

SCHOTT LED SpectraEngine 3000, 4300 & SpectraWand

LED and fiberoptic system for high end Retail and Museum lighting

SpectraEngine LED lightsource to illuminate **SpectraWand** glass fiber rods integrated into glass show cases

- § Attractive design: the LED lightsource is installed in the showcase interior so that only a small shoulder and the glass rod are visible
- § Low energy consumption at high light output : a single 3 Watt LED is used to generate a lot of light in the shape of a spot
- § Dimmable 0 – 100% to control the level of spot illumination on the object
- § Long lifetime: this glass fiber and LED combination is very durable and, once installed, will last many years in museums and shops
- § Made of stainless steel, available in two colors: silver, black
- § ROHS conform, WEEE-Reg.-No.DE 14542729

SpectraWand – decorative and functional fiberoptic fitting

- § A bent glass fiber rod that generates a defined or diffuse spot light
- § Illumination with LED SpectraEngine or FO SpectraFlex harnesses
- § The fiber rod is very slim: it does not take away attention from the illuminated object but adds a functional design element to the showcase
- § The light travels through the glass into the showcase, and depending on the color of the rod - transparent, black, or amber - an attractive illumination effect can be seen on the glass itself
- § Various lengths and bending angles available



Specifications

	Unit	SpectraEngine 3000	SpectraEngine 4300
Axial illuminance at 300 mm distance with polished SpectraWand, for defined spot (typical)	lux (ftcd)	> 400 (36)	> 440 (38)
Axial Illuminance at 300 mm distance with matt SpectraWand for diffuse spot (typical)	lux (ftcd)	> 300 (27)	> 320 (28)
Power consumption (typical)	W	3	3
Color temperature	K	3050 +/- 150	4250 +/- 250
Color Rendering Index (CRI)		80	75
Min. luminous flux per LED	lm	100	110
Full viewing angle through SpectraWand (typical)	°	50	
Lifetime (1)	h	50,000	
Max. Voltage, dimmable 0 – 100%	V	5	
Operating temperature	°C (°F)	-40 (-40)...+40 (105)	
Certification		CE (EN 60598)	

Luminaires are supplied with an 1,5 m (60") interconnecting cable
1 when used in accordance with the user manual

SCHOTT
glass made of ideas

SpectraEngine		Order No.	
	Color	SpectraEngine 3000	SpectraEngine 4300
SpectraEngine	silver	1213119	1213117
	black	1213118	1213116

Accessories	Order No.
Controller/Dimmer	1156322
Power Supply	1156048
Set of plugs EU, UK, USA	1156047

SpectraEngine Set * - ready to plug in including controller, power supply and plug			
Set (CE certified)	Color	Order No. Set SpectraEngine 3000	Order No. Set SpectraEngine 4300
SpectraEngine	silver	1216602	1216603
	black	1216600	1216604

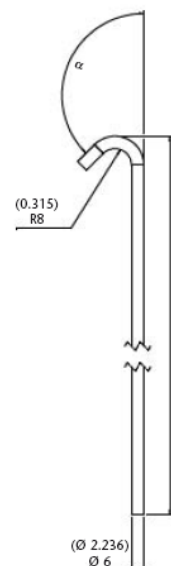
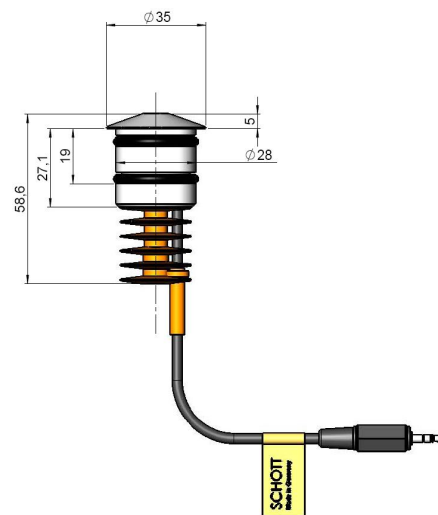
* Set includes controller, power supply and set of plugs

SpectraWand glass fiber rod			
Color	Height mm (in)	Downward Angle (°)	Ø mm (in)
transparent	100 (3.94) – 350 (13.58)	105° / 120° / 135°	6 (0.24)
amber	100 (3.94) – 350 (13.58)	105° / 120° / 135°	6 (0.24)
black	100 (3.94) – 350 (13.58)	105° / 120° / 135°	6 (0.24)

All versions are available with polished or matt light outlet

SpectraWand Accessories		
fiberoptic connector	silver	1198067
	black	1198068

Adapter to connect a fiber optic harness to the SpectraWand fitting, fiber optic harness not included, to be ordered separately, recommended cable LKS size 24 with F ferrule (see datasheet SpectraFlex harness).



Please choose, configure and order over your SpectraEngine & SpectraWand over E-Commerce, Schott's online order and service portal, or contact your local sales office: www.schott.com/lightingimaging

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

For further information please contact your local sales office:

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