

# PRODUCT FAMILY DATASHEET

## HALOSPOT 111 PRO

Halogen spot lamps with 111 mm aluminum reflector



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### AREAS OF APPLICATION

- General illumination
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

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### PRODUCT BENEFITS

- Brilliant accent lighting
- Significantly lower CO<sub>2</sub> emissions compared to standard version
- Cap for reduced glare and ease of handling
- New high-tech reflector for optimum illumination and reduced scatter
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Drastically reduced thermal load in luminaire thanks to aluminum-coated reflector
- Contains no mercury

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### PRODUCT FEATURES

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R<sub>a</sub>: 100
- Diameter: 111 mm
- IRC technology

TECHNICAL DATA

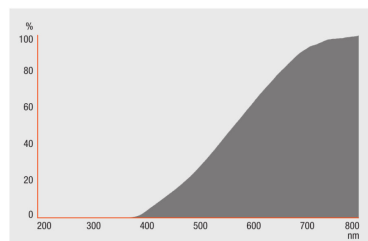
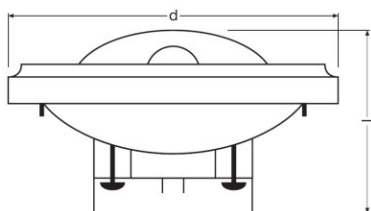
Product description	Electrical data				Photometrical data						
	Nominal wattage	Nominal voltage	Rated wattage	Power factor $\lambda$	Color temperature	Light color (designation)	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Color temperature	Luminous flux	Color rendering index Ra
HALOSPOT 111 PRO 35 W 12 V 6° G53 <sup>1)</sup>	35.00 W	12 V	35.00 W	1.00	2900 K	Warm White	100	0.75	2900 K	440 lm	100
HALOSPOT 111 PRO 35 W 12 V 24° G53 <sup>1)</sup>	35.00 W	12 V	35.00 W	1.00	2900 K	Warm White	100	0.75	2900 K	440 lm	100
HALOSPOT 111 PRO 50 W 12 V 6° G53 <sup>1)</sup>	50.00 W	12 V	50.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	650 lm	100
HALOSPOT 111 PRO 50 W 12 V 24° G53 <sup>1)</sup>	50.00 W	12 V	50.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	650 lm	100
HALOSPOT 111 PRO 50 W 12 V 40° G53 <sup>1)</sup>	50.00 W	12 V	50.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	650 lm	100
HALOSPOT 111 PRO 60 W 12 V 6° G53 <sup>1)</sup>	60.00 W	12.0 V	60.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	870 lm	100
HALOSPOT 111 PRO 60 W 12 V 24° G53 <sup>1)</sup>	60.00 W	12.0 V	60.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	870 lm	100
HALOSPOT 111 PRO 60 W 12 V 40° G53 <sup>1)</sup>	60.00 W	12.0 V	60.00 W	1.00	3000 K	Warm White	100	0.75	3000 K	870 lm	100

Product description	Light technical data			Dimensions & weight	Lifespan			Additional product data		
	Beam angle	Starting time	Warm-up time (60 %)		Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free
HALOSPOT 111 PRO 35 W 12 V 6° G53 <sup>1)</sup>	6 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 35 W 12 V 24° G53 <sup>1)</sup>	24 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 50 W 12 V 6° G53 <sup>1)</sup>	6 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 50 W 12 V 24° G53 <sup>1)</sup>	24 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes

Product description	Light technical data			Dimensions & weight	Lifespan			Additional product data		
	Beam angle	Starting time	Warm-up time (60 %)		Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free
HALOSPOT 111 PRO 50 W 12 V 40° G53 <sup>1)</sup>	40 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 60 W 12 V 6° G53 <sup>1)</sup>	6 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 60 W 12 V 24° G53 <sup>1)</sup>	24 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes
HALOSPOT 111 PRO 60 W 12 V 40° G53 <sup>1)</sup>	40 °	0.0 s	0.00 s	111.0 mm	4000 h	4000 h	100000	G53	0.0 mg	Yes

Product description	Capabilities		Certificates & standards	Country-specific categorizations
	Burning position	Dimmable		
HALOSPOT 111 PRO 35 W 12 V 6° G53 <sup>1)</sup>	Any	Yes	38 kWh/1000h	HMGS//UBIB-35-12-G53-111/6
HALOSPOT 111 PRO 35 W 12 V 24° G53 <sup>1)</sup>	Any	Yes	38 kWh/1000h	HMGS//UBIB-35-12-G53-111/24
HALOSPOT 111 PRO 50 W 12 V 6° G53 <sup>1)</sup>	Any	Yes	54 kWh/1000h	HMGS//UBIB-50-12-G53-111/6
HALOSPOT 111 PRO 50 W 12 V 24° G53 <sup>1)</sup>	Any	Yes	54 kWh/1000h	HMGS//UBIB-50-12-G53-111/24
HALOSPOT 111 PRO 50 W 12 V 40° G53 <sup>1)</sup>	Any	Yes	54 kWh/1000h	HMGS//UBIB-50-12-G53-111/40
HALOSPOT 111 PRO 60 W 12 V 6° G53 <sup>1)</sup>	Any	Yes	65 kWh/1000h	HMGS//UBIB-60-12-G53-111/6
HALOSPOT 111 PRO 60 W 12 V 24° G53 <sup>1)</sup>	Any	Yes	65 kWh/1000h	HMGS//UBIB-60-12-G53-111/24
HALOSPOT 111 PRO 60 W 12 V 40° G53 <sup>1)</sup>	Any	Yes	65 kWh/1000h	HMGS//UBIB-60-12-G53-111/40

<sup>1)</sup> If connectors are used, an additional holder is required at the rim of the reflector/May produce noise in combination with some dimmers. Recommended solution: use OSRAM HTi DALI 150/230-240 DIM with OSRAM DALI MCU



HALOSPOT 111 PRO 35 W 12 V 6° G53,  
 HALOSPOT 111 PRO 35 W 12 V 24°  
 G53, HALOSPOT 111 PRO 50 W 12 V 6°  
 G53, HALOSPOT 111 PRO 50 W 12 V  
 24° G53, HALOSPOT 111 PRO 50 W 12  
 V 40° G53, HALOSPOT 111 PRO 60 W  
 12 V 6° G53, HALOSPOT 111 PRO 60 W  
 12 V 24° G53, HALOSPOT 111 PRO 60  
 W 12 V 40° G53

HALOSPOT 111 PRO 35 W 12 V 6° G53,  
 HALOSPOT 111 PRO 35 W 12 V 24°  
 G53, HALOSPOT 111 PRO 50 W 12 V 6°  
 G53, HALOSPOT 111 PRO 50 W 12 V  
 24° G53, HALOSPOT 111 PRO 50 W 12  
 V 40° G53, HALOSPOT 111 PRO 60 W  
 12 V 6° G53, HALOSPOT 111 PRO 60 W  
 12 V 24° G53, HALOSPOT 111 PRO 60  
 W 12 V 40° G53

### APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300656830	Shipping carton box 6	275 mm x 130 mm x 185 mm	657.00 g	6.61 dm <sup>3</sup>
4050300656854	Shipping carton box 6	275 mm x 130 mm x 185 mm	663.00 g	6.61 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300656878	Shipping carton box 6	275 mm x 130 mm x 185 mm	657.00 g	6.61 dm <sup>3</sup>
4050300656892	Shipping carton box 6	275 mm x 130 mm x 185 mm	663.00 g	6.61 dm <sup>3</sup>
4008321909244	Shipping carton box 6	275 mm x 130 mm x 185 mm	657.00 g	6.61 dm <sup>3</sup>
4050300786087	Shipping carton box 6	275 mm x 130 mm x 214 mm	676.80 g	7.65 dm <sup>3</sup>
4050300786100	Shipping carton box 6	275 mm x 130 mm x 185 mm	676.80 g	6.61 dm <sup>3</sup>
4008321909268	Shipping carton box 6	275 mm x 130 mm x 185 mm	633.00 g	6.61 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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#### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.