



# The new halogen linear – crisp white light

## Plusline ES Small

Mains-voltage halogen linear lamp with superior quality and reliability. Offers very long lifetime and crisp halogen light. Ideal solution for decorative luminaires and for security or task lighting floodlights.

### Benefits

- Bright, sparkling halogen light to create the right atmosphere
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lower replacement cost due to longer burning hours

### Features

- White halogen light with excellent colour rendering
- Universal position
- Two arc-preventing fuses for greater safety
- Replacement range for PlusLine in European countries
- Reinforced filament for maximum safety and shock resistance

### Application

- General lighting in shops, restaurants, hotels, galleries, exhibitions and museums.  
Decorative outdoor: billboards, exhibitions and parking areas

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## Versions



## Dimensional drawing



Product	D (max)	B (max)	B	B (min)	C (max)
Halogen 118MM 2Y 160W R7S 230V 1BC/10	11 mm	115.8 mm	114.2 mm	112.6 mm	118 mm
Plusline 118mm 2y 400W R7s 230V 1BB	11 mm	115.8 mm	114.2 mm	112.6 mm	118 mm

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Approval and Application	
Energy Efficiency Label (EEL)	D
Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	230 V
Starting Time (Nom)	0.0 s
Warm Up Time To 60% Light (Nom)	instant full light
General Information	
Cap-Base	R7S
Nominal Lifetime (Nom)	2000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	2000 h
Switching Cycle	8000X
Luminaire Design Requirements	
Bulb Temperature (Max)	900 °C
Light Technical	
Correlated Colour Temperature (Nom)	2900 K
Colour Rendering Index (Nom)	100
Llmf At End Of Nominal Lifetime (Min)	80 %
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T11

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924572144210	Plusline 118mm 2y 400W R7s 230V 1BB	400 kWh
924587544220	Halogen 118MM 2Y 160W R7S 230V 1BC/10	160 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924572144210	Plusline 118mm 2y 400W R7s 230V 1BB	1.74 A	400.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924587544220	Halogen 118MM 2Y 160W R7S 230V 1BC/10	0.70 A	160.0 W

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		(Nom)	(Nom)	(Nom)
924572144210	Plusline 118mm 2y 400W R7s 230V 1BB	21.5 lm/W	8600 lm	8600 lm
924587544220	Halogen 118MM 2Y 160W R7S 230V 1BC/10	19.4 lm/W	3100 lm	3100 lm

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