
ECO R80 46 W 230 V E27

HALOGEN SPOT R80 ECO | 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 datasheet

Technical data

Electrical data

Nominal wattage	46.00 W
Nominal voltage	230 V
Rated wattage	46.00 W
Claimed equiv. conventional lamp power	60 W
Power factor λ	1.00

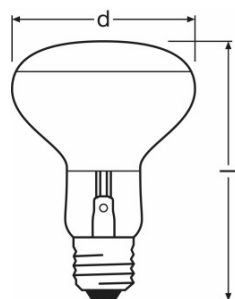
Photometrical data

Nominal useful luminous flux 90°	300 lm
Luminous intensity	1100 cd
Color temperature	2700 K
Nominal luminous flux	300 lm
Rated luminous flux	300 lm
Color rendering index Ra	>99
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	300 lm
Rated peak intensity	1100 cd

Light technical data

Beam angle	20 °
Nominal beam angle	15.00 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	15.00 °

Dimensions & weight



Diameter	80.0 mm
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Product datasheet

Length	115.0 mm
Overall length	116.0 mm
Outer bulb	R80
Maximum diameter	81.0 mm

Lifespan

Nominal lamp life time	2000 h
Rated lamp life time	2000 h
Number of switching cycles	50000 ¹⁾

¹⁾ At 1 min on / 3 min off

Additional product data

Base (standard designation)	E27
Lamp mercury content	0.0 mg
Mercury-free	Yes
New article	NEW

Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy consumption	46 kWh/1000h
Energy efficiency class	D

Country specific categorizations

ILCOS	HSGSR/UB-46-230-E27-80/15
Order reference	64543 R80ECO 46

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899054431	ECO 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

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

Product datasheet

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.