
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 ($R_a: 100$)

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 CL R50 30 W 230 V E14 ¹⁾	30.0 W	230 V	30.00 W	40 W	170 lm	1.00	2700 K	170 lm	100
HAL CL R50 30 W 240 V E14 ¹⁾	30.0 W	240 V	30.00 W	40 W		1.00	2700 K		100
HAL CL R50 46 W 230 V E14 ¹⁾	46.0 W	230 V	46.00 W	60 W	290 lm	1.00	2700 K	290 lm	100
HAL CL R50 20 W 230 V E14 ¹⁾	20.0 W	230 V	20.00 W	25 W	90 lm	1.00	2700 K	90 lm	100
HAL CL R50 20 W/240 V 40° E14 ¹⁾	20.0 W	240 V	20.00 W	25 W	90 lm	1.00	2700 K	90 lm	100

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 CL R50 30 W 230 V E14 ¹⁾	30 °	0.0 s	0.00 s	50.0 mm	86.5 mm	2000 h	2000 h	50000 ²⁾	0.75	E14
HAL CL R50 30 W 240 V E14 ¹⁾	30 °	0.0 s	0.00 s	50.0 mm	86.5 mm	2000 h	2000 h	50000 ²⁾	0.75	E14
HAL CL R50 46 W 230 V E14 ¹⁾	30 °	0.0 s	0.00 s	50.0 mm	86.5 mm	2000 h	2000 h	50000 ²⁾	0.75	E14
HAL CL R50 20 W 230 V E14 ¹⁾	30 °	0.0 s	0.00 s	50.0 mm	86.5 mm	2000 h	2000 h	50000 ²⁾	0.75	E14
HAL CL R50 20 W/240 V 40° E14 ¹⁾	40 °	0.0 s	0.00 s	50.0 mm	86.5 mm	1000 h	1000 h	50000 ²⁾	0.75	E14

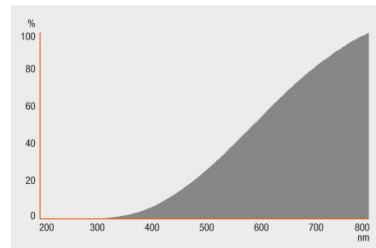
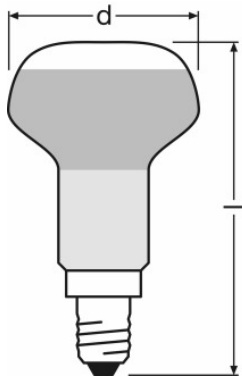
Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL CL R50 30 W 230 V E14 ¹⁾	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSR/UB-30-230-E14-50/30
HAL CL R50 30 W 240 V E14 ¹⁾	0.0 mg	Yes	Any	Yes	D	30 kWh/1000h	HSGSR/UB-30-240-E14-50/30
HAL CL R50 46 W 230 V E14 ¹⁾	0.0 mg	Yes	Any	Yes	D	46 kWh/1000h	HSGSR/UB-46-230-E14-50/30
HAL CL R50 20 W 230 V E14 ¹⁾	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	HSGSR/UB-20-230-E14-50/30

Product family datasheet

Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HAL CL R50 20 W/240 V 40° E14 ¹⁾	0.0 mg	Yes	Any	Yes	D	20 kWh/1000h	

¹⁾ Banned from 1.9.2016 as per EU phase-out plan

²⁾ At 1 min on / 3 min off



HAL CL R50 30 W 230 V E14, HAL CL R50 30 W 240 V E14, HAL CL R50 46 W 230 V E14, HAL CL R50 20 W 230 V E14

HAL CL R50 30 W 230 V E14, HAL CL R50 30 W 240 V E14, HAL CL R50 46 W 230 V E14, HAL CL R50 20 W 230 V E14

Application advice

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

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321212115	HAL CL R50 30 W 230 V E14	Shipping carton box 20	261 mm x 100 mm x 210 mm	5.48 dm ³	713.00 g
4008321212115	HAL CL R50 30 W 230 V E14	Shipping carton box 36	320 mm x 200 mm x 164 mm	10.50 dm ³	1230.18 g
4008321916334	HAL CL R50 30 W 230 V E14	Shipping carton box 10	314 mm x 136 mm x 231 mm	9.86 dm ³	492.80 g
4052899027725	HAL CL R50 30 W 230 V E14	Shipping carton box 20	321 mm x 141 mm x 149 mm	6.74 dm ³	730.00 g
4052899919372	HAL CL R50 30 W 230 V E14	Shipping carton box 56	364 mm x 140 mm x 183 mm	9.33 dm ³	1475.00 g
4008321228765	HAL CL R50 30 W 240 V E14	Shipping carton box 10	314 mm x 136 mm x 211 mm	9.01 dm ³	441.00 g
4008321229328	HAL CL R50 30 W 240 V E14	Shipping carton box 20	261 mm x 100 mm x 210 mm	5.48 dm ³	713.00 g
4008321984869	HAL CL R50 46 W 230 V E14	Shipping carton box 20	261 mm x 100 mm x 210 mm	5.48 dm ³	713.00 g
4008321984982	HAL CL R50 46 W 230 V E14	Shipping carton box 10	314 mm x 155 mm x 150 mm	7.30 dm ³	394.00 g
4052899164475	HAL CL R50 46 W 230 V E14	Shipping carton box 20	314 mm x 136 mm x 150 mm	6.41 dm ³	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 dm ³	1519.00 g
4008321984852	HAL CL R50 20 W 230 V E14	Shipping carton box 20	261 mm x 100 mm x 210 mm	5.48 dm ³	693.00 g
4008321984975	HAL CL R50 20 W 230 V E14	Shipping carton box 10	314 mm x 156 mm x 150 mm	7.35 dm ³	431.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899164499	HAL CL R50 20 W 230 V E14	Shipping carton box 20	314 mm x 136 mm x 150 mm	6.41 dm ³	593.00 g
4052899171138	HAL CL R50 20 W 230 V E14	Shipping carton box 56	364 mm x 140 mm x 183 mm	9.33 dm ³	1503.00 g
4052899932647	HAL CL R50 20 W/240 V 40° E14	Shipping carton box 20	261 mm x 210 mm x 100 mm	5.48 dm ³	660.00 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.