



Mains-voltage linear R7S with very high light output

CorePro LED linear MV

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



LED Lamps, CorePro 118 mm R7S

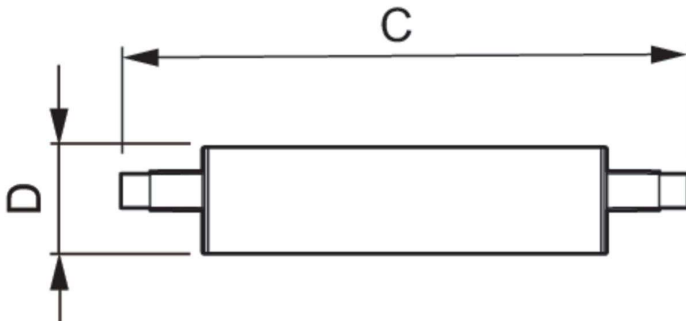


DTE310 3 x 10A Trailing Edge Dimmer Controller



CorePro LEDlinear MV 120W R7S 830 Linear

Dimensional drawing



Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm
CorePro R7S 118mm 14-100W 830 D	29 mm	118 mm
CorePro R7S 118mm 14-100W 840 D	29 mm	118 mm

General Information

Cap base	R7s
Switching Cycle	50,000
Nominal lifetime	15,000 h

Light Technical

Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical

Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	14 W
Starting time (nom.)	0.5 s

Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	R7S

Approval and Application

Ambient temperature range	-20°C to 45°C
Energy consumption kWh/1,000 hours	14 kWh

Light Technical

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Colour Code	Luminous Flux
929001243702	CorePro R7S 118mm 14-100W 830 D	3000 K	830	1,600 lm
929001243802	CorePro R7S 118mm 14-100W 840 D	4000 K	840	1,800 lm
929001353602	CorePro LED linear D 14-120W R7S 118 830	3000 K	830	2,000 lm

Operating and Electrical

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Order Code	Full Product Name	Wattage equivalent
929001243702	CorePro R7S 118mm 14-100W 830 D	100 W
929001243802	CorePro R7S 118mm 14-100W 840 D	100 W

Order Code	Full Product Name	Wattage equivalent
929001353602	CorePro LED linear D 14-120W R7S 118 830	120 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929001243702	CorePro R7S 118mm 14-100W 830 D	90 °C
929001243802	CorePro R7S 118mm 14-100W 840 D	90 °C
929001353602	CorePro LED linear D 14-120W R7S 118 830	100 °C

