

Britespot ES111 / ESD111

SA BRITESPOT ESD111 70W 24°

0020207



Range Features

- Attractively styled lamp adds a touch of class to lighting designs
- Very high efficiency thanks to the large reflector and patented anti-glare optics
- Crisp, powerful white light with outstanding colour rendering index of Ra90
- Extremely high intensity possible with narrow beam versions, ideal for accent lighting
- Easy to install due to the robust new GX10 twist and lock cap
- Operation on compatible electronic gear according to IEC61167
- Wide range of interior applications in shops, restaurants, hotels, galleries and many other cultural and leisure venues



PRODUCT OVERVIEW

Lamp finish	Dichroic
Lamp shape	reflector
Colour temperature (K)	3000
CRI (Ra)	90
Dimmable	No
EAN code	5410288202075
Energy class	A
Cap/Base	GX10
Beam angle(°)	8
Type	BriteSpot ESD111
Watt (Nominal) (W)	70
Light colour	830 White Delux
Ordering number	0020207
Efficacy (Rated) (lm/w)	51
Average life (Rated) (h)	6000
Luminous flux (Rated) (lm)	3850
Technology	HID
Voltage (V)	100

DATA TABLE

Optical data

Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	3000

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CRI (Ra)	90
Beam angle(°)	8
Light colour	830 White Delux
Luminous flux (Nominal) (lm)	3850
Peak intensity (cd)	40000
Rated lumen maint. factor at 2000 h 50Hz	0.81
Rated lumen maint. factor at 4000 h 50Hz	0.61
Rated lumen maint. factor at 6000 h 50Hz	0.36
Rated lumen maint. factor at 8000 h 50Hz	-
Luminous flux (Rated) (lm)	3850
Beam angle (Rated) (°)	24

General data

Average life (Nominal) (h)	6000
Control gear required	yes
Lamp finish	Dichroic
Lamp shape	reflector
Dimmable	No
EAN code	5410288202075
Energy class	A
Fixture rating	open
General application	Retail; Hospitality; Logistics and Industry; Museums; Education; Office
IEC Reference	IEC 62035
Intended purpose	General lighting
Cap/Base	GX10
Lamp mercury content (mg)	3.5
Type	BriteSpot ESD111
Life T90	3800
Ordering number	0020207
Range features	<p>Attractively styled lamp adds a touch of class to lighting designs</p> <p>Very high efficiency thanks to the large reflector and patented anti-glare optics</p> <p>Crisp, powerful white light with outstanding colour rendering index of Ra90</p> <p>Extremely high intensity possible with narrow beam versions, ideal for accent lighting</p> <p>Easy to install due to the robust new GX10 twist and lock cap</p> <p>Operation on compatible electronic gear according to IEC61167</p> <p>Wide range of interior applications in shops, restaurants, hotels, galleries and many other cultural and leisure venues</p>
Product name	SA BRITESPOT ESD111 70W 24°

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Average life (Rated) (h)	6000
Rated survival factor at 12000 h 50Hz	-
Rated survival factor at 16000 h 50Hz	-
Rated survival factor at 20000 h 50Hz	-
Rated survival factor at 2000 h 50Hz	0.99
Rated survival factor at 4000 h 50Hz	0.88
Rated survival factor at 6000 h 50Hz	0.5
Rated survival factor at 8000 h 50Hz	-
Special purpose lamp	No
Starting time (max) (s)	<1s
Technology	HID
Transformer required	no
Sales pack quantity	15
Warm-up time to 60% of full light (max) (s)	35s
E-number SE	8359216
E-number FI	4844796

Electrical data

Current (A)	0.98
Ignition voltage (V)	0
kWh per 1000 hours burning time	83
Watt (Nominal) (W)	70
Efficacy (Rated) (lm/w)	51
Watt (Rated) (W)	75
Watt (Rated) - High frequency (W)	75
Voltage (V)	100

Physical data

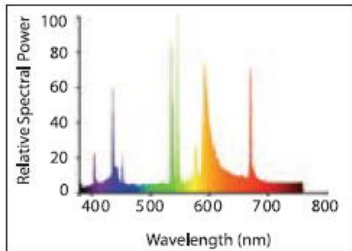
Max. Lamp Diameter (mm) - D	111
Lamp Length (mm) - C/L	75
Single packaging type	Box/Sleeve
Weight (kg)	0.19
Outer package dimensions (L x W x H) (cm)	47.00 x 29.00 x 13.00
Single package dimensions (L x W x H) (cm)	10.50 x 9.00 x 9.00

PHOTOMETRY

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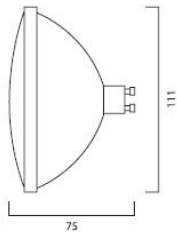
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Metal Halide BriteSpot / WDL

TECHNICAL DRAWINGS



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