



# Mains-voltage linear R7S with very high light output

## CorePro LEDlinear MV

CorePro R7S is a retrofit replacement for traditional double-ended linear R7S lamps. Its 'light all around' design delivers light just like a halogen lamp. Within the range you can choose dimmable products which have deep dimming function that enables a cozy ambience when using a dimmable fixture.

### Benefits

- Up to 90% energy saving compared to standard halogen lamps
- Lower maintenance costs

### Features

- Easy retrofit
- Operates at 220–240 V AC and its form-factor is designed as a direct retrofit into all double ended holders
- Lifetime of 15,000 hours (B50L70)
- UV- and IR-free light
- Free of mercury and hazardous materials – RoHS compliant

### Application

- Living rooms, corridors, outdoor luminaires (security lighting), free floor-standing indoor luminaires, construction lighting

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## Versions

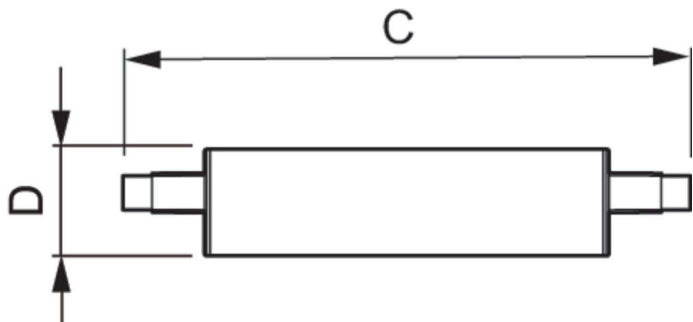


CorePro LEDlinear MV 120W R7S  
830 Linear

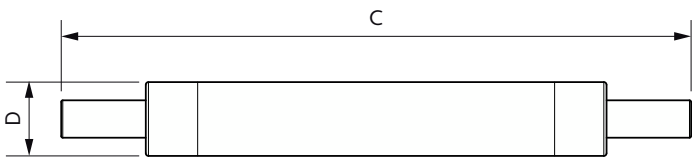


LEDlinear CorePro 7,2W R7S

## Dimensional drawing



Product	D	C
LED 14-120W R7S 118mm 830 D 1pk AU	29 mm	118 mm



Product	D	C
CorePro R7S 118mm 7.2-60W 830	15 mm	118 mm

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General Information	
Cap-Base	R7s
Nominal lifetime	15,000 hour(s)
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Color Code	830
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Linear

General Information

Order Code	Full Product Name	Rated Lifetime (Hours)	Switching Cycle
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	15,000 hour(s)	50,000
929002495002	CorePro R7S 118mm 7.2-60W 830	-	8,000

Light Technical

Order Code	Full Product Name	Luminous Flux
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	2,000 lm

Order Code	Full Product Name	Luminous Flux
929002495002	CorePro R7S 118mm 7.2-60W 830	810 lm

Operating and Electrical

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	-	14 W	120 W

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929002495002	CorePro R7S 118mm 7.2-60W 830	50 to 60 Hz	7.2 W	60 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	100 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002495002	CorePro R7S 118mm 7.2-60W 830	110 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	Only with specific dimmers

Order Code	Full Product Name	Dimmable
929002495002	CorePro R7S 118mm 7.2-60W 830	No

Approval and Application

Order Code	Full Product Name	Ambient	Energy Consumption
		temperature range	kWh/1000 h
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	-20 to +45 °C	14 kWh
929002495002	CorePro R7S 118mm 7.2-60W 830	-	8 kWh

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