PRODUCT DATASHEET
HAL CL R50 46 W 230 V E14

HALOGEN CLASSIC R50 | Halogen lamps with 50 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)

TECHNICAL DATA

Electrical data

Nominal wattage	46.00 W
Nominal voltage	230 V
Rated wattage	46.00 W
Power factor λ	1.00
Claimed equiv. conventional lamp power	55 W

Photometrical data

Nominal useful luminous flux 90°	290 lm
Luminous intensity	510 cd
Rated color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	290 lm
Rated peak intensity	490 cd

Light technical data

Beam angle	30 °
Nominal beam angle	30 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	30.00 °

Dimensions & weight
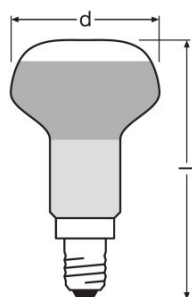
Diameter	50.0 mm
Length	85.0 mm
Overall length	86.5 mm

Outer bulb	T50
Maximum diameter	51.0 mm

Lifespan

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

Additional product data

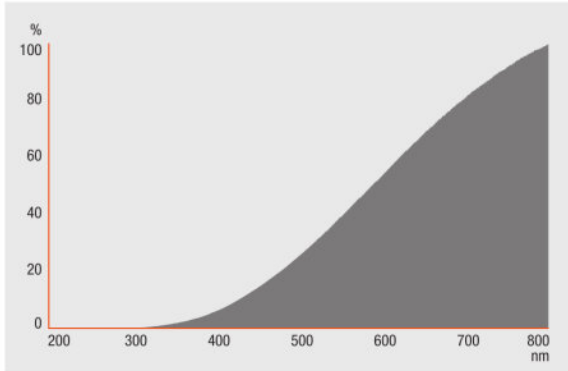| Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Product remark	Banned from 1.9.2016 as per EU phase-out plan

Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy efficiency class	D
Energy consumption	46 kWh/1000h

Country-specific categorizations

ILCOS	HSGSR/UB-46-230-E14-50/30

Light Distribution

Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321984869	HAL CL R50 46 W 230 V E14	Shipping carton box 20	261 mm x 100 mm x 210 mm	5.48 dm³	713.00 g
4052899164475	HAL CL R50 46 W 230 V E14	Shipping carton box 20	314 mm x 136 mm x 150 mm	6.41 dm³	600.00 g
4052899171152	HAL CL R50 46 W 230 V E14	Shipping carton box 56	364 mm x 140 mm x 183 mm	9.33 dm³	1519.00 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.

DISCLAIMER

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