



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

CorePro LEDlinear MV

Versions



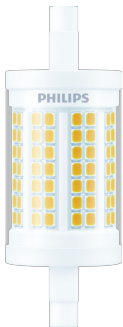
LED Lamps, CorePro 118 mm R7S



DTE310 3 x 10A Trailing Edge
Dimmer Controller



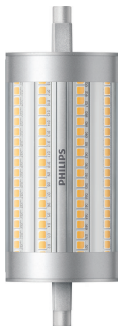
CorePro LEDlinear MV 120W R7S
830 Linear



LED 100W R7S 78mm WH ND
SRT4



LEDlinear CorePro 7,2W R7S



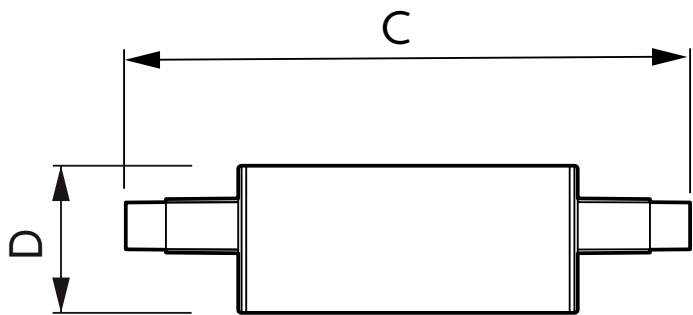
LEDspot R7S 230V



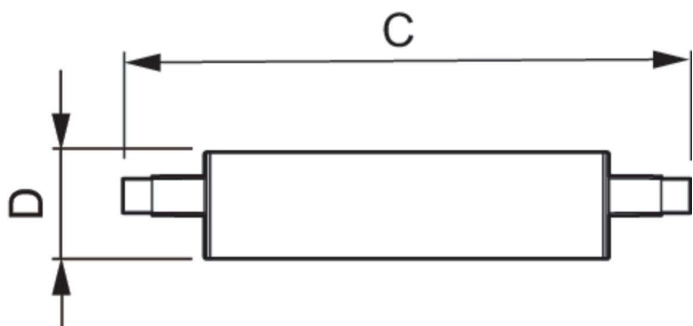
LEDlinear CorePro 7,2W R7S 1

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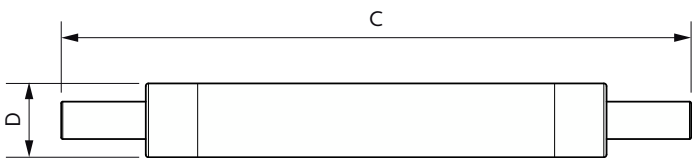
Dimensional drawing



Product	D	C
CorePro LEDlinear ND 7-60W R7S 78mm830	28 mm	78 mm
CorePro LEDlinear ND 7-60W R7S 78mm840	28 mm	78 mm
CorePro LEDlinearND 11.5-100W R7S78mm830	28 mm	78 mm



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
CoreProLED linearD 17.5-150W R7S 118 830	42 mm	118 mm
CoreProLED linearD 17.5-150W R7S 118 840	42 mm	118 mm



Product	D	C
CorePro R7S 118mm 7.2-60W 830	15 mm	118 mm
CorePro R7S 118mm 7.2-60W 840	15 mm	118 mm

General Information	
Cap-Base	R7s
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
Starting Time (Nom)	0.5 s

General Information

CorePro LEDlinear MV

Order Code	Full Product Name	Switching Cycle
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	50,000
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	50,000
71400300	CorePro LED linear D 14-120W R7S 118 830	50,000
71406500	CorePro LED linear D 14-120W R7S 118 840	50,000
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	50,000
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	8,000

Order Code	Full Product Name	Switching Cycle
64673800	CoreProLED linearD 17.5-150W R7S 118 830	50,000
64675200	CoreProLED linearD 17.5-150W R7S 118 840	50,000
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	50,000
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	50,000
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	8,000

Light Technical

Order Code	Full Product Name	Beam Angle	Correlated Color Temperature	Color Code	Luminous Flux
		(Nom)	(Nom)		
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
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	300 degree(s)	3000 K	830	1,521 lm
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	-	3000 K	830	810 lm

Order Code	Full Product Name	Beam Angle	Correlated Color Temperature	Color Code	Luminous Flux
		(Nom)	(Nom)		
64673800	CoreProLED linearD 17.5-150W R7S 118 830	-	3000 K	830	2,460 lm
64675200	CoreProLED linearD 17.5-150W R7S 118 840	-	4000 K	840	2,460 lm
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	300 degree(s)	3000 K	830	950 lm
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	300 degree(s)	4000 K	840	1,000 lm
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	-	4000 K	840	850 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	50 to 60 Hz	14 W	100 W
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	50 to 60 Hz	14 W	100 W
71400300	CorePro LED linear D 14-120W R7S 118 830	50 to 60 Hz	14 W	120 W
71406500	CorePro LED linear D 14-120W R7S 118 840	50 to 60 Hz	14 W	120 W
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	-	11.5 W	100 W
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	50 to 60 Hz	7.2 W	60 W

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent
64673800	CoreProLED linearD 17.5-150W R7S 118 830	50 to 60 Hz	17.5 W	150 W
64675200	CoreProLED linearD 17.5-150W R7S 118 840	50 to 60 Hz	17.5 W	150 W
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	-	7 W	60 W
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	-	7 W	60 W
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	50 to 60 Hz	7.2 W	60 W

Temperature

CorePro LEDlinear MV

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
71400300	CorePro LED linear D 14-120W R7S 118 830	100 °C
71406500	CorePro LED linear D 14-120W R7S 118 840	100 °C
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	104 °C
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	110 °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
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	No
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	No

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-	Linear
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-	Linear
71400300	CorePro LED linear D 14-120W R7S 118 830	-	Linear
71406500	CorePro LED linear D 14-120W R7S 118 840	-	Linear
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	Clear	R7S
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	Clear	Linear

Approval and Application

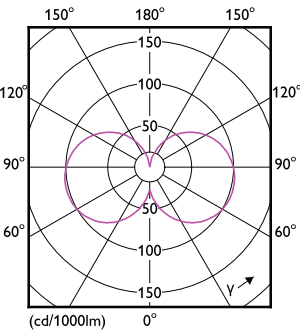
Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/ 1000 h
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-	14 kWh
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-	14 kWh
71400300	CorePro LED linear D 14-120W R7S 118 830	-	14 kWh
71406500	CorePro LED linear D 14-120W R7S 118 840	-	14 kWh
30199300	CorePro LEDlinearND 11.5-100W R7S78mm830	-20 to +45 °C	12 kWh
30397300	CorePro LED linear R7S 118mm 7.2-60W 830	-	8 kWh
64673800	CoreProLED linearD 17.5-150W R7S 118 830	-	18 kWh
64675200	CoreProLED linearD 17.5-150W R7S 118 840	-	18 kWh
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	-20 to +45 °C	7 kWh

Order Code	Full Product Name	T-Case Maximum (Nom)
64673800	CoreProLED linearD 17.5-150W R7S 118 830	102 °C
64675200	CoreProLED linearD 17.5-150W R7S 118 840	102 °C
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	88 °C
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	88 °C
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	110 °C

Order Code	Full Product Name	Dimmable
64673800	CoreProLED linearD 17.5-150W R7S 118 830	Only with specific dimmers
64675200	CoreProLED linearD 17.5-150W R7S 118 840	Only with specific dimmers
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	No
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	No
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	No

Order Code	Full Product Name	Bulb Finish	Bulb Shape
64673800	CoreProLED linearD 17.5-150W R7S 118 830	-	Linear
64675200	CoreProLED linearD 17.5-150W R7S 118 840	-	Linear
30193100	CorePro LEDlinear ND 7-60W R7S 78mm830	Clear	R7S
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	Clear	R7S
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	Clear	Linear

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/ 1000 h
30195500	CorePro LEDlinear ND 7-60W R7S 78mm840	-20 to +45 °C	7 kWh
30399700	CorePro LED linear R7S 118mm 7.2-60W 840	-	8 kWh



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