



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

CorePro LEDlinear MV

Versions



Dimensional drawing

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Product	D	C
CorePro LED linear R7S 118mm 14-100W 830 D	29 mm	118 mm
CorePro LED linear R7S 118mm 14-100W 840 D	29 mm	118 mm
CorePro LED linear R7S 118mm 6.5-60W 830	22.5 mm	118 mm
CorePro LED linear D 14-120W R7S 118 840	29 mm	118 mm

Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

General Information

Cap-Base	R7S
Switching Cycle	50000X

Light Technical

Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	Linear
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	7 kWh	A++
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	14 kWh	A+
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	14 kWh	A++
71406500	CorePro LED linear D 14-120W R7S 118 840	14 kWh	A++

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	No	57881000	CorePro LED linear R7S 118mm 14-100W 840 D	Yes
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	Yes	71406500	CorePro LED linear D 14-120W R7S 118 840	Yes

Operating and Electrical

CorePro LEDlinear MV

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	60 W	6.5 W
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	100 W	14 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	100 W	14 W
71406500	CorePro LED linear D 14-120W R7S 118 840	120 W	14 W

General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	20000 h	20000 h
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	15000 h	15000 h

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	15000 h	15000 h
71406500	CorePro LED linear D 14-120W R7S 118 840	15000 h	15000 h

Light Technical (1/2)

Order Code	Full Product Name	Correlated			
		Beam Angle (Nom)	Colour Code	Temperature (Nom)	Light Distribution
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	300 °	830	3000 K	-
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-	830	3000 K	-

Order Code	Full Product Name	Correlated			
		Beam Angle (Nom)	Colour Code	Temperature (Nom)	Light Distribution
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-	841	4000 K	-
71406500	CorePro LED linear D 14-120W R7S 118 840	-	841	4000 K	-

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated)	Rated
				Beam Angle
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	806 lm	806 lm	300 °
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	1600 lm	1600 lm	-

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated)	Rated
				Beam Angle
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	1800 lm	1800 lm	-
71406500	CorePro LED linear D 14-120W R7S 118 840	2000 lm	2000 lm	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	Clear
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-

Order Code	Full Product Name	Bulb Finish
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-
71406500	CorePro LED linear D 14-120W R7S 118 840	-

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	-
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)
71406500	CorePro LED linear D 14-120W R7S 118 840	100 °C



