

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

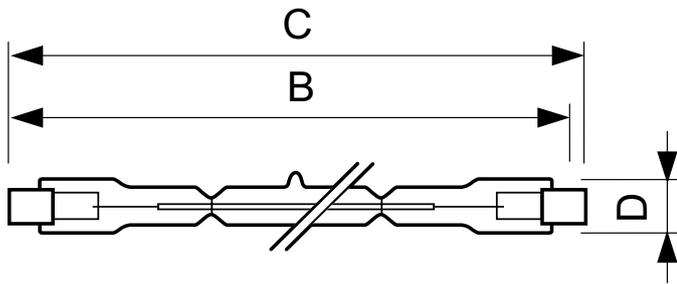
Plusline ES Small

Versions



R7s

Dimensional drawing



Product	D (max)	B (max)	B	B (min)	C (max)
Plusline 118mm 2y 120W R7s 230V 1BB	11 mm	115.8 mm	114.2 mm	112.6 mm	118 mm
Plusline 118mm 2y 240W R7s 230V 1BB	11 mm	115.8 mm	114.2 mm	112.6 mm	118 mm
Plusline 118mm 2y 160W R7s 230V 1BB	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
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Controls and Dimming

Dimmable	Yes
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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
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Light Technical

Correlated Color Temperature (Nom)	2900 K
Color 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
85380300	Plusline 118mm 2y 240W R7s 230V 1BB	240 kWh
85389600	Plusline 118mm 2y 400W R7s 230V 1BB	400 kWh
85216500	Plusline 118mm 2y 120W R7s 230V 1BB	120 kWh
85219600	Plusline 118mm 2y 160W R7s 230V 1BB	160 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
85380300	Plusline 118mm 2y 240W R7s 230V 1BB	1.04 A	240.0 W
85389600	Plusline 118mm 2y 400W R7s 230V 1BB	1.74 A	400.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
85216500	Plusline 118mm 2y 120W R7s 230V 1BB	0.52 A	120.0 W
85219600	Plusline 118mm 2y 160W R7s 230V 1BB	0.70 A	160.0 W

Light Technical

Order Code	Full Product Name	Luminous		
		Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
85380300	Plusline 118mm 2y 240W R7s 230V 1BB	20.4 lm/W	4900 lm	4900 lm
85389600	Plusline 118mm 2y 400W R7s 230V 1BB	21.5 lm/W	8600 lm	8600 lm

Order Code	Full Product Name	Luminous		
		Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
85216500	Plusline 118mm 2y 120W R7s 230V 1BB	18.5 lm/W	2220 lm	2220 lm
85219600	Plusline 118mm 2y 160W R7s 230V 1BB	19.4 lm/W	3100 lm	3100 lm

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