
HALOGEN SPOT R80

Halogen lamps with 80 mm reflector for accent lighting



Areas of application

- General illumination
- Accent lighting
- Mood lighting
- Entrance lighting
- Restaurants, hotels and similar prestigious applications

Product benefits

- Simple direct replacement for conventional incandescent lamps
- The same pleasant quality of light as that of an incandescent lamp
- Instant 100 % light, no warm-up time
- Contains no mercury
- UV filter

Product features

- Average life: 2,000 h
- 100 % dimmable
- Perfect color rendering ($R_a: 100$)

Product family datasheet

Technical data

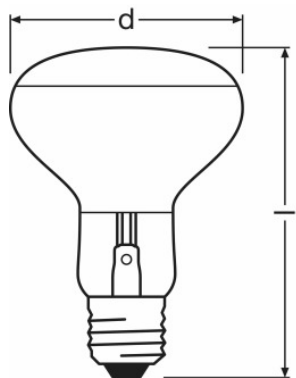
Product description	Electrical data						Photometrical data		
	Nominal wattage	Nominal voltage	Rated wattage	Claimed equiv. conventional lamp power	Rated luminous flux	Power factor λ	Color temperature	Nominal luminous flux	Color rendering index Ra
HAL R80 46 W 230 V E27	46.0 W	230 V	46.00 W	60 W	300 lm	1.00	2700 K	300 lm	>99
HAL R80 46 W 240 V E27	46.0 W	240 V	46.00 W	60 W	300 lm	1.00	2700 K	300 lm	>99
HAL R80 57 W 230 V E27	57.0 W	230 V	57.00 W	75 W	370 lm	1.00	2800 K	370 lm	>99
HAL R80 77 W 230 V E27	77.0 W	230 V	77.00 W	100 W	580 lm	1.00	2800 K	580 lm	>99

Product description	Light technical data			Dimensions & weight		Lifespan				Additional product data
	Beam angle	Starting time	Warm-up time (60 %)	Diameter	Overall length	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)
HAL R80 46 W 230 V E27	15 °	0.0 s	0.00 s	80.0 mm	116.0 mm	2000 h	2000 h	50000 ¹⁾	0.75	E27
HAL R80 46 W 240 V E27	15 °	0.0 s	0.00 s	80.0 mm	116.0 mm	2000 h	2000 h	50000 ¹⁾	0.75	E27
HAL R80 57 W 230 V E27	20 °	0.0 s	0.00 s	80.0 mm	116.0 mm	2000 h	2000 h	50000 ¹⁾	0.75	E27
HAL R80 77 W 230 V E27	20 °	0.0 s	0.00 s	80.0 mm	116.0 mm	2000 h	2000 h	50000 ¹⁾	0.75	E27

Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL R80 46 W 230 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSR/UB-46-230-E27-80/15
HAL R80 46 W 240 V E27	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSR/UB-42-230-E27-80/30
HAL R80 57 W 230 V E27	0.0 mg	Yes	Any	Yes	D	57 kWh/1000h	HSGSR/UB-57-230-E27-80/20
HAL R80 77 W 230 V E27	0.0 mg	Yes	Any	Yes	D	77 kWh/1000h	HSGSR/UB-77-230-E27-80/20

¹⁾ At 1 min on / 3 min off

Product family datasheet



HAL R80 46 W 230 V E27, HAL R80 57
W 230 V E27, HAL R80 77 W 230 V
E27

Application advice

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

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899054431	HAL R80 46 W 230 V E27	Shipping carton box 20	396 mm x 163 mm x 232 mm	14.98 dm ³	1378.00 g
4052899054455	HAL R80 46 W 230 V E27	Shipping carton box 10	369 mm x 171 mm x 154 mm	9.72 dm ³	673.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899237728	HAL R80 46 W 240 V E27	Shipping carton box 20	396 mm x 163 mm x 232 mm	14.98 dm ³	1378.00 g
4052899054479	HAL R80 57 W 230 V E27	Shipping carton box 20	396 mm x 163 mm x 232 mm	14.98 dm ³	1352.00 g
4052899054493	HAL R80 57 W 230 V E27	Shipping carton box 10	369 mm x 171 mm x 154 mm	9.72 dm ³	672.00 g
4052899054516	HAL R80 77 W 230 V E27	Shipping carton box 20	396 mm x 163 mm x 232 mm	14.98 dm ³	1378.00 g
4052899054530	HAL R80 77 W 230 V E27	Shipping carton box 10	369 mm x 171 mm x 154 mm	9.72 dm ³	662.00 g

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.

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.