



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
- $\boldsymbol{\cdot}$ Fully dimmable, from 0 to 100%, to meet different brightness requirements
- $\boldsymbol{\cdot}$ 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)	В	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
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 ℃
Links Tooksins	
Light Technical	2900 K
Correlated Color Temperature (Nom) Color Rendering Index (Nom)	100
Llmf At End Of Nominal Lifetime (Min)	80 %
Lin At Lin Of Normal Lifetime (Mill)	00 /0
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

		Lamp Current	Power (Rated)
Order Code	Full Product Name	(Nom)	(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

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

Light Technical

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

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

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