

SCHOTT SpectraNova™ Light Sources

Excellent color rendering and high-intensity light output for display cases

SCHOTT designed its family of SpectraNova light sources to meet a wide range of display case lighting needs – and to provide these benefits:

- Compact, innovative design
- Low power consumption
- Very low noise
- Low maintenance
- Quick, easy and tool-less lamp change
- 70 W and 150 W models with outstanding color rendering (SEF and SES models)
- ROHS conform. WEEE-Reg.-No. DE 14542729



Ordering Information

Please order light source, lamp and mains lead as separate items

SpectraNova 70SEF Light source for standard harnesses with a glass shield	1113135
SpectraNova 70SES Light source for standard harnesses with a shutter	1113136
SpectraNova 150SEF Light source for standard harnesses with a glass shield	1113137
SpectraNova 150SES Light source for SpectraFlex®-Excel harnesses with a shutter	1113138

Accessories

SpectraNova lamp 70SEF/SES (3000K)	6007196
SpectraNova lamp 70SEF/SES (4200K)	6005409
SpectraNova lamp 150SEF/SES (3000K)	6004177
SpectraNova lamp 150SEF/SES (4200K)	6004176
Installation bracket (pair)	1019801
Mains lead EU 2 m (6 ft) IEC-type with molded Schuko plug	6005444
Mains lead UK 2 m (6 ft) IEC-type with molded UK plug	6005445
Mains lead USA 2 m (6 ft) IEC-type with molded US plug	6005446
Mains lead Japan 2 m (6 ft) IEC-type with Japan plug	6061690

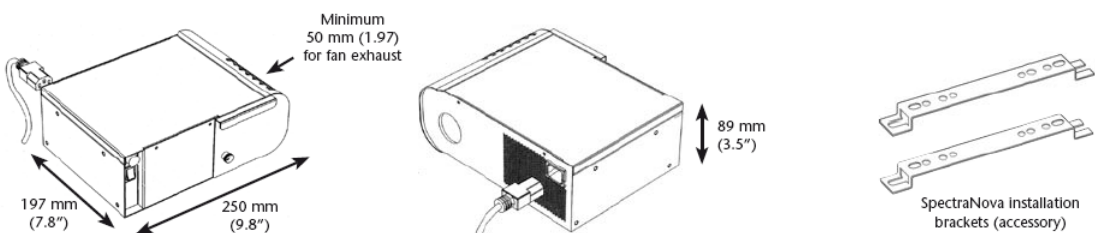
Please choose and order your SpectraNova lightsource over E-Commerce, Schott's online order and service portal, or contact your local sales office: www.schott.com/lightingimaging

Specifications

	Units	70SEF	70SES	150SEF	150SES
Power of lamp	W	70	70	150	150
Color temperature of lamp	K	3000/4200	3000/4200	3000/4200	3000/4200
Color rendering	Ra	83/92	83/92	85/96	85/96
Lightflux through aperture 10/25 mm in recom. oper. distance (typical)	lm	510/1670 400/1610	640/2060 470/1790	640/2550 1000/3370	790/3140 1220/4110
Service life of lamp (typical)	h	12,000	12,000	12,000/6000	12,000/6000
Lamp socket		G12	G12	G12	G12
Power supply		Internal electronic ballast			
Supply voltage	V	85-265			
Supply frequency	Hz	45-65			
Power consumption	W	78	78	170	170
Fuse		20 x 5 mm T4.0 L250 V			
Thermal protection		Automatic reset			
Cooling		Low-speed axial fan, 12dB (A)			
certification		CE (EN 60598-1), UL (153, file no. E 211291), DENAN			
Operating temperature	°C/°F	<+50 (+122)			
Glass shield/shutter		SEF models have KG1 heat filter/shield, SES models have metal shutterKG 1 heat filter/shield			
Dimensions (W x H x D)	mm (in)	250 x 89 x 220 (9.8 x 3.5 x 8.7)		250 x 89 x 197 (9.8 x 3.5 x 7.8)	
Weight	kg (lb)	2.7 (5.9)			
Harness connector	mm	SEF – 30 standard harness, SES – 30 Excel harness			
Environment		Dry locations only			
IP		30			

™SpectraNova is a trademark of SCHOTT AG.

SpectraNova BE models



For further information please contact your local sales office:

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 glass made of ideas

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.