



Retail Display LED lighting

7 component lighting system for display shelving

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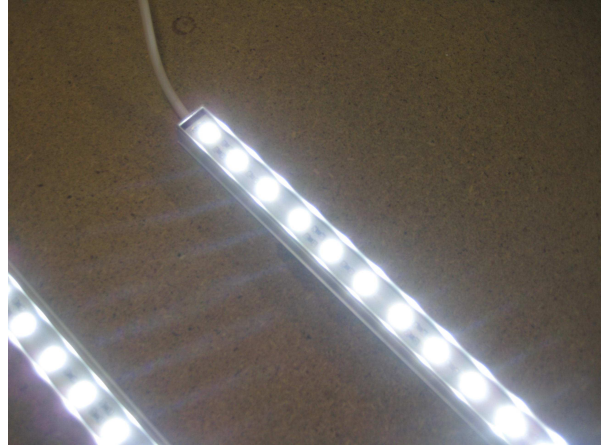
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SL Shelf Lighting

Description

Sign Lights offers a very simple clip together high brightness LED shelf lighting system. Ideal for under shelf lighting for in-store displays. Particularly useful beneath magazine shelves to illuminate the shelf below.

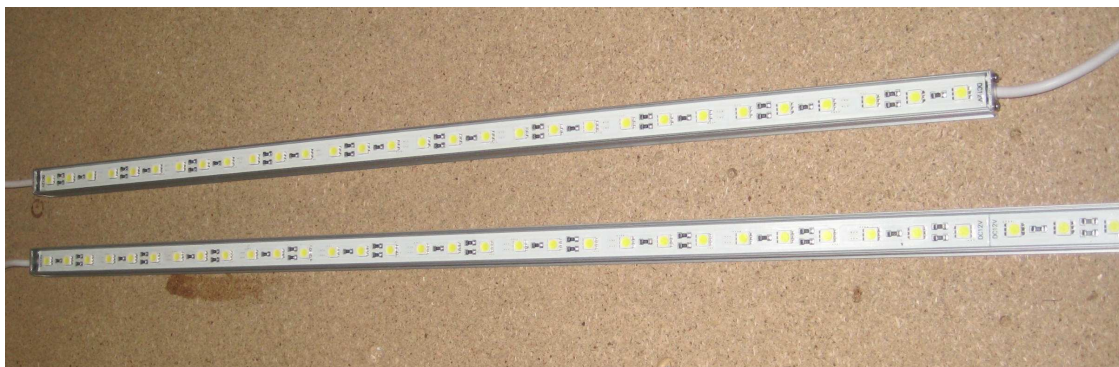
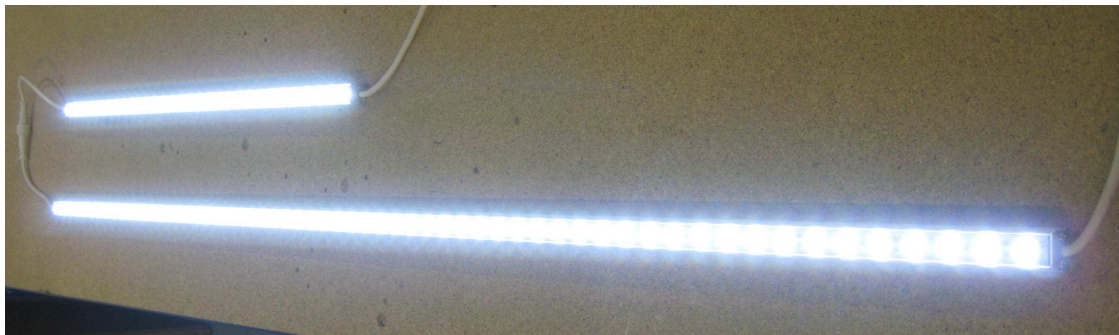
Just 7 components, 3 lights, 2 cables and 2 LED drivers, allow for the most flexible lighting layouts on display shelving. Safe low voltage LED lighting with 'plug-in and screw' connectors that are easy and safe to fit.



Components

Lights

Three sizes 500, 900 and 1000 mm. Each with a male connector at one end and a female connector at the other. The lights also have 2 metal clips to connect them to the support bracket (supplied by others).



Light output

SL-L500	420 lumens
SL-L900	756 lumens
SL-L1000	840 lumens

Power requirement

SL-L500	12 VDC /7.2 watts
SL-L900	12 VDC/13 watts
SL-L1000	12 VDC /14.4 watts

Drivers

SL-D15w	Constant voltage LED driver, 12 VDC at max 15w (all 3 lights individually)
SL-D40w	Constant voltage LED driver, 12 VDC at max 40w (combinations of all 3 lights) (CE, RoHS)

Cables

Connecting cables between driver and lights and linking cables between lights. Note the cable lengths can be altered to suit different shelving systems.

SL-C500	500 mm Cable for connection between lights, male/female connectors
SL-C1000	1000 mm Cable used from the driver to the first light, male connector/bare wires



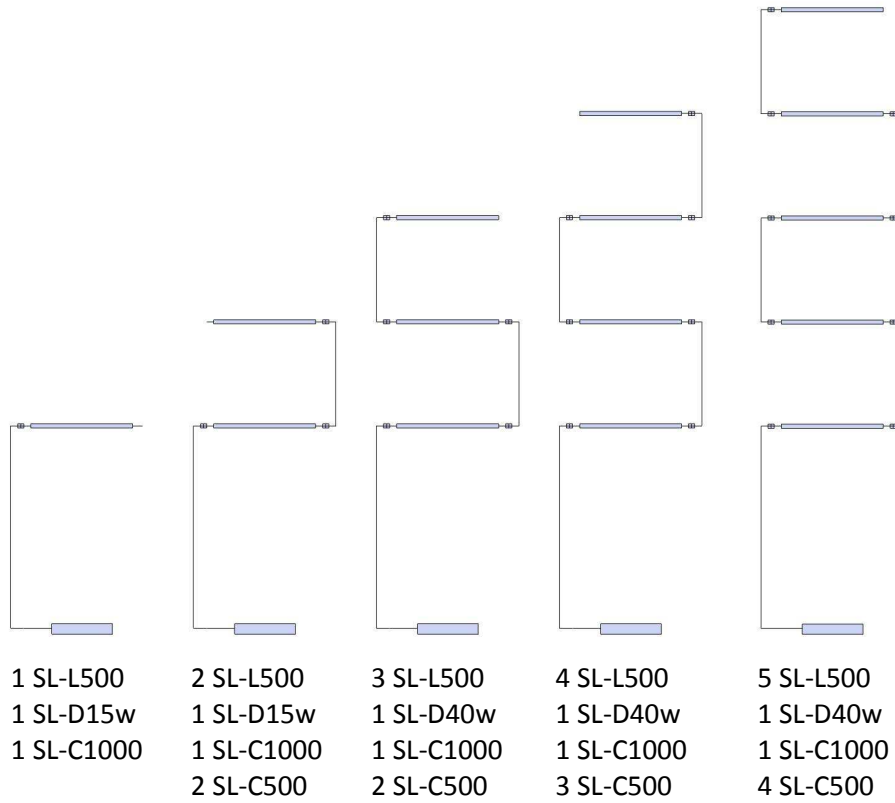
Light Clips

Each light comes complete with two screw mounted brackets. Fix the brackets to the shelves and the lights clip into place.

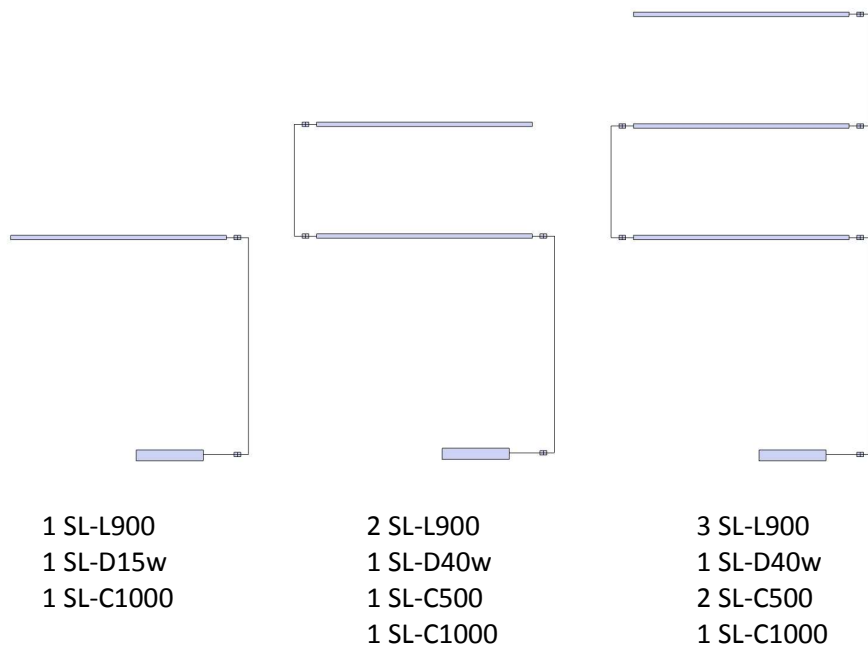
Layouts

Vertical Layouts

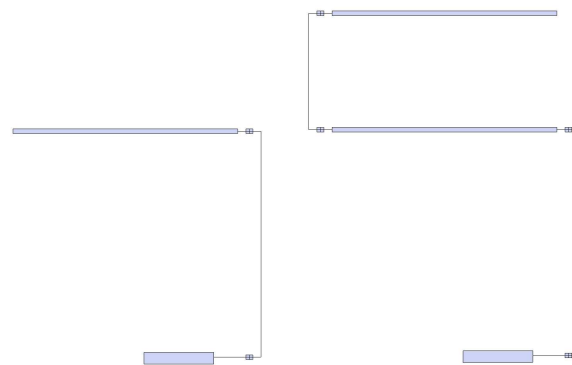
SL-L500 with up to 5 lights vertically.



SL-L900 with up to 3 lights vertically



SL-L1000 with up to 2 lights vertically.

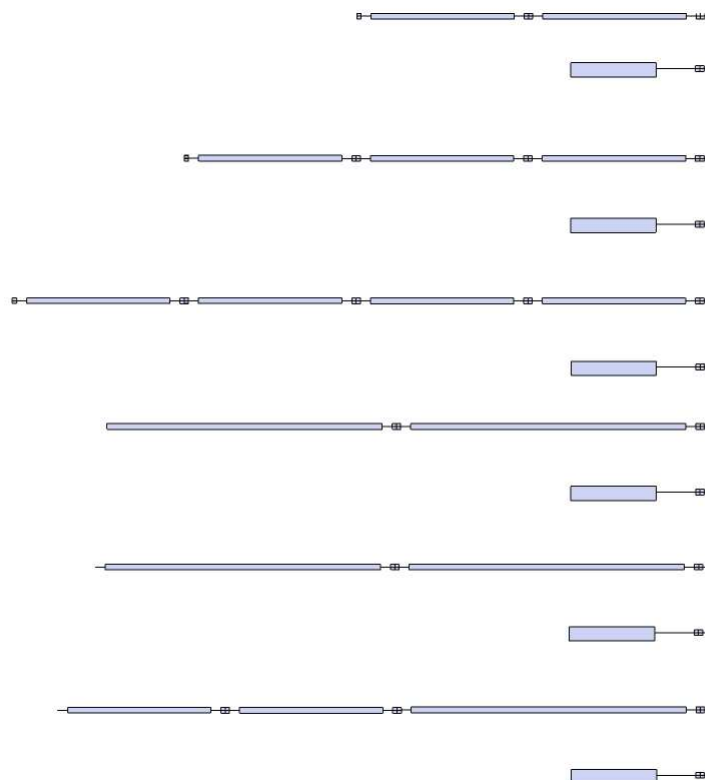


1 SL-L1000
1 SL-D40w
1 SL-C1000

2 SL-L1000
1 SL-D40w
1 SL-C500
1 SL-C1000

Horizontal layouts

It is also possible to make up horizontal layouts, connecting the lights together side-by-side between shelves. This reduces the number of cables needed as the lights connect together, using the 150 mm cables at each end. The maximum gap between light is 300 mm.



Mixed layouts

It is also possible to mix horizontal and vertical layouts using the connecting cables. Check the combined wattages against the driver size.

Components

Shelf lighting - components

Ref	Description	Length	Wh	Lumens
SL-L500	LED display light M/F connectors	500	7.2	420
SL-L900	LED display light M/F connectors	900	13	756
SL-L1000	LED display light M/F connectors	1000	14.4	840
SL-D15w	LED driver		15	
SL-D40w	LED driver		40	
SL-C500	Interconnecting cable between lights	500		
SL-C1000	Initial cable between driver and first light	1000		