

HALOSPOT 111 ECO

Halogen spot lamps with 111 mm aluminum reflectors



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

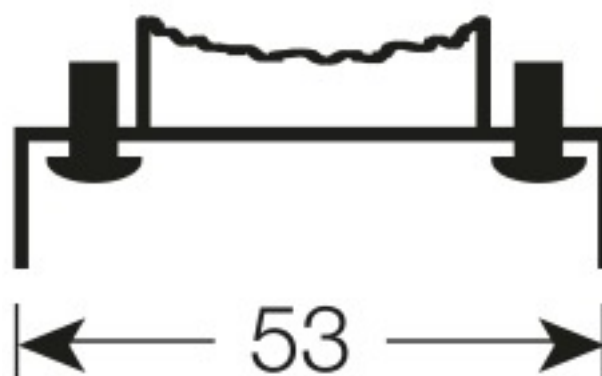
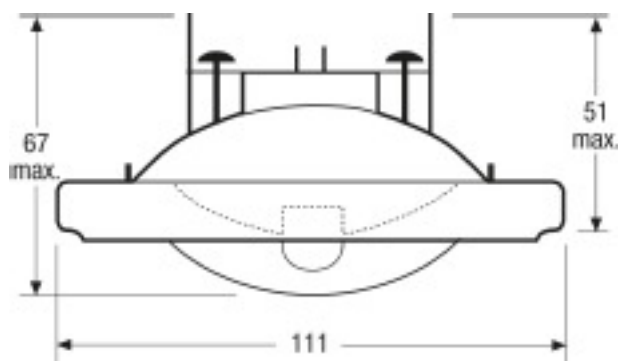
Product benefits

- Up to 30 % energy savings through IRC technology (comp. with conv. halogen lamps)
- Brilliant ECO accent lighting
- Significantly lower CO₂ emissions
- 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 fixture thanks to aluminum-coated reflector

Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R_a: 100
- Base: G53





Product line drawing with numbers

35 W 12 V 6° G53 | 50 W 12 V 24° G53 | 50 W 12 V 6° G53 |
60 W 12 V 24° G53 | 60 W 12 V 6° G53 | 50 W 12 V 45° G53
| 60 W 12 V 45° G53 | 35 W 12 V 24° G53

Base

35 W 12 V 6° G53 | 50 W 12 V 24° G53 | 50 W 12 V 6° G53 |
60 W 12 V 24° G53 | 60 W 12 V 6° G53 | 50 W 12 V 45° G53
| 60 W 12 V 45° G53 | 35 W 12 V 24° G53

Technical data

Product description	Base (standard designation)	Rated wattage	Luminous intensity	Beam angle	Nominal wattage	Nominal voltage
35 W 12 V 6° G53 ¹⁾	G53	35 W	22500 cd	6 °	35 W	12 V
50 W 12 V 24° G53 ¹⁾	G53	50 W	5500 cd	24 °	50 W	12 V
50 W 12 V 6° G53 ¹⁾	G53	50 W	33000 cd	6 °	50 W	12 V
60 W 12 V 24° G53 ¹⁾	G53	60 W	7000 cd	24 °	60 W	12 V
60 W 12 V 6° G53 ¹⁾	G53	60 W	42000 cd	6 °	60 W	12 V
50 W 12 V 45° G53 ¹⁾	G53	50 W	2000 cd	40 °	50 W	12 V
60 W 12 V 45° G53 ¹⁾	G53	60 W	2800 cd	40 °	60 W	12 V
35 W 12 V 24° G53 ¹⁾	G53	35 W	4200 cd	24 °	35 W	12 V

Product description	Nominal voltage	Nominal lamp life time	Rated lamp life time	Rated color temperature	Rated color rendering index Ra	Rated starting time
35 W 12 V 6° G53 ¹⁾	12 V	4000 h	4000 h	2900 K	100	0.0 s
50 W 12 V 24° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s
50 W 12 V 6° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s
60 W 12 V 24° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s
60 W 12 V 6° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s
50 W 12 V 45° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s
60 W 12 V 45° G53 ¹⁾	12 V	4000 h	4000 h	3000 K	100	0.0 s

35 W 12 V 24° G53 ¹⁾	12 V	4000 h	4000 h	2900 K	100	0.0 s
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Product description	Rated starting time	Rated warm-up time (60 %)	Rated number of switching cycles	Rated lamp mercury content	Rated power factor λ	Overall length
35 W 12 V 6° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	57.0 mm
50 W 12 V 24° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	58.0 mm
50 W 12 V 6° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	57.0 mm
60 W 12 V 24° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	56.0 mm
60 W 12 V 6° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	57.0 mm
50 W 12 V 45° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	58.0 mm
60 W 12 V 45° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	56.0 mm
35 W 12 V 24° G53 ¹⁾	0.0 s	0 s	1000000 ²⁾	0.0 mg	1.00	58.0 mm

Product description	Overall length	Diameter	Dimmable	Burning position	ILCOS	Lumen main.fact.at end of nom.life time
35 W 12 V 6° G53 ¹⁾	57.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-35-12-G53-111/8	0.80
50 W 12 V 24° G53 ¹⁾	58.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-50-12-G53-111/24	0.80
50 W 12 V 6° G53 ¹⁾	57.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-50-12-G53-111/8	0.80
60 W 12 V 24° G53 ¹⁾	56.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-65-12-G53-111/24	0.80

60 W 12 V 6° G53 ¹⁾	57.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-65-12-G53-111/8	0.80
50 W 12 V 45° G53 ¹⁾	58.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-50-12-G53-111/45	0.80
60 W 12 V 45° G53 ¹⁾	56.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-65-12-G53-111/45	0.80
35 W 12 V 24° G53 ¹⁾	58.0 mm	111.0 mm	Yes	Any	HMGS//UBIB-35-12-G53-111/24	0.80

¹⁾ If connectors are used, an additional holder is required at the rim of the reflector

²⁾ At 1 s on / 1 s off

Application advice

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

References / Links

For light distribution curves see

▶ www.osram.com

Disclaimer

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