
HALOLINE PRO

Double ended halogen lamps with tube base



Areas of application

- General illumination
- Entrance lighting
- Pathway lighting
- Outdoor applications only in suitable luminaires
- Traffic areas
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

Product benefits

- Brilliant accent lighting
- Direct replacement for standard tubular halogen lamps
- Significantly lower CO₂ emissions
- Lower thermal output (compared with the standard reference product)
- No transformer required
- Contains no mercury

Product features

- Average life: 2,000 h
- 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	Claimed equiv. conventional lamp power	Power factor λ	Nominal luminous flux	Color temperature	Color rendering index Ra	Starting time
HALOLINE PRO 48 W 230 V R7S ¹⁾	48.0 W	230 V	750 lm	48.00 W	60 W	1.00	750 lm	2800 K	100	0.0 s
HALOLINE PRO 80 W 230 V R7S ²⁾	80.0 W	230 V	1400 lm	80.00 W	100 W	1.00	1400 lm	2950 K	100	0.0 s
HALOLINE PRO 120 W 230 V R7S ²⁾	120 W	230 V	2200 lm	120.00 W	150 W	1.00	2200 lm	2950 K	100	0.0 s
HALOLINE PRO 120 W 230 V R7S ¹⁾	120 W	230 V	2200 lm	120.00 W	150 W	1.00	2200 lm	2900 K	100	0.0 s
HALOLINE PRO 160 W 230 V R7S ¹⁾	160 W	230 V	3100 lm	160.00 W	200 W	1.00	3100 lm	2900 K	100	0.0 s
HALOLINE PRO 230 W 230 V R7S ²⁾	230 W	230 V	5000 lm	230.00 W	300 W	1.00	5000 lm	2950 K	100	0.0 s
HALOLINE PRO 400 W 230 V R7S ²⁾	400 W	230 V	8750 lm	400.00 W	500 W	1.00	8750 lm	3000 K	100	0.0 s
HALOLINE PRO 48 W 240 V R7S ¹⁾	48.0 W	240 V	750 lm	48.00 W	60 W	1.00	750 lm	2800 K	100	0.0 s
HALOLINE PRO 80 W 240 V R7S ²⁾	80.0 W	240 V	1400 lm	80.00 W	100 W	1.00	1400 lm	2950 K	100	0.0 s
HALOLINE PRO 120 W 240 V R7S ²⁾	120 W	240 V	2250 lm	120.00 W	150 W	1.00	2250 lm	2950 K	100	0.0 s
HALOLINE PRO 120 W 240 V R7S ¹⁾	120 W	240 V	2200 lm	120.00 W	150 W	1.00	2200 lm	2900 K	100	0.0 s
HALOLINE PRO 160 W 240 V R7S ¹⁾	160 W	240 V	3100 lm	160.00 W	200 W	1.00	3100 lm	2900 K	100	0.0 s
HALOLINE PRO 230 W 240 V R7S ²⁾	230 W	240 V	5000 lm	230.00 W	300 W	1.00	5000 lm	2950 K	100	0.0 s
HALOLINE PRO 400 W 240 V R7S ²⁾	400 W	240 V	8750 lm	400.00 W	500 W	1.00	8750 lm	2950 K	100	0.0 s

Product description	Warm-up time (60 %)	Dimensions & weight		Lifespan			Additional product data		
		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)	Lamp mercury content
HALOLINE PRO 48 W 230 V R7S ¹⁾	0.00 s	12.0 mm	74.9 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 80 W 230 V R7S ²⁾	0.00 s	12.0 mm	74.9 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 120 W 230 V R7S ²⁾	0.00 s	12.0 mm	74.9 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg

Product family datasheet

Product description	Warm-up time (60 %)	Dimensions & weight		Lifespan				Additional product data	
		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)	Lamp mercury content
HALOLINE PRO 120 W 230 V R7S ¹⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 160 W 230 V R7S ¹⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 230 W 230 V R7S ²⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 400 W 230 V R7S ²⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 48 W 240 V R7S ¹⁾	0.00 s	12.0 mm	74.9 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 80 W 240 V R7S ²⁾	0.00 s	12.0 mm	74.9 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 120 W 240 V R7S ²⁾	0.00 s	12.0 mm	80.3 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 120 W 240 V R7S ¹⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 160 W 240 V R7S ¹⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 230 W 240 V R7S ²⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg
HALOLINE PRO 400 W 240 V R7S ²⁾	0.00 s	12.0 mm	114.2 mm	2000 h	2000 h	50000 ³⁾	0.80	R7s	0.0 mg

Product description	Mercury-free	Capabilities			Certificates & standards	Country specific categorizations
		Fuse, quick-acting	Burning position	Dimmable		
					Energy efficiency class	ILCOS
HALOLINE PRO 48 W 230 V R7S ¹⁾	Yes	2.0 A	Any	Yes	C	HDG-48-230-R7s-74,9
HALOLINE PRO 80 W 230 V R7S ²⁾	Yes	2.0 A	Any	Yes	D	HDG-80-230-R7s-74,9
HALOLINE PRO 120 W 230 V R7S ²⁾	Yes	2.0 A	Any	Yes	C	HDG-120-230-R7s-74,9
HALOLINE PRO 120 W 230 V R7S ¹⁾	Yes	2.0 A	Any	Yes	D	HDG-120-230-R7s-114,2
HALOLINE PRO 160 W 230 V R7S ¹⁾	Yes	2.0 A	Any	Yes	C	HDG-160-230-R7s-114,2
HALOLINE PRO 230 W 230 V R7S ²⁾	Yes	2.0 A	Any	Yes	C	HDG-230-230-R7s-114,2
HALOLINE PRO 400 W 230 V R7S ²⁾	Yes	2.0 A	Any	Yes	C	HDG-400-230-R7s-114,2
HALOLINE PRO 48 W 240 V R7S ¹⁾	Yes	2.0 A	Any	Yes	D	HDG-48-240-R7s-74,9
HALOLINE PRO 80 W 240 V R7S ²⁾	Yes	2.0 A	Any	Yes	D	HDG-80-240-R7s-74,9

Product family datasheet

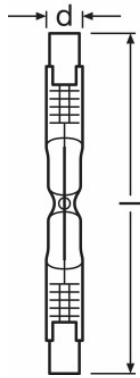
Product description	Mercury-free	Capabilities			Certificates & standards	Country specific categorizations
		Fuse, quick-acting	Burning position	Dimmable		
HALOLINE PRO 120 W 240 V R7S ²⁾	Yes	2.0 A	Any	Yes	D	HDG-120-240-R7s-74,9
HALOLINE PRO 120 W 240 V R7S ¹⁾	Yes	2.0 A	Any	Yes	D	HDG-120-240-R7s-114,2
HALOLINE PRO 160 W 240 V R7S ¹⁾	Yes	2.0 A	Any	Yes	C	HDG-160-240-R7s-114,2
HALOLINE PRO 230 W 240 V R7S ²⁾	Yes	2.0 A	Any	Yes	C	HDG-230-240-R7s-114,2
HALOLINE PRO 400 W 240 V R7S ²⁾	Yes	2.0 A	Any	Yes	C	HDG-400-240-R7s-114,2

¹⁾ Fuse protection with indicated values recommended acc. to IEC60357, EN60357/For outdoor applications and operation in damp locations special approved fixtures are required/Technical and light values are subject to be changed

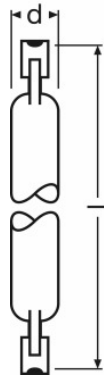
²⁾ Fuse protection with indicated values recommended acc. to IEC60357, EN60357/For outdoor applications and operation in damp locations special approved fixtures are required

³⁾ At 1 min on / 3 min off

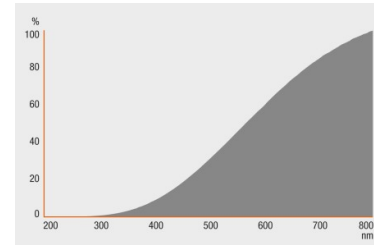
Product family datasheet



HALOLINE PRO 48 W 230 V R7S



HALOLINE PRO 80 W 230 V R7S,
HALOLINE PRO 120 W 230 V R7S,
HALOLINE PRO 120 W 230 V R7S,
HALOLINE PRO 160 W 230 V R7S,
HALOLINE PRO 230 W 230 V R7S,
HALOLINE PRO 400 W 230 V R7S,
HALOLINE PRO 48 W 240 V R7S,
HALOLINE PRO 80 W 240 V R7S,
HALOLINE PRO 120 W 240 V R7S,
HALOLINE PRO 120 W 240 V R7S,
HALOLINE PRO 160 W 240 V R7S,
HALOLINE PRO 230 W 240 V R7S,
HALOLINE PRO 400 W 240 V R7S



HALOLINE PRO 48 W 230 V R7S,
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HALOLINE PRO 160 W 230 V R7S,
HALOLINE PRO 230 W 230 V R7S,
HALOLINE PRO 400 W 230 V R7S,
HALOLINE PRO 48 W 240 V R7S,
HALOLINE PRO 80 W 240 V R7S,
HALOLINE PRO 120 W 240 V R7S,
HALOLINE PRO 120 W 240 V R7S,
HALOLINE PRO 160 W 240 V R7S,
HALOLINE PRO 230 W 240 V R7S,
HALOLINE PRO 400 W 240 V R7S

Application advice

Product family datasheet

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
4008321977595	HALOLINE PRO 48 W 230 V R7S	Shipping carton box 20	92 mm x 77 mm x 113 mm	0.80 dm ³	197.00 g
4008321928078	HALOLINE PRO 80 W 230 V R7S	Shipping carton box 20	112 mm x 77 mm x 92 mm	0.79 dm ³	209.00 g
4008321928092	HALOLINE PRO 120 W 230 V R7S	Shipping carton box 20	93 mm x 77 mm x 113 mm	0.81 dm ³	207.00 g
4008321977670	HALOLINE PRO 120 W 230 V R7S	Shipping carton box 20	137 mm x 77 mm x 112 mm	1.18 dm ³	301.00 g
4008321977755	HALOLINE PRO 160 W 230 V R7S	Shipping carton box 20	137 mm x 77 mm x 112 mm	1.18 dm ³	310.00 g
4008321207692	HALOLINE PRO 230 W 230 V R7S	Shipping carton box 20	149 mm x 79 mm x 113 mm	1.33 dm ³	317.75 g
4008321207715	HALOLINE PRO 400 W 230 V R7S	Shipping carton box 20	149 mm x 78 mm x 113 mm	1.31 dm ³	328.00 g
4008321977632	HALOLINE PRO 48 W 240 V R7S	Shipping carton box 20	92 mm x 77 mm x 111 mm	0.79 dm ³	197.00 g
4008321325396	HALOLINE PRO 80 W 240 V R7S	Shipping carton box 20	112 mm x 77 mm x 102 mm	0.88 dm ³	209.00 g
4008321325419	HALOLINE PRO 120 W 240 V R7S	Shipping carton box 20	112 mm x 77 mm x 92 mm	0.79 dm ³	207.00 g
4008321977717	HALOLINE PRO 120 W 240 V R7S	Shipping carton box 20	137 mm x 77 mm x 112 mm	1.18 dm ³	306.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321977793	HALOLINE PRO 160 W 240 V R7S	Shipping carton box 20	137 mm x 112 mm x 77 mm	1.18 dm ³	272.00 g
4008321275622	HALOLINE PRO 230 W 240 V R7S	Shipping carton box 20	137 mm x 77 mm x 112 mm	1.18 dm ³	342.00 g
4008321275646	HALOLINE PRO 400 W 240 V R7S	Shipping carton box 20	137 mm x 77 mm x 112 mm	1.18 dm ³	342.00 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.