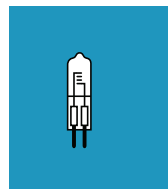
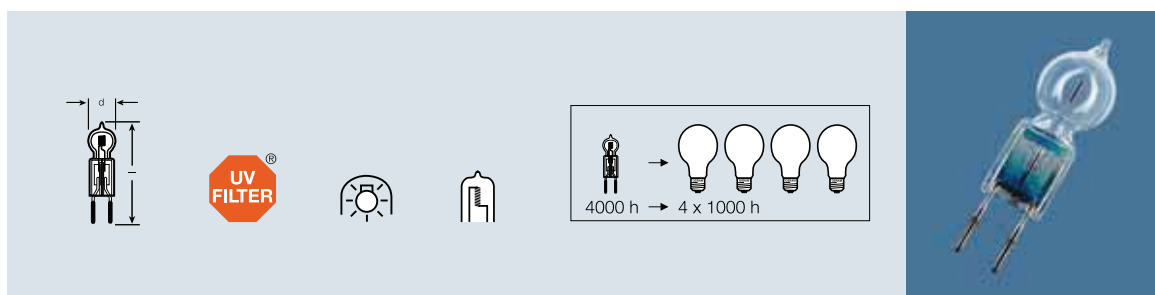


HALOSTAR® ENERGY SAVER



Product reference	Product number	W	V	lm	t [h]		 d max. [mm]	 l max. [mm]	 a [mm]	
HALOSTAR® ENERGY SAVER										
64432 ES	4050300615905	35	12	900	4000	GY6.35	12	44	30	40
64440 ES	4050300615936	50	12	1250	4000	GY6.35	12	44	30	40
64447 ES	4050300785400	65	12	1700	4000	GY6.35	12	44	30	40



Straight to the point.

With HALOSTAR® lamps, it is possible for light sources in “starlight ceilings”, furniture luminaires and chandeliers for example to be on open display without the need for protective shields.

Thanks to IRC technology the HALOSTAR® ES needs much less energy to produce the same amount of light.

Standard pin-base lamp		HALOSTAR® ES
50 W	→	35 W ES
75 W	→	50 W ES
90 W	→	65 W ES

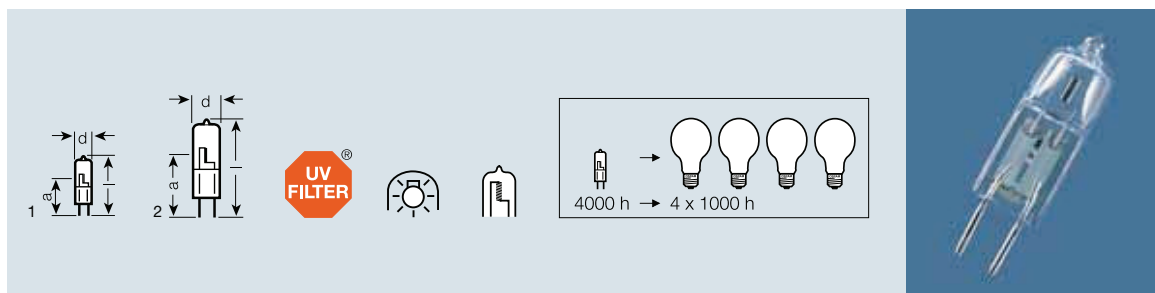
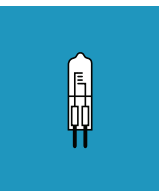


- Up to 60% cost savings¹⁾
- Long average life of 4000 hours
- High luminous efficacy of up to 26 lm/W
- Significantly lower CO₂ emissions due to energy savings
- Approved for use in open luminaires to IEC 60598-1
- Dimmable
- Color temperature of 3000 K
- Low thermal output
- Axial filament for optimum directional light
- Special pins for corrosion protection
- UV-FILTER

¹⁾ Compared with HALOSTAR® STANDARD

HALOSTAR STARLITE® 6-12V

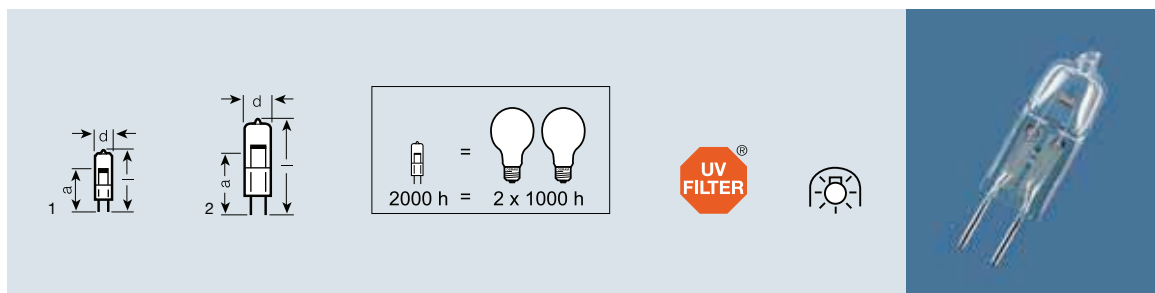
HALOSTAR STANDARD 12V



Product reference	Product number	W	V	lm	t[h]		d max. [mm]	l max. [mm]	a		No.
HALOSTAR STARLITE® 6-12V SERIES											
64405 S ¹⁾	4050300 335032	5	12	60	4000	G4	10	33	22	40	1
64410 S	4050300 335131	10	6	110	4000	G4	10	33	22	40	1
64415 S	4050300 335087	10	12	130	4000	G4	10	33	22	40	1
64425 S	4050300 335162	20	12	300	4000	G4	10	33	22	40	1
64427 S	4050300 328171	20	12	300	4000	GY6.35	12	44	30	40	2
64432 S	4050300 017426	35	12	600	4000	GY6.35	12	44	30	40	2
64440 S	4050300 328201	50	12	910	4000	GY6.35	12	44	30	40	2
64450 S	4050300 490151	75	12	1450	4000	GY6.35	12	44	30	40	2
64458 S	4050300 490182	90	12	1800	4000	GY6.35	12	44	30	40	2

HALOSTAR STARLITE® lamps may be used in free-burning applications without a shield on the luminaire. They are made from UV-reducing quartz and comply with the strictest UV protection thresholds (to IEC 60432).

- Long average life of 4000 hours
- Axial filament for optimum directional light
- Special pins for corrosion protection
- Approved for use in open luminaires to IEC 60598-1
- Dimmable
- Color temperature of 3000 K

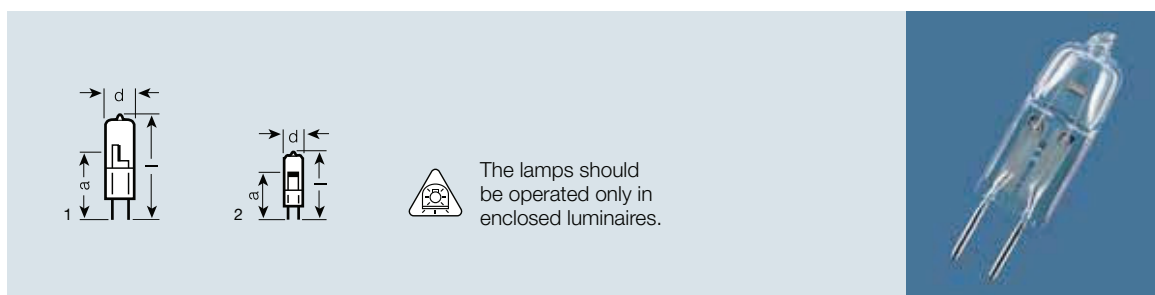


Product reference	Product number	W	V	lm	t[h]		d max. [mm]	l max. [mm]	a		No.
HALOSTAR® STANDARD 12V											
64415 STD UVS	4050300 010717	10	12	140	2000	G4	10	33	22	40	1
64425 STD UVS	4050300 003924	20	12	320	2000	G4	10	33	22	40	1
64425 STD UVS TWIN	4008321 201836	20	12	320	2000	G4	10	33	22	10x BLI2	1
64440 STD UVS	4050300 324432	50	12	910	2000	GY6.35	12	44	30	40	2
64440 STD UVS TWIN	4008321 202161	50	12	910	2000	GY6.35	12	44	30	10x BLI2	2

Free-burning halogen lamps such as HALOSTAR® STANDARD, have given lighting designers new freedom thanks to their brilliant, highly focused and decorative light.

- Average life 2000 hours
- Approved for use in open luminaires to IEC 60598-1
- UV-FILTER
- Dimmable
- Color temperature of 3000 K

HALOSTAR® 24 V



Product reference	Product number	W	V	lm	t[h]						
HALOSTAR® 24 V series											
64435 U AX	4050300 335513	20	24	320	1000	G4	9,5	33	22	40	2
64445 U AX	4050300 335544	50	24	900	2000	GY6.35	12	44	30	40	1
64460 U AX	4050300 335667	100	24	2200	2000	GY6.35	12	44	30	40	1
64465 U AX	4050300 335698	150	24	3200	2000	GY6.35	16	50	32	40	1

HALOSTAR® 24 V

UV-reducing quartz suppresses unwanted UV radiation. The UV-related bleaching effect as defined by IEC has therefore been reduced by up to 80% compared with conventional pin-base lamps. Complies with the strictest UV protection thresholds (IEC 60432).

- The base pins are tempered to protect against corrosion
- The axial filament ensures optimum directional light
- High illuminance level