



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 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



LED Lamps, CorePro 118 mm R7S



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 LED linear D 14-120W R7S 118 840	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 hour(s)
Light Technical	
Color 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
Mechanical and Housing	
Bulb Shape	Linear
Approval and Application	
Energy Consumption kWh/1000 h	14 kWh

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	3000 K	830	1,600 lm
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	4000 K	840	1,800 lm
71400300	CorePro LED linear D 14-120W R7S 118 830	3000 K	830	2,000 lm
71406500	CorePro LED linear D 14-120W R7S 118 840	4000 K	840	2,000 lm

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Order Code	Full Product Name	Wattage Equivalent
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	100 W	71400300	CorePro LED linear D 14-120W R7S 118 830	120 W
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	100 W	71406500	CorePro LED linear D 14-120W R7S 118 840	120 W

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Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	90 °C
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	90 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
71400300	CorePro LED linear D 14-120W R7S 118 830	100 °C
71406500	CorePro LED linear D 14-120W R7S 118 840	100 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	Only with specific dimmers
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	Only with specific dimmers
71400300	CorePro LED linear D 14-120W R7S 118 830	Yes
71406500	CorePro LED linear D 14-120W R7S 118 840	Yes

