

Fiber Optic Showcase LightBar System

Innovative lighting for retail, museums and exhibitions

- Adds that important 'sparkle' to jewelry, watches and glass
- Heat-free illumination
- Contains less ultraviolet light so does not fade materials
- Very even shadow-free illumination
- Ideal close up lighting
- Very unobtrusive
- Any orientation application



LightBar fitted to the side of a horizontal display case

SCHOTT Fiber Optics LightBar System is ideal for display and showcases in the retail, museum and exhibition markets. Consisting of a fiber optic LightBar and light source, the system offers many advantages over conventional lighting.

As the LightBar produces points of light in multiple rows along its length it gives bright and even illumination over the entire area of the display case, virtually eliminating visible shadows. The numerous points of light produce an extra 'sparkle' to merchandise such as jewelry, watches and cut glass.

As fiber optic lighting transmits virtually no heat and ultraviolet light the display area remains unaffected by these components. Consequently, the LightBar System can be used in close proximity to display materials that might suffer damage when exposed to conventional lighting.

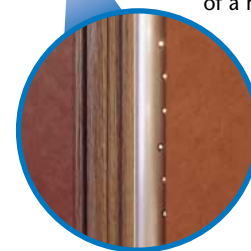
SCHOTT retail light sources have been specifically designed to be installed in the base of a display case and incorporates many features to reflect this, such as changing the lamp without having to move the light source at all.

ORDERING INFORMATION

Standard and made-to-order systems are available, see information overleaf.



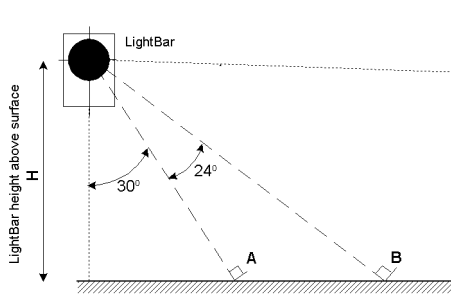
LightBars in the sides of a recessed showcase



SCHOTT
glass made of ideas

System Specification

LightBar		
Length	mm	200 to 1600 mm (round connector) 200 to 1300 mm (square connector)
Diameter	mm	35
Pitch of points of light	mm	21
Color		matt black or matt silver
Integral harness		integral size 2 harness, 500 - 2000 mm long, with S30 common end
Orientation of connector		left or right
Light source		
Any SCHOTT light source with S30 common end boss or S30 compatible light source		



Measurements are made at middle of LightBar.

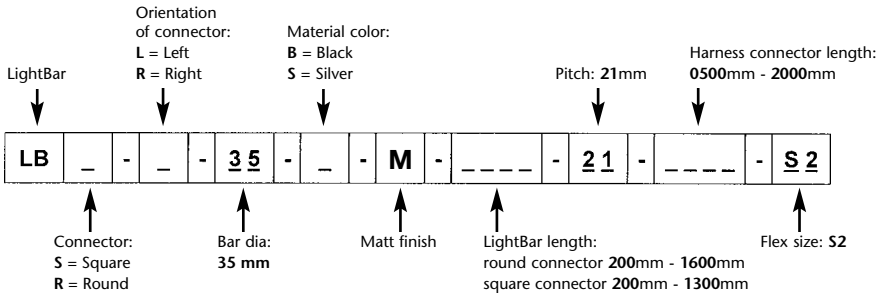
Height mm	Light Level lux 100W, 1000mm LightBar	
	A	B
H	A	B
150	1300	1670
200	1100	1240
250	850	1050
300	740	860
350	690	740
400	600	630
450	550	570
500	530	490
750	340	260
1000	210	150

Lamp/Light source	Light level (Lux) factor relative to a 100W, 1000mm LightBar		
	Bar length mm		
	500	1000	1500
50W /SpectraGen 100LH	0.19	0.22	0.21
71W /SpectraGen 100LH	0.45	0.39	0.34
100W /SpectraGen 100LH	1.38	1.00	0.75
35W /SpectraNova 35SE	0.8	0.7	0.6
70W /SpectraNova 70SE	1.2	1.2	1.1
150W /SpectraNova 150SE	2.7	2.5	2.4

Example: The lux level for a 450mm high LightBar is 550 lux at position A. The LightBar is 500mm long and uses a 50W lamp, the light level factor is 0.19 and the actual lux output at A is 550 x 0.19 = 104.5 lux

LightBar ordering information

When ordering LightBars define the order code by filling in the spaces using the codes below.



Should you require further information please contact your local SCHOTT distributor.

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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

