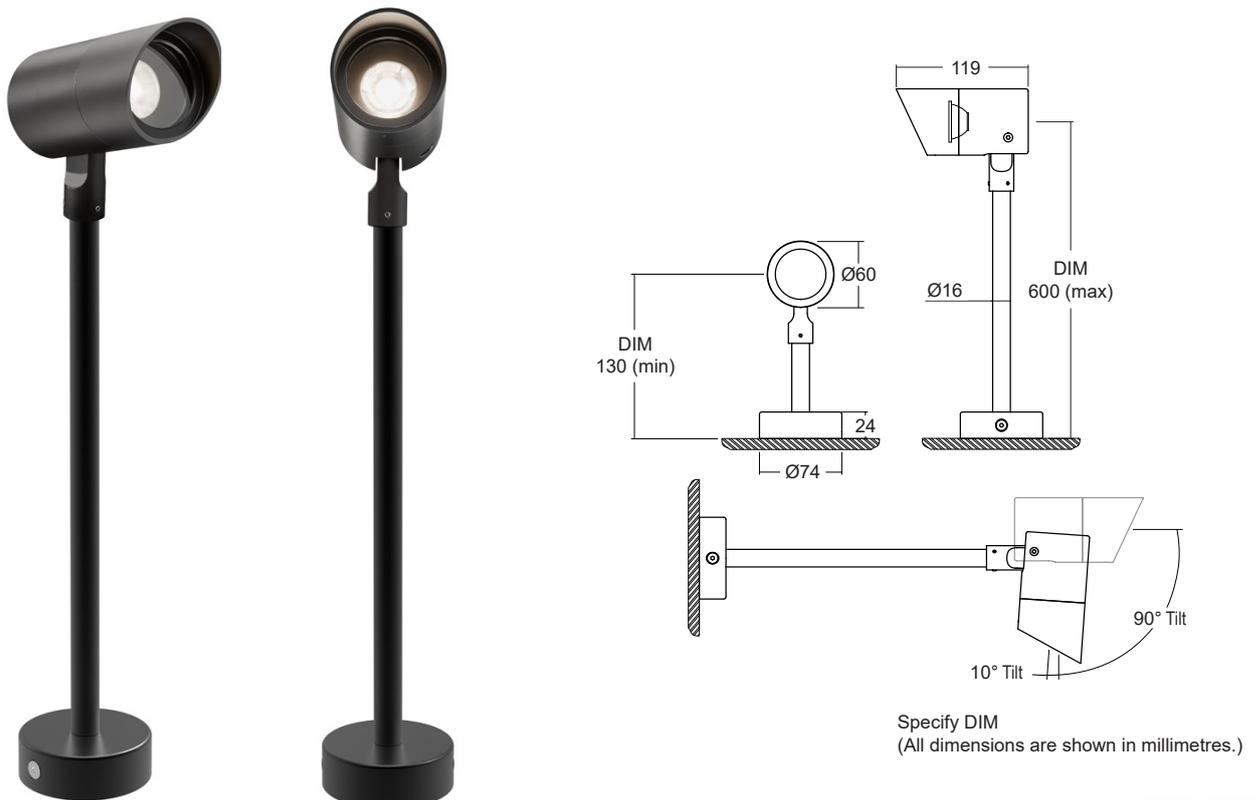
High Power Surface Mounted Adjustable Exterior LED Spotlight

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/GSA Adjustable ground spike with lockable tilt adjustment, for in ground applications. It also has a height adjustment of 490mm to 695mm.



/SMBEX Surface mount base with lockable tilt adjustment has a customisable arm length. It can be specified between 130mm and 600mm to the centre of the fitting. Suitable for vertical and horizontal mounting.



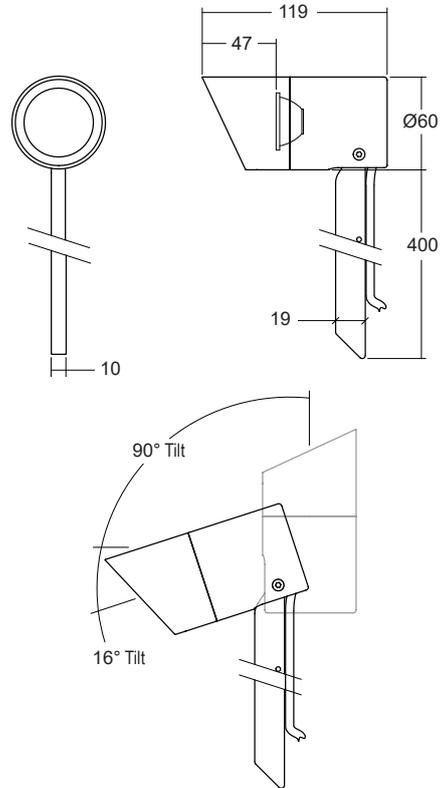
LD10238



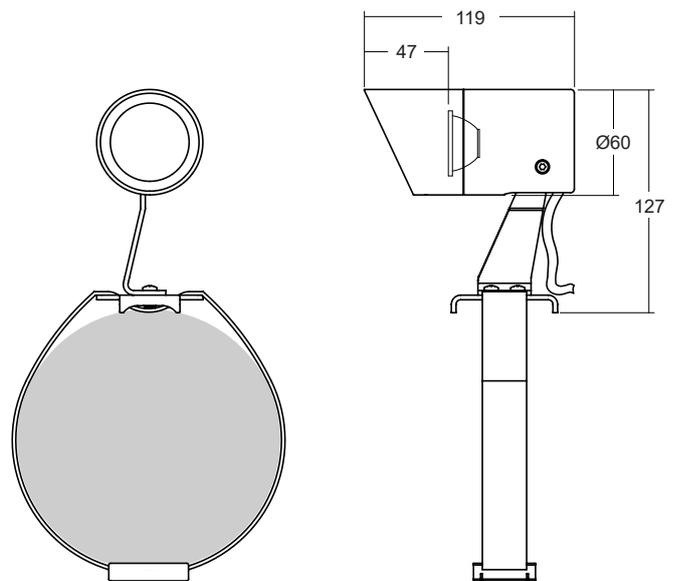
High Power Surface Mounted Adjustable Exterior LED Spotlight

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/GS Ground spike for in ground applications. Lockable tilt adjustment.



/TS Tree strap accessory is manufactured from a woven nylon webbing, covered with a recycled rubber coating which allows it to grip the trunk when tightened. It allows for minor rotational adjustment. A tilt adjustment of 10deg can be achieved towards the tree and is lockable via the socket head screw on the side.



Trunk measurements:
1400mm circumference
Ø450 maximum diameter

LD10238

High Power Surface Mounted Adjustable Exterior LED Spotlight



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Accessories

/HL Honeycombe louvre for reduced glare. Please note this is not suitable for use with the 30° and 50° deg beam angle due to the quality of the beam.



Photometrics

Photometric files are included in the design pack which can be downloaded from the LD10238 product page on the website.

Order Codes and Options

Product code	LED colour	Lens angle	Finish	Fixing method & accessory
LD10238 - 350 - 500 - 700	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Example: LD10238-700 / LW30 / NB / Black / SMB / HL

Product codes with output options

5W 350mA	LD10238-350
7W 500mA (max for RGBW)	LD10238-500
10W 700mA	LD10238-700

LED colour options

	Suffix
Extra Warm White (2700K)	/LW27
Warm White (3000K)	/LW30
White (4000K) - on request	/LW40
Cool White (5000K)	/LW50
RGBW (4000K White)	/RGBW

Beam / lens angle options

10° narrow spot	/NB
30° medium spot	/MB
50° wide spot	/WB
15° x 30° oval spreader beam	/OB
RGBW LED comes with a 26° lens	

Paint finish options

Silver / black / white (RAL 9016) / RAL finish
 (please see our finishes guide for bronze and other wet spray finishes)

Fixing methods and accessories

Surface arm mounting	/SAM
Surface mount base	/SMB
Extendable ground spike	/GSA
Surface mount base with extended arm (specify DIM)	/SMBEX (DIM)
Ground spike	/GS
Tree strap	/TS
Honeycomb louvre (not suitable for use with 30° and 50° lens)	/HL

Use with 350mA, 500mA or 700mA constant current LED drivers

For our complete range of LED drivers please download the data sheet from the downloads section at www.lightgraphix.co.uk



Design: Design Plus Light Project: Private Residence Product: LD10238