

# SCHOTT Showcase LightBar System

Innovative fiber optic lighting for retail stores, museums, and other displays

SCHOTT designed its Showcase LightBars to provide beautiful illumination for a wide variety of display environments. Perfect for retail cases, museums, exhibits, and other displays, Showcase LightBars:

- Add an all-important “sparkle” to jewelry, watches, and cut glass items
- Provide heat-free illumination
- Contain less ultraviolet light, to protect materials from fading
- Offer extremely even, shadow-free lighting
- Are ideal for close-up lighting
- Feature a slender, unobtrusive design
- Are ideal for any orientation

As Showcase LightBars produce multiple points of light in two rows, all along their length, they provide bright, even illumination over the entire display case—virtually eliminating shadows. The many points of light add an extra “sparkle” to the displayed objects—making this system ideal for showcasing diamonds, crystal, and china.

Because fiber-optic lighting generates virtually no heat or ultraviolet light, display contents remain unaffected by these elements. SCHOTT’s Showcase LightBar system can be used in extremely close proximity to displayed objects—which might be damaged by such close exposure to conventional lights.

Showcase LightBar systems from SCHOTT were specifically designed for installation in the base of display cases. They incorporate many user-friendly features, including the ability to perform all maintenance tasks outside the display area.

## ORDERING INFORMATION

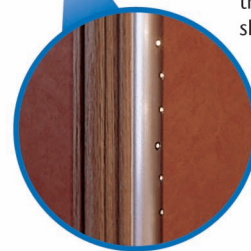
Standard and made-to-order systems are available; see reverse.



Showcase LightBar fitted to the side of a horizontal display case



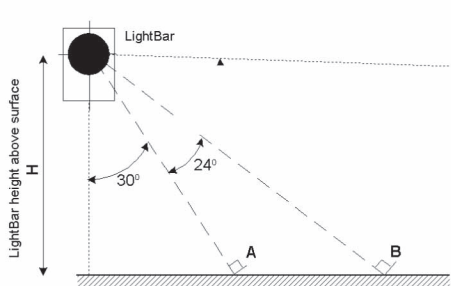
Showcase LightBars in the sides of a recessed showcase



**SCHOTT**  
glass made of ideas

# System Specifications

Showcase LightBar		
Length	mm (in)	200 to 1600 mm (7.87-63) (round connector) 200 to 1300 mm (7.87-51.18) (square connector)
Diameter	mm (in)	35 (1.38)
Pitch of light points	mm (in)	21 (0.83)
Color		Matte Black or Matte Silver
Integral harness		Integral Size 2 harness, 500 - 2000 mm (19.68-78.74) 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 from the middle of LightBar.

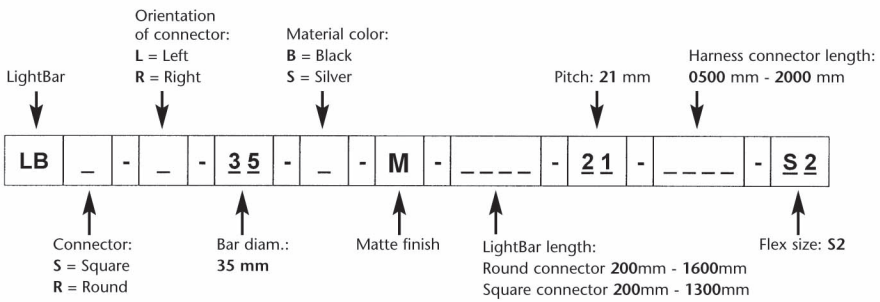
Height mm (in)	Light level (lux) 100W, 1000 mm (39.37") LightBar	
	A	B
150 (5.91)	1300	1670
200 (7.87)	1100	1240
250 (9.84)	850	1050
300 (11.81)	740	860
350 (13.78)	690	740
400 (15.75)	600	630
450 (17.72)	550	570
500 (19.68)	530	490
750 (29.53)	340	260
1000 (39.37)	210	150

Lamp/Light source	Light level (lux) factor relative to a 100W, 1000 mm (39.37") LightBar		
	Bar length mm (in)		
	500 (19.68)	1000 (39.37)	1500 (59.06)
50W /SpectraGen™ 100SLH	0.19	0.22	0.21
71W /SpectraGen 100SLH	0.45	0.39	0.34
100W /SpectraGen 100SLH	1.38	1.00	0.75
70W /SpectraNova™ 70SEF	1.2	1.2	1.1
150W /SpectraNova 150SEF	2.7	2.5	2.4

Example: The lux level for a 1000 mm LightBar at a height of 450 mm with a 100W lamp is 550 lux at position A. The output for a SpectraNova 150SEF light source with the same specifications is  $2.5 \times 550 = 1375$  lux.

## LightBar Ordering Information

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



For further information, please contact your local SCHOTT sales office.

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In a continuing effort to offer the best product possible, SCHOTT reserves the right to change, without notice, specifications or materials that—in SCHOTT's opinion—will not alter the function of the product.

