



Sabre LED Display SHOWCASE LIGHTING SYSTEM

SABRE has joined forces with **TUBELIGHT LED^{PRO}** to create

“an unbeatable combination in showcase lighting systems...”

Why waste time and valuable space installing different luminaires into your showcases when one product can enhance your displays and increase sales?

- ☑ 50'000 hour Luxeon[®] LED Strips
- ☑ 50'000 hour Luxeon[®] LED Spotlights
- ☑ 30'000 hour 5W Triple High Power LED Spotlights



HLED19W.250.2S122.2.RF10.03

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Sabre LED Display

- offers high quality object and effect lighting.
- generates very low heat emissions and high luminance creating exceptional brilliance.
- is supplied complete with pre-wired control gear.
- offers long life in a linear light pattern.
- is manufactured and supplied in 3W, 6W & 9W 50'000 hour LED models and multiples thereof.
- can be supplied at heights to suit all showcases up to 1m tall.
- incorporate fixings to suit all surfaces and applications.
- wiring exits through centre of Base Fixings.
- can be supplied complete with up to 2 LED Spotlights mounted onto each tube extension.
- is available to fit into showcases from 355mm up to 1040mm in width.

Ordering Sabre HLED & VLED Display Luminaires

Model No	N° of LED Strips	LED's per Strip	LED Colour	Overall Height	Total N° of Spotlights	Spotlight Reference	Fixing	Finish
HLED or VLED	1	3	W - White WW - Warm White White R - Red G - Green B - Blue	< 1000	0	Spotlights with Integral LED S156W S156WW S156R S156G S156B Spotlights to accept LED Retrofit Lamps S112 - MR11 S122 - MR16	RF10 FF10 CP10	03 - Chrome 05 - Silver XXX - Special (RAL)
	2	6			1			
	3	9			2			
	4	3						
	5	4						
HLED	1	9	W	250	2	S152W	RF10	03

Example Order Code: **HLED19W.250.S122.2.RF10.03**

VLED	1	6	W					03
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Example Order Code: **VLED16W.03**

I. Sabre HLED Luminaires

Model	LED Strips	Overall Width	Overall Height
HLED13	1 x 3W	390mm	<1000mm
HLED23	2 x 3W	715mm	
HLED33	3 x 3W	1040mm	
HLED16	1 x 6W	390mm	<1000mm
HLED26	2 x 6W	715mm	
HLED36	3 x 6W	1040mm	
HLED19	1 x 9W	390mm	<1000mm
HLED29	2 x 9W	715mm	
HLED39	3 x 9W	1040mm	



Sabre HLED shown with Warm White Lamps

Sabre HLED shown with Cool White Lamps

Integral Single Colour Luxeon® LED Strips (*Integral*)

Luxeon LED Strips	LED's per Strip (325mm)	Colour Appearance	Max Power / Strip (W)	Rated Luminous Flux / LED (lm)
LLT3-W	3	White	3.60	45
LLT3-WW		Warm White	3.60	20
LLT3-R		Red	3.09	44
LLT3-G		Green	3.60	53
LLT3-B		Blue	3.60	220 mW
LLT6-W	6	White	6.18	45
LLT6-WW		Warm White	7.20	20
LLT6-R		Red	7.20	44
LLT6-G		Green	7.20	53
LLT6-B		Blue	7.20	220 mW
LLT9-W	9	White	9.27	45
LLT9-WW		Warm White	10.80	20
LLT9-R		Red	10.80	44
LLT9-G		Green	10.80	53
LLT9-B		Blue	10.80	220 mW



Sabre HLED & Luxeon Strip - White



Sabre HLED & Luxeon Strip - Warm White

III - Sabre Height Dimensions

100mm to 1000mm	Due to the bespoke nature of Sabre HLED products, Display Lighting Ltd will supply them to fit your showcases and counters perfectly. This dimension is the overall height of the Luminaire including the LED housing, leg extensions and base plates. We recommend that this dimension is approximately "10mm less than the internal height" of the unit. Wiring from the LED Strips passes through the leg extensions into the base of the unit for termination to drivers.
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IV - Sabre LED Display Spotlights

Spotlights with Integral Luxeon® LED's

Model No	LED Light Engine / Lamp	Power (W)	Colour Appearance	Life (hours) Typical	Cap	Input Voltage	Adjustability
S156W	Dedicated Luxeon LED (<i>integral</i>)	1.20W	White	50'000	n/a	350mA DC	Rotation 350° Adjustment 90°
S156WW		1.20W	White Warm				
S156R		1.03W	Red				
S156G		1.20W	Green				
S156B		1.20W	Blue				



S156WW



S156W

Spotlights for MR11 and MR16 LED or Halogen Lamps

Model No	Cap	Lamps (not included)	Rotation	Tilt
S112	GU4	MR11 Halogen	350°	90°
		MR11 High Power LED		
S122	GU5.3	MR16 Halogen	350°	90°
		MR16 High Power LED		

V - Number of Spotlights

0, 1, 2, 3 or 4

Display Lighting Ltd will manufacture and supply each leg extension complete with up to two spotlights to further enhance and highlight particular objects. During manufacture, Display Lighting will mount the spotlights on to the leg extensions at equal heights unless otherwise specified. When selecting this item please specify the total quantity of spotlights required, i.e. if you prefer to have 1 spotlight on each leg, specify "2".

VI - Sabre Display HLED Fixings

Model No	Description	Fixing Method	Dimensions (Diameter)
RF10	Rear Fix Base	Drill 11mm Hole - M10 x 50mm Thread with Nut & Washer	22mm
FF10	Face Fix Base	Drill 7mm Hole - Surface Mounting with Hidden Fixing	30mm
CP10	Ceiling Plate	Surface Mounting, Hidden Fixing	54mm



RF10



FF10



CP10

VII - Finish

03	Chrome
06	Silver
XXX	Special powder coated finishes to match corporate colours etc... specify RAL Powder Coating reference

Lamps

Model No	Power (W)	Diameter	Colour Appearance	Life (hours) Typical	Cap	Input Voltage	Control Gear
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MR11 & MR16 Halogen

MR11-10-38	10W	35mm	Warm White	4000h	GU4	12V AC	B
MR11-20-38	20W						
MR11-35-38	35W						
MR16-20-38	20W	50mm	Warm White	4000h	GU5.3	12V AC	B
MR16-35-38	35W						

MR11 & MR16 High Power LED

Comply with Part L1a Building Regulations - Conservation of Fuel & Power

MR11-1-LED/W	1W	35mm	White	30'000h	GU4	12V AC* or 12V DC	B* or C
MR11-1-LED/WW			Warm White				
MR16-5-LED/MKVII	5W	50mm	White	30'000h	GU5.3	12V AC* or 12V DC	B* or C
MR16-5-LED/R	5W		Red				
MR16-5-LED/G	5W		Green				
MR16-5-LED/G	5W		Blue				
MR16-4-LED/MKV	4W		Warm White				

* - Operating on AC supply will reduce the life of the lamps by approximately half



MR16-5-LED/MKVII - White



MR16-4-LED/MKV - Warm White