

---

## HALOSTAR Standard

Low-voltage halogen lamps with pin base



---

### Areas of application

- General illumination
- Kitchen lighting
- Mirror lighting
- Lighting for reading
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

---

### Product benefits

- Brilliant accent light
- Incredibly small dimensions for revolutionary new luminaire designs
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

---

### Product features

- Average life: 2,000 h
- 100 % dimmable
- Color rendering index  $R_a$ : 100

# Product family datasheet

## Technical data

Product description	Electrical data					Photometrical data			Light technical data	
	Nominal wattage	Nominal voltage	Rated luminous flux	Rated wattage	Power factor $\lambda$	Nominal luminous flux	Color temperature	Color rendering index Ra	Starting time	Warm-up time (60 %)
HALOSTAR 10 W 12 V G4	10.0 W	12.0 V	140 lm	10.00 W	1.00	140 lm	2800 K	100	0.0 s	0.00 s
HALOSTAR 20 W 12 V G4	20.0 W	12.0 V	320 lm	20.00 W	1.00	320 lm	2800 K	100	0.0 s	0.00 s
HALOSTAR 20 W 12 V G4	20.0 W	12.0 V	320 lm	20.00 W	1.00	320 lm	2800 K	100	0.0 s	0.00 s
HALOSTAR 35 W 12 V GY6.35	35.0 W	12.0 V	630 lm	35.00 W	1.00	630 lm	2900 K	100	0.0 s	0.00 s
HALOSTAR 50 W 12 V GY6.35	50.0 W	12.0 V	910 lm	50.00 W	1.00	910 lm	3000 K	100	0.0 s	0.00 s

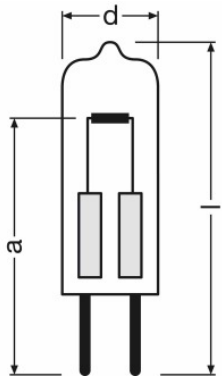
Product description	Dimensions & weight			Lifespan				Additional product data		
	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free
HALOSTAR 10 W 12 V G4	10.0 mm	33.0 mm	22.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	G4	0.0 mg	Yes
HALOSTAR 20 W 12 V G4	10.0 mm	33.0 mm	22.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	G4	0.0 mg	Yes
HALOSTAR 20 W 12 V G4	10.0 mm	33.0 mm	22.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	G4	0.0 mg	Yes
HALOSTAR 35 W 12 V GY6.35	12.0 mm	44.0 mm	30.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	GY6.35	0.0 mg	Yes
HALOSTAR 50 W 12 V GY6.35	12.0 mm	44.0 mm	30.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	GY6.35	0.0 mg	Yes

Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR 10 W 12 V G4	Any	Yes	C	11 kWh/1000h	HSGST/C/UB-10-12-G4-10/22
HALOSTAR 20 W 12 V G4	Any	Yes	C	22 kWh/1000h	HSGST/C/UB-20-12-G4-10/22
HALOSTAR 20 W 12 V G4	Any	Yes	C	22 kWh/1000h	HSGST/C/UB-20-12-G4-10/22
HALOSTAR 35 W 12 V GY6.35	Any	Yes	C	38 kWh/1000h	HSGST/C/UB-35-12-GY6.35-12/30

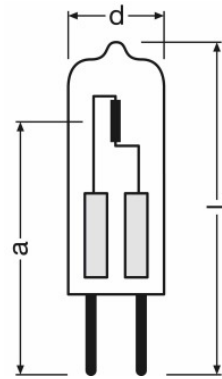
# Product family datasheet

Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR 50 W 12 V GY6.35	Any	Yes	C	53 kWh/1000h	HSGST/C/UB-50-12-GY6.35-12/30

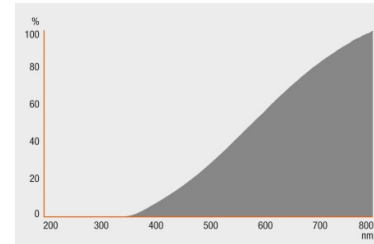
1) At 1 min on / 3 min off



HALOSTAR 10 W 12 V G4, HALOSTAR 20 W 12 V G4



HALOSTAR 35 W 12 V GY6.35, HALOSTAR 50 W 12 V GY6.35



HALOSTAR 10 W 12 V G4, HALOSTAR 20 W 12 V G4, HALOSTAR 35 W 12 V GY6.35, HALOSTAR 50 W 12 V GY6.35

## 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
4050300010717	HALOSTAR 10 W 12 V G4	Shipping carton box 40	144 mm x 131 mm x 121 mm	2.28 dm <sup>3</sup>	216.00 g
4050300010717	HALOSTAR 10 W 12 V G4	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm <sup>3</sup>	188.00 g
4050300010717	HALOSTAR 10 W 12 V G4	Shipping carton box 200	266 mm x 238 mm x 153 mm	9.69 dm <sup>3</sup>	610.00 g
4050300239606	HALOSTAR 10 W 12 V G4	Shipping carton box 5000	435 mm x 439 mm x 317 mm	60.54 dm <sup>3</sup>	8256.00 g
4050300217284	HALOSTAR 20 W 12 V G4	Shipping carton box 5000	388 mm x 368 mm x 254 mm	36.27 dm <sup>3</sup>	7193.75 g
4050300003924	HALOSTAR 20 W 12 V G4	Shipping carton box 40	127 mm x 139 mm x 121 mm	2.14 dm <sup>3</sup>	204.25 g
4050300003924	HALOSTAR 20 W 12 V G4	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm <sup>3</sup>	202.63 g
4050300003924	HALOSTAR 20 W 12 V G4	Shipping carton box 200	266 mm x 238 mm x 153 mm	9.69 dm <sup>3</sup>	620.00 g
4050300364629	HALOSTAR 35 W 12 V GY6.35	Shipping carton box 40	128 mm x 133 mm x 121 mm	2.06 dm <sup>3</sup>	260.09 g
4050300324432	HALOSTAR 50 W 12 V GY6.35	Shipping carton box 40	126 mm x 138 mm x 121 mm	2.10 dm <sup>3</sup>	273.29 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

## Product family datasheet

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