

SCHOTT SpectraGen 100™ Light Source

Innovative internal halogen light source

The SpectraGen 100SLH light source from SCHOTT offers a wide range of high-quality product features, including:

- Compact design
- Quick, easy, and tool-less lamp change
- Perfect color rendering
- Flexibility to operate with lamps from 35W to 100W
- Low-noise, fan-assisted cooling
- UL-listed
- Convenient design that allows fiber optics and power connection to remain undisturbed during lamp replacement
- ROHS conform. WEEE-Reg.-No. DE 14542729

SpectraGen 100 SLH is an innovative general-purpose illuminator for use with SCHOTT glass fiber harnesses with standard Ø 30 mm common ends. Tungsten halogen lamps ranging from 35 W to 100 W can be used. The lamp holder can be adjusted to the focal length of each lamp for optimal performance.

A low-noise fan blows air through the unit to keep it cool.

Ordering information

Please order light source, lamp, and transformer with lead separately.



SpectraGen 100 SLH Light Source 1113975
Light source for SCHOTT glass fiber harnesses for use with 12 V power supply
spare plug included for connection to 12 V supply, if not used with SCHOTT transformer
Transformer, lamp, and mains lead not included

Transformer Assembly 100 SLH EU 1113978
Supplies 220 – 240 V to 12 V (nom.)/35 –105 W, 50/60 Hz
with 1 m lead to light source input plug, and 2 m SCHUKO mains lead
Dimmable version 1121057

Transformer Assembly 100 SLH UK 1134312
Supplies 220 – 240 V to 12 V (nom.)/35 –105 W, 50/60 Hz
with 1 m lead to light source input plug, and 2 m UK mains lead
Dimmable version 1121058

Transformer Assembly 100 SLH USA 1113976
Supplies 100 –125 V to 12 V (nom.)/50 –105 W, 60 Hz with 1 m lead to
light source input plug, and 2 m US mains lead
UL certification achieved for SpectraGen 100 SLH and transformer



Lamps

Lamp 100 W	563152377
Lamp 71 W	563152369
Lamp 50 W	563152352
Lamp 35 W	1009585

Accessories

Heat filter KG1	562441055
Replacement glass shield	6002480
Yellow filter	1009439
Red filter	1009436
Green filter	1014983
Orange filter	1039690
Blue filter	100428

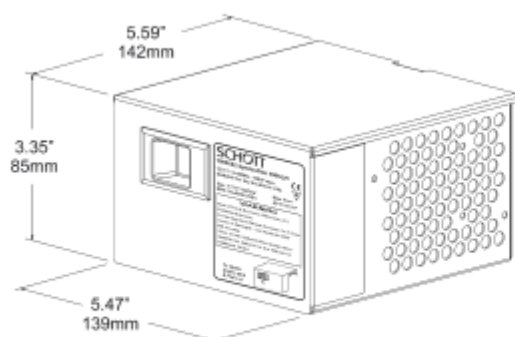
Please note: specifications subject to change without prior notice.

Please choose and order your SpectraGen 100 lightsource over E-Commerce, Schott's online order and service portal, or contact your local sales office:
www.schott.com/lightingimaging

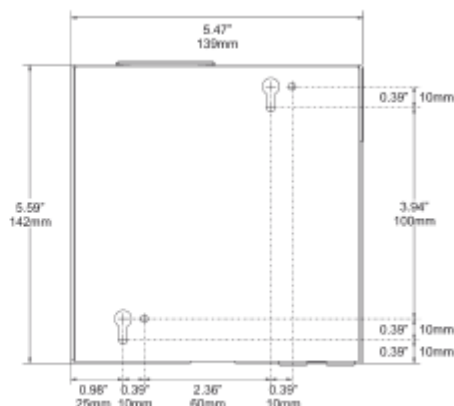
SCHOTT
glass made of ideas

Specifications

	Units				
Power of lamp	W	35	50	71	100
Color temperature of lamp	K	3020	3050	3050	3000
Color rendering	Ra	100			
Lightflux through aperture 10/25 mm in recom. oper. distance (typical)	lm	120/460	140/500	170/600	460/1240
Service life of lamp (typical)	h	5000	3000	4000	1500
Lamp socket		GU 5.35	GU 5.35	GZ 6.35	GZ 6.35
Power supply		internal transformer (not included)			
Supply voltage	V	12			
Supply frequency	Hz	DC to 400			
Power consumption	W	37	50	71	100
Fuse		none			
Thermal protection		automatic reset			
Cooling		Low speed axial fan 12 dB (A)			
Certification		CE (EN 60598-1), UL (UL153, file no. E 211291)			
Operating temperature	°C (°F)	< + 45 (+113)			
Glass shield/shutter		borosilicate glass shield			
Dimensions (W x H x D)	mm (in)	139 x 85 x 142 (5.47 x 3.35 x 5.59)			
Weight	kg (lbs)	< 1.0 (2.2)			
Harness connector	mm	30 standard harness			
Environment		dry locations only			
Filter holder size	mm (in)	45 x 45 x 4.5 (1.8 x 1.8 x 1.8)			



TMSpectraGen is a trademark of SCHOTT AG.



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.

For further information please contact your local sales office:

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