

SCHOTT SpectraGen 50™ Light Source

A family of high-quality internal halogen illuminators

The SpectraGen light source from SCHOTT is a versatile illuminator that provides the following benefits:

- Robust construction featuring a 50W tungsten halogen lamp
- Fan-assisted cooling
- Ideal for decorative applications
- Remote switching options for the lamp
- Designed for dry locations
- ROHS conform. WEEE-Reg.-No. DE 14542729

SpectraGen 50H is a white-light light source. It can produce a single fixed color of light with the addition of a 45 x 45 mm fixed effect filter.

SpectraGen 50CH features a motor drive. When used with an effect filter the color of light changes continuously, based on the pattern of the effect wheel.

If desired, the effect wheel can be removed and a fixed effect filter may be used.

SpectraGen 50CHR features a motor drive as well as a remote switch input that turns the lamp on and off via an isolated circuit – e. g., a push-button switch or a pressure mat. The unit's motor rotates continuously and independently of the remote control switch input.



Ordering Information	
SpectraGen 50H Light source for pure white light European Lead, 230 V, 50 Hz UK Lead, 230 V, 50 Hz	50H 1067550 1067507
SpectraGen 50CH Light source for effect or color wheel, with motor drive European Lead, 230 V, 50 Hz UK Lead, 230 V, 50 Hz USA Lead, 120 V, 50 – 60 Hz	50CH 1067551 1067508 1134490
SpectraGen 50CHR Light source for effect or color wheel, with motor drive and remote switch input for the lamp European Lead, 230 V, 50 Hz UK Lead, 230 V, 50 Hz	50CHR 1067552 1067509

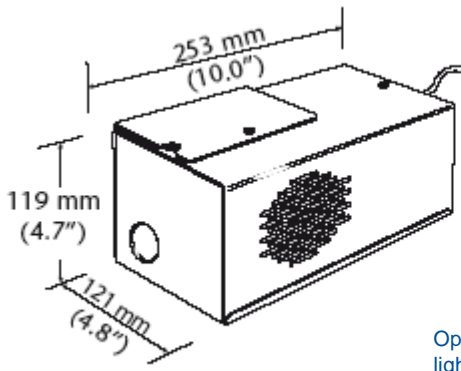
Accessories	
Yellow filter	1009439
Red filter	1009436
Green filter	1014983
Orange filter	1039690
Blue filter	1009428
Remote switch	1039363
Replacement lamp 12V 50W GE20867	563152352
Effect wheels	
5 segment color with blue/white twinkle effect wheel	1009350
5 segment color effect wheel	6005401
Clear effect wheel	1009352
Blue/white twinkle effect wheel	1014958
Black/white twinkle effect wheel	6004139
Multicolor twinkle effect wheel	1009353

Please choose and order your SpectraGen 50 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	50H	50CH	50CH USA	50CHR
Power of lamp	W			50	
Color temperature of lamp	K			3100	
Color rendering	Ra			100	
Lightflux through aperture 10/25 mm in recom. open	lm			140/500	
Service life of lamp (typical)	h			6000	
Lamp socket				GX 5.3	
Power supply			internal wound transformer		
Supply voltage	V	220-240	220-240	110-120	220-240
Supply frequency	Hz	50	50	60	50
Power consumption	W		60 W running		
Fuse			2 off 20 x 5 mm T3.15 L250 V		
Thermal protection			automatic reset		
Cooling			axial fan 29.3 db (A)		
Certification			CE (EN 60598-1)		
Operating temperature	°C (°F)		< + 40 (< + 104)		
Glass shield/shutter			borosilicate glass shield		
Dimensions (W x H x D)	mm (in)		121 x 119 x 253 (4.8 x 4.7 x 10.0)		
Weight	kg (lbs)	1.25 (2.75)	1.3 (2.9)	1.3 (2.9)	1.3 (2.9)
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)		
Effect wheel rotation		no	2.5 rpm	2.5 rpm	2.5 rpm
Effect wheel diameter	mm (in)	-	95 (3.7)	95 (3.7)	95 (3.7)
Lamp remote control input socket		no	no	no	yes
50CHR version only:					
Remote plug type			¼ mono jack socket		
Remote input open			Nominal 12V DC, max 17V DC circuit voltage		
Remote input short			50mA circuit current		
IP			20		

™SpectraGen is a trademark of SCHOTT AG



Optional remote switch for on/off control of the light source lamp, available for SpectraGen 50CHR.

For further information please contact your local sales office:

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