



# The new halogen linear – compact shape, crisp white light

## Plusline ES Compact

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

### 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 Compact

## Versions



R7s/18, T11

## Dimensional drawing



Product	D (max)	B (max)	B	B (min)	C (max)
Plusline 78mm 2y 48W R7s 230V 1BB	11 mm	76.5 mm	74.9 mm	73.3 mm	78 mm
Plusline 78mm 2y 80W R7s 230V 1BB	11 mm	76.5 mm	74.9 mm	73.3 mm	78 mm
Plusline 78mm 2y 120W R7s 230V 1BB	11 mm	76.5 mm	74.9 mm	73.3 mm	78 mm

# Plusline ES Compact

## 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
85231800	Plusline 78mm 2y 48W R7s 230V 1BB	48 kWh
85228800	Plusline 78mm 2y 80W R7s 230V 1BB	80 kWh
85223300	Plusline 78mm 2y 120W R7s 230V 1BB	120 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
85231800	Plusline 78mm 2y 48W R7s 230V 1BB	0.21 A	48.0 W
85228800	Plusline 78mm 2y 80W R7s 230V 1BB	0.35 A	80.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
85223300	Plusline 78mm 2y 120W R7s 230V 1BB	0.52 A	120 W

## Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
85231800	Plusline 78mm 2y 48W R7s 230V 1BB	15.6 lm/W	780 lm	750 lm
85228800	Plusline 78mm 2y 80W R7s 230V 1BB	17.5 lm/W	1415 lm	1415 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
85223300	Plusline 78mm 2y 120W R7s 230V 1BB	18.5 lm/W	2220 lm	2220 lm

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