



# 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

- Superior quality of light with excellent color rendering (Ra=100)
- Same size for direct replacement of existing halogen lamps
- Lifetime: 2000 hours
- Universal burning position

### Application

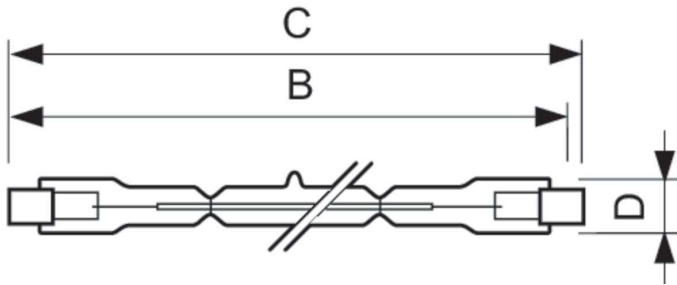
- General lighting in shops, restaurants, hotels, galleries, exhibitions and museums.  
Decorative outdoor: billboards, exhibitions and parking areas

# Plusline ES Small

## 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

### General Information

Cap-Base	R7s
Rated Lifetime (Hours)	2,000 hour(s)
Switching Cycle	8,000
Nominal lifetime	2,000 hour(s)
Operating Position	UNIVERSAL

### Light Technical

Correlated Color Temperature (Nom)	2900 K
Color rendering index (CRI)	100

### Operating and Electrical

Warm-up time to 60% light	instant full light s
Voltage (Nom)	230 V
Starting Time (Nom)	0.0 s

### Controls and Dimming

Dimmable	Yes
----------	-----

### Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T11

### Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
924572144210	Plusline 118mm 2y 400W R7s 230V 1BB	21.5 lm/W	8,600 lm
924587544220	Halogen 118MM 2Y 160W R7S 230V 1BC/10	19.4 lm/W	3,100 lm

## Operating and Electrical

## Plusline ES Small

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

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

### 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

