

# PRODUCT FAMILY DATASHEET

## 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

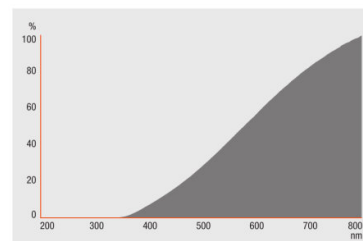
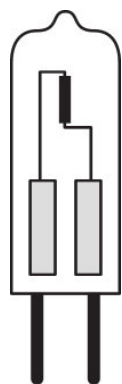
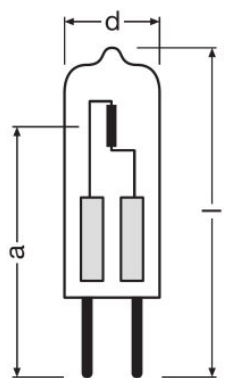
- Average life: 2,000 h
- 100 % dimmable
- Color rendering index  $R_a$ : 100

TECHNICAL DATA

Product description	Electrical data				Photometrical data				Light technical data		Dimensions & weight
	Nominal wattage	Nominal voltage	Rated wattage	Power factor $\lambda$	Nominal luminous flux	Color temperature	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Starting time	Warm-up time (60 %)	Diameter
HALOSTAR 10 W 12 V G4	10.00 W	12 V	10.00 W	1.00	140 lm	2800 K	100	0.80	0.0 s	0.00 s	10.0 mm
HALOSTAR 20 W 12 V G4	20.00 W	12 V	20.00 W	1.00	320 lm	2800 K	100	0.80	0.0 s	0.00 s	10.0 mm
HALOSTAR 20 W 12 V G4	20.00 W	12 V	20.00 W	1.00	320 lm	2800 K	100	0.80	0.0 s	0.00 s	10.0 mm
HALOSTAR 35 W 12 V GY6.35	35.00 W	12 V	35.00 W	1.00	630 lm	2900 K	100	0.80	0.0 s	0.00 s	12.0 mm
HALOSTAR 50 W 12 V GY6.35	50.00 W	12 V	50.00 W	1.00	910 lm	3000 K	100	0.80	0.0 s	0.00 s	12.0 mm

Product description	Overall length	Light center length (LCL)	Lifespan			Additional product data			Capabilities
			Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Burning position
HALOSTAR 10 W 12 V G4	33.0 mm	22.0 mm	2000 h	2000 h	50000	G4	0.0 mg	Yes	Any
HALOSTAR 20 W 12 V G4	33.0 mm	22.0 mm	2000 h	2000 h	50000	G4	0.0 mg	Yes	Any
HALOSTAR 20 W 12 V G4	33.0 mm	22.0 mm	2000 h	2000 h	50000	G4	0.0 mg	Yes	Any
HALOSTAR 35 W 12 V GY6.35	44.0 mm	30.0 mm	2000 h	2000 h	50000	GY6.35	0.0 mg	Yes	Any
HALOSTAR 50 W 12 V GY6.35	44.0 mm	30.0 mm	2000 h	2000 h	50000	GY6.35	0.0 mg	Yes	Any

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HALOSTAR 10 W 12 V G4	Yes	C	11 kWh/1000h	HSGST/C/UB-10-12-G4-10/22
HALOSTAR 20 W 12 V G4	Yes	C	22 kWh/1000h	HSGST/C/UB-20-12-G4-10/22
HALOSTAR 20 W 12 V G4	Yes	C	22 kWh/1000h	HSGST/C/UB-20-12-G4-10/22
HALOSTAR 35 W 12 V GY6.35	Yes	C	38 kWh/1000h	HSGST/C/UB-35-12-GY6.35-12/30
HALOSTAR 50 W 12 V GY6.35	Yes	C	54 kWh/1000h	HSGST/C/UB-50-12-GY6.35-12/30



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

HALOSTAR 35 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.

### 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	485 mm x 137 mm x 154 mm	10.23 dm <sup>3</sup>	594.00 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

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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	485 mm x 137 mm x 154 mm	10.23 dm <sup>3</sup>	604.00 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

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