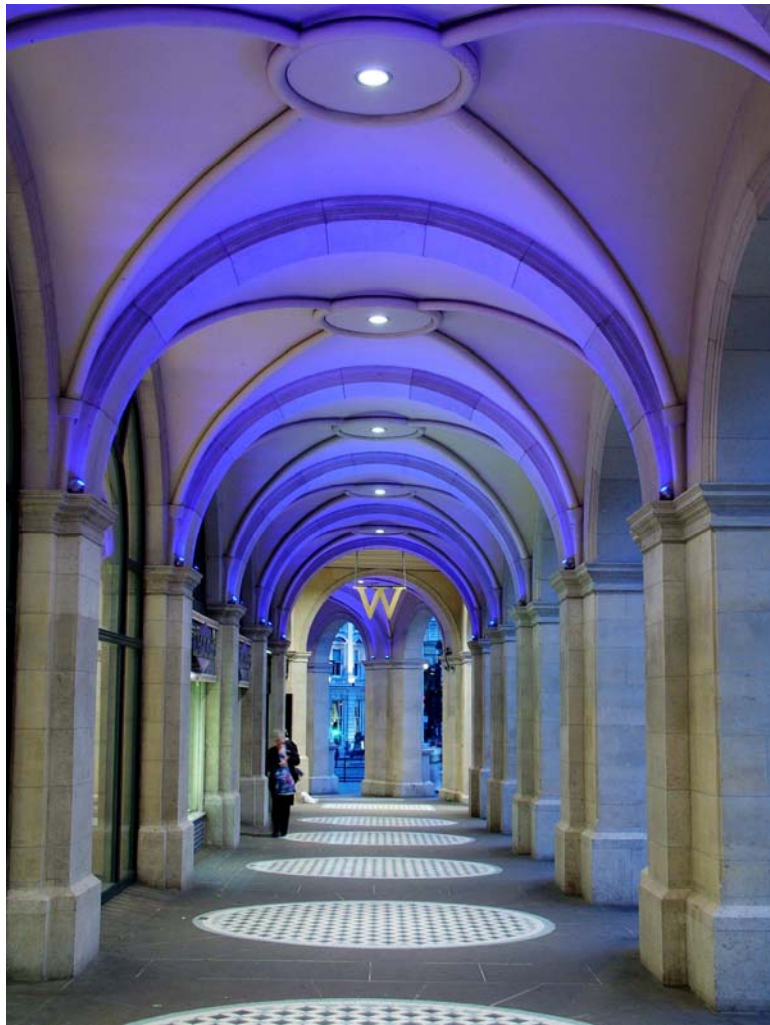


LED Lighting

Spotlights
Downlights
Pavers



LED - Exterior - Spotlights



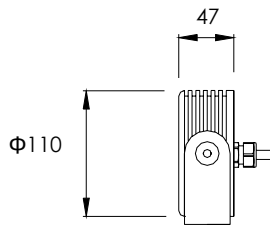
Welcome to our latest LED catalogue featuring spotlights, downlights & pavers. We have added a number of new products in each part of the range, including versions of existing items that will now take the Luxeon Star III™. This is the latest version of the high output Luxeon star range and has a rated output of 65 lumens when run at the recommended 700mA*. This gives approximately 70% of the original output at 50,000 hours. See the full specification on page 6.

All products are available with red, green, blue, amber, white or warm white LEDs (warm white is not available on 700mA versions) and some can have RGB colour changing modules fitted. Please stipulate your requirements when ordering.

The full product number can be made up using the chart on page 6.

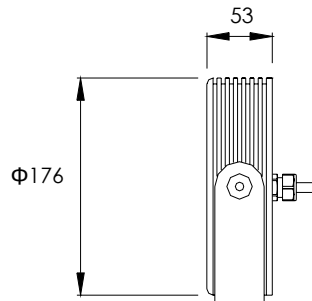
Spotlights

New 12 & 36w products are shown below offering high output single colour lighting for inside or out, or stunning colour change effects. A patented laminated glass cover reduces UV to protect the internal components, whilst the aluminium alloy body is configured to provide effective thermal management of the LEDs.



CLF2740 12w LED Spot IP67

Material:	Aluminium alloy
Finish:	Anodised Silver
LED:	12 x 1w Luxeon
Cable length:	3 metres
Power supply:	CRE 2784 see p6
Options:	6, 15 or 25° lens Single colour or RGB colour change



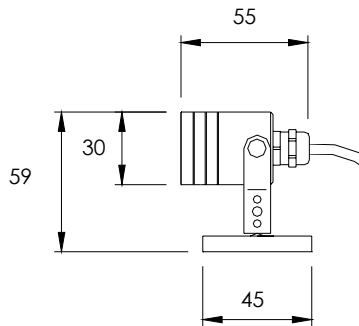
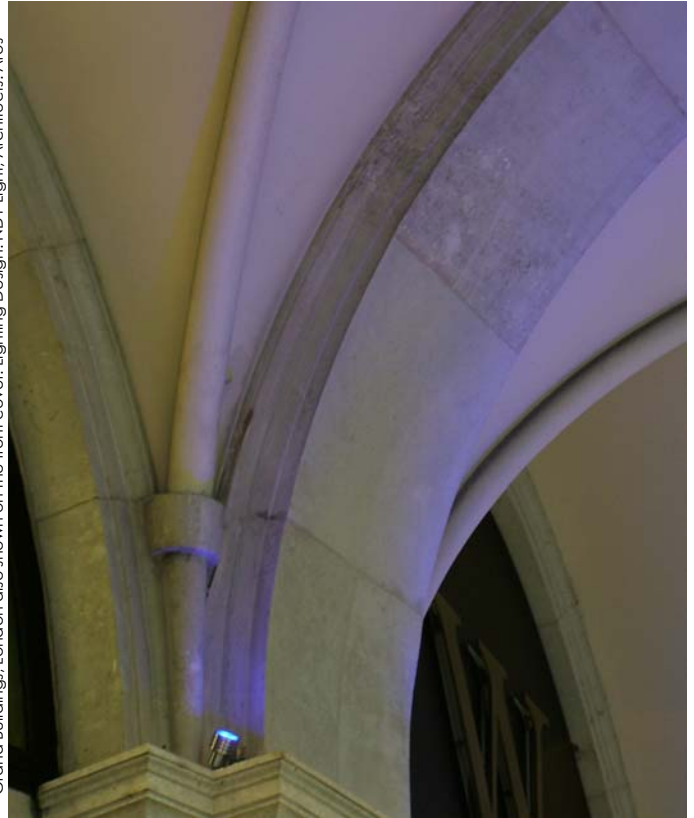
CLF2742 36w LED Spot IP67

Material:	Aluminium alloy
Finish:	Anodised Silver
LED:	36 x 1w Luxeon
Cable length:	3 metres
Power supply:	CRE 2801 see p6
Options:	6, 15 or 25° lens Single colour or RGB colour change

* The performance of the latest LEDs is improving all the time. All figures given here are correct at the time of going to print. Contact the Crescent technical office for the latest information.

These smaller spotlights were in our first LED catalogue. They have been upgraded with the addition of stirrup attachment mounts to give them a wider range of adjustment. The CLF2750 design has been joined by a powerful new 700mA 2w version.

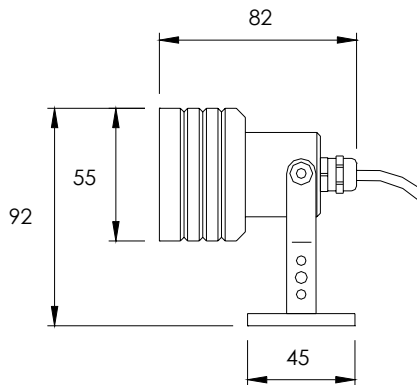
Grand Buildings, London also shown on the front cover. Lighting Design: NDY Light. Architects: Aros



CLF2750 1w Spot IP68

CLF2960 2w Spot IP68

- Material: Body: 316L stainless steel
- Cover: Toughened glass
- Finish: Natural
- LED: 1 or 2w Luxeon
- Cable length: 1.5 metres
- Power supply: CRE 2784 see p6
- Options: 6, 10, 15 or 25° lens



CLF2749 MR16 IP68

- Material: Body: 316L stainless steel
- Cover: Toughened glass
- Finish: Natural
- LED: 1w MR16 module
- Cable length: 0.5 metres
- Power supply: CRE2777 see p6
- Options: 6, 10, 15 or 25° lens
- RGB Colour change

Fittings - exterior - pavers

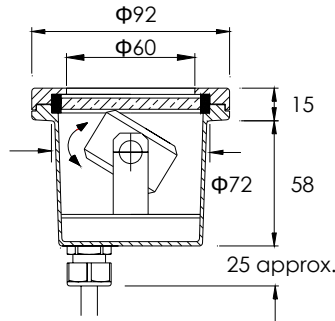


The Crescent LED Paver range is well established and has been extended over the years. The latest additions are larger with triple LED output or an adjustable 2w 700mA LED module.

The original pavers are shown on the opposite page. All are manufactured from marine grade stainless steel 316L which is resistant to salt and chlorine. All covers are 6mm toughened glass, clear or frosted, with silicone 'o' rings to give an IP68 rating to a depth of 1 metre.

All are supplied with connection cable and are natural stainless steel finish.

See page 6 for full part number matrix, LED specifications and transformer/power supply recommendations.



CLF2902 2w Adjustable IP65

Material: Aluminium alloy with a phosphate primer & two part epoxy paint

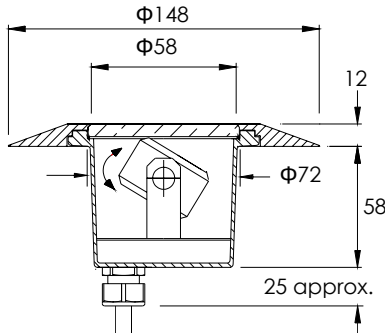
Finish: Silver

LED: 2w Luxeon

Cable length: 1.5 metres

Power supply: CRE 2784 see p6

Options: 6,10,15 or 25° lens



CLF2903 2w Adjustable Flat Top IP65

Material: Aluminium alloy with a phosphate primer & two part epoxy paint

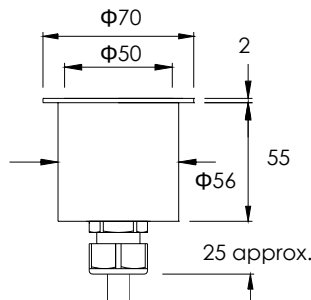
Finish: Silver

LED: 2w Luxeon

Cable length: 1.5 metres

Power supply: CRE 2784 see p6

Options: 6,10,15 or 25° lens



CLF2748 MR16 IP68

Material: 316L stainless steel

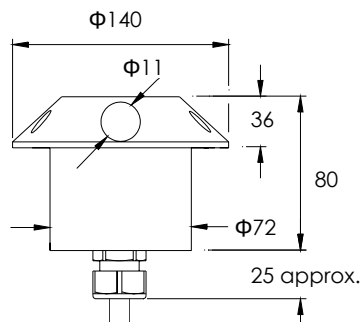
Finish: Natural

LED: 1w MR16 module

Cable length: 0.5 metres

Power supply: CRE 2777 see p6

Options: 6,10,15 or 25° lenses
RGB Colour change



CLF2754 1w Triple LED IP68 Integral

Material: 316L Stainless Steel

Finish: Natural

LED: 3 x 1w Luxeon

Cable length: 1.5 metres

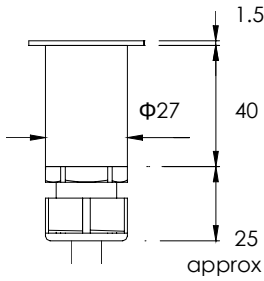
Power supply: 240v (integral driver)

Options: 6,10,15 or 25° lens

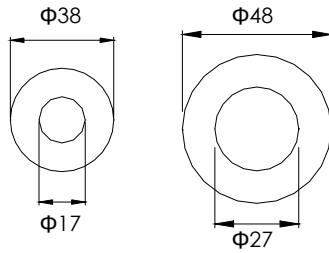
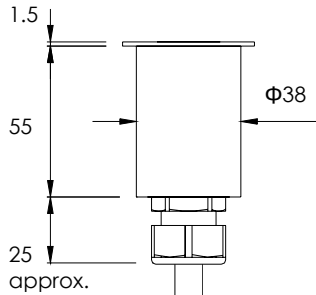
Fittings - exterior – small pavers – IP68

Small Paver

All these Pavers have 1.5 metres of cable fitted



Large Paver

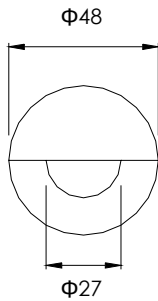


CLF2212 Small Flat Top

LED: Crescent module only

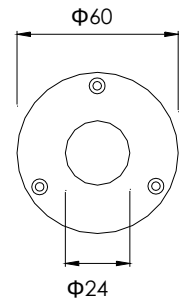
CLF2211 1w Large Flat Top. CLF2900 2w Large Flat Top

LED: Crescent module or Luxeon Star lensed or unlensed



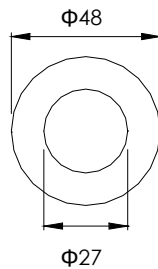
**CLF2756 1w Large Eyelid
CLF2906 2w Large Eyelid**

LED: Crescent module or Luxeon Star lensed or unlensed



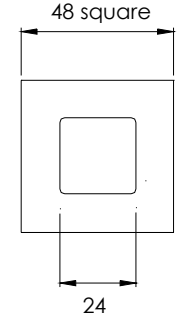
**CLF2758 1w Large Screw Fix.
CLF2904 2w Large Screw Fix**

LED: Crescent module or Luxeon Star lensed or unlensed



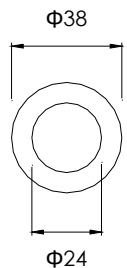
**CLF2759 1w Large Dichroic
CLF2901 2w Large Dichroic**

LED: Crescent module or Luxeon Star lensed or unlensed



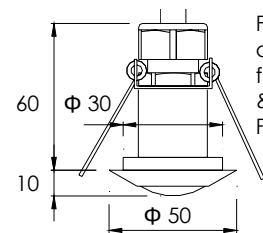
**CLF2329 1w Large Square
CLF2905 2w Large Square**

LED: Crescent module or Luxeon Star lensed or unlensed



**CLF2210 1w Small Domed
CLF2907 2w Small Domed**

LED: Crescent module or Luxeon Star lensed or unlensed

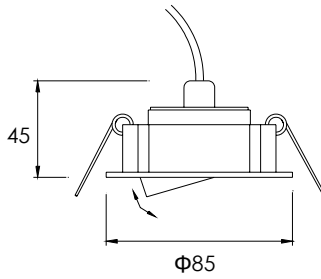


**CLF2213 1w Small Domed with Springs
CLF2908 2w Small Domed with Springs**

LED: Crescent module or Luxeon Star lensed or unlensed

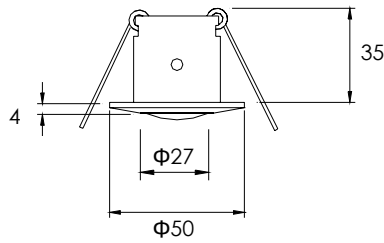
Fixing springs are available for all the 48 & 38 dia. Pavers

Fittings - interior IP20



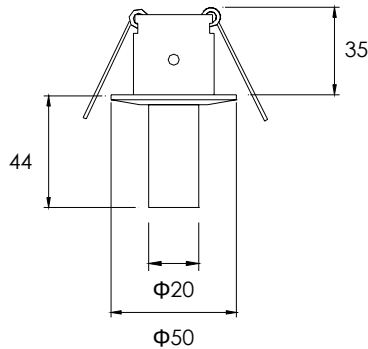
CLF2372 1w MR16 Lensed Downlight

Material: Aluminium alloy
 Finish: White, Black, Silver, Gold
 LED: 1w MR16 module
 Tilt Angle: 20°
 Cut out: 75mm dia.
 Cable length: 0.5 metre
 Power supply: CRE 2777 see p6
 Options: 6,10,15 or 25° lens
 RGB colour change



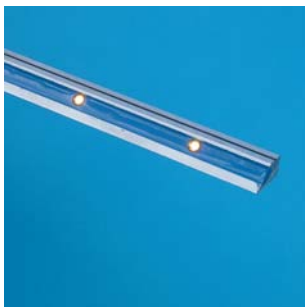
CLF2386 1w Lensed Downlight

Material: Aluminium alloy
 Finish: White, Black, Silver, Gold
 LED: 2w Luxeon
 Cut out: 40mm dia.
 Cable length: 1.5 metres
 Power supply: CRE 2784 see p6
 Options: 6,10,15 or 25° lens

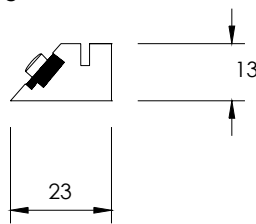


CLF2769 1w Downlight Acrylic Rod

Material: Aluminium alloy
 Finish: White, Black, Silver, Gold
 LED: 1 or 2w Luxeon
 Cut out: 40mm dia.
 Cable length: 1.5 metres
 Power supply: CRE2777 see p6

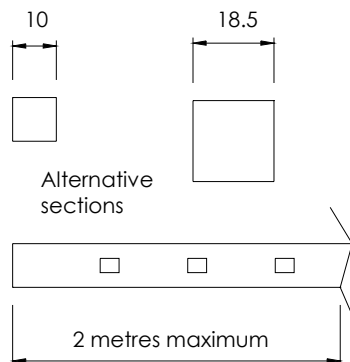
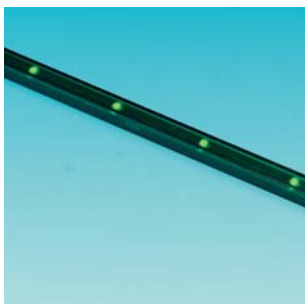


Drawing & image show CLF2791



CLF2790 1w Linear LED Strip 00

Material: Aluminium alloy
 Finish: Anodised
 LED: 1w Luxeon 8 LEDs/m
 Max length: 2 metres
 Cable length: 1.5 metres
 Power supply: CRE2777 see p6



CLF2767 10mm Square Linear Strip

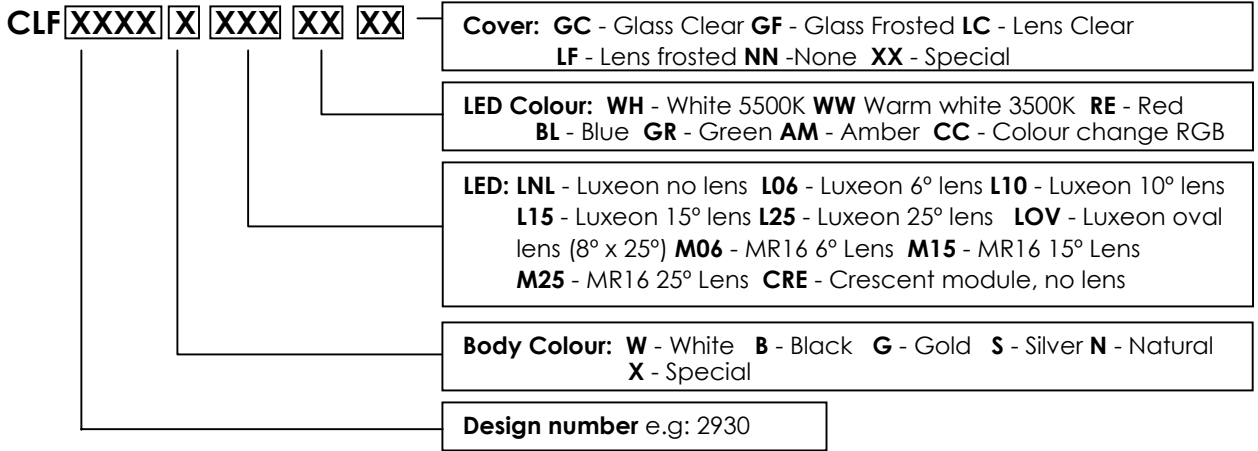
CLF2792 18.5mm Square Linear Strip

Material: Acrylic
 Finish: Natural
 LED: 8, 12, 20, 60 or 120/m
 Cable length: 0.25 metre
 Power supply: 24v AC transformer see p 6
 Options: Resin filled for IP67
 10mm or 18.5 mm square section

Full Catalogue numbers

Full product numbers are made up as shown below. Please note that not all the alternatives shown are available for all products. If in doubt, check with the Crescent sales office.

Example: **CLF2930WLNLWHGF** is a white finished 2930 downlight with an unlened 2w Luxeon white LED and a frosted glass cover



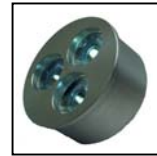
LED Sources – Power Supplies - Transformers



The Crescent LED module comprises four 5mm dia. high output LEDs on a small circuit board. It is shown here with an IP68 gland used on the Paver range.



The Luxeon star is seen here with the optional collimating lens. 1w 350mA & 2w 700mA versions are currently available. See note C.



The MR16 module is a compact light source containing three Luxeon 1w 350mA LEDs. These are fitted with a choice of 5,10,15 or 25° lenses.

LED Colour Chart

LED Type	White Colour (K)	Warm white Colour (K)	Blue Colour (nm)	Green Colour (nm)	Red Colour (nm)	Amber Colour (nm)	Power
Crescent Module	5500	N/A	470	525	660	589	0.6
Luxeon Star 350mA 1w	5500	3500	470	530	627	590	1.2
Luxeon Star III 700mA 2w	5500	N/A	470	530	627	590	2.4
MR16 LED Module	5500	3500	470	530	627	590	3.6

Power Supplies and Transformers

Part No	Description	Nom. input voltage	Output Wattage - V/A	Dimensions L W H in mm	IP rating	No. of LED's	Dimmable?	Used for:
CRE2777	Constant current driver	95 - 240v	350mA - 6/10w-dc	115x40x20	IP50	1 to 8	No	1w Luxeon & MR16
CRE2778	Constant current driver	195 - 265v	350mA - 3w-dc	72x50x25	IP64**	1 to 3	No	1w Luxeon & MR16
CRE2784	Constant current driver	95 - 240v	700mA - 6/10w-dc	115x40x20	IP50	1 to 4	No	2w Luxeon
CRE2801	Constant current driver	195 -265v	350mA - 36w (3 channels of 12w dc)	315x63x45	IP20	36	via DMX control	1w Luxeon & MR16
CRE2802/9	Constant current driver	195 -265v	350mA - 9w	110x55x25	IP20	4 to 9	Yes #	1w Luxeon & MR16
CRE2802/12	Constant current driver	195-265v	350mA - 12w	140x40x29	IP20	4 to 12	No	1w Luxeon & MR16
CRE2802/16	Constant current driver	95 - 240v	350mA - 2 x 8w	110x52x23	IP20	16	Yes +	1w Luxeon & MR16
ISO20	Wire-wound transformer	220-240v	24v 50Hz ac - 20VA	90x64 dia	IP20	40	Yes	Crescent Module
ISO50	Wire-wound transformer	220-240v	24v 50Hz ac - 50VA	90x64 dia	IP20	100	Yes	Crescent Module
CRE2292	Wire-wound transformer	220-240v	24v 50Hz ac - 15VA	120x120x55	IP65	30	Yes	Crescent Module
CRE2309	Wire-wound transformer	220-240v	24v 50Hz ac - 80VA	188x188x68	IP65	160	Yes	Crescent Module
CRE2332	Wire-wound transformer	220-240v	24v 50Hz ac - 120VA	188x188x68	IP65	240	Yes	Crescent Module

Note: ** Can be used outside but under cover. # Via a remote potentiometer. + 0-10v systems only.

Note:

A. All connections between the transformer/power supply and the fitting should be made using suitable connection devices, and in the case of exterior fittings the cables and joints kept dry.

B. All products are designed for operating temperatures of -10° to 40°C

C. The performance of the latest LEDs is improving all the time. All figures given here are correct at the time of going to print. Contact the Crescent technical office for the latest information.

Nobel Peace centre, Oslo. Architect: Adjaye Associates. Image courtesy Timothy Soar



Crescent are members of the Luxeon Lighting Network, Luxeon Certified Luminaire Manufacturers and use the Luxeon Star™ throughout the product range.

Crescent Lighting reserves the right to change the specification of products without prior notice.

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