



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

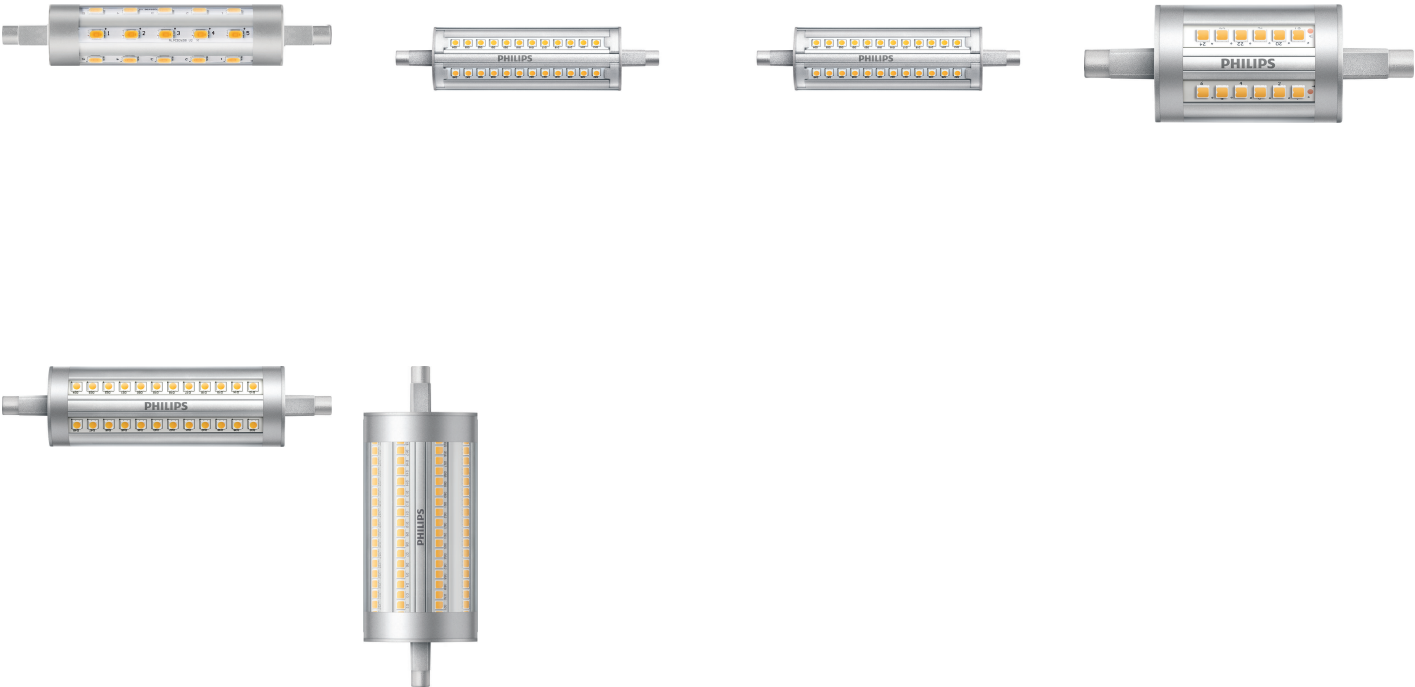
- Easy retrofit
- Operates at 220-240 V AC and its form-factor is designed as a direct retrofit into all double-ended holders
- Lifetime of 15,000 hours (B50L70)
- UV- and IR-free light
- Free of mercury and hazardous materials – RoHS compliant

Application

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

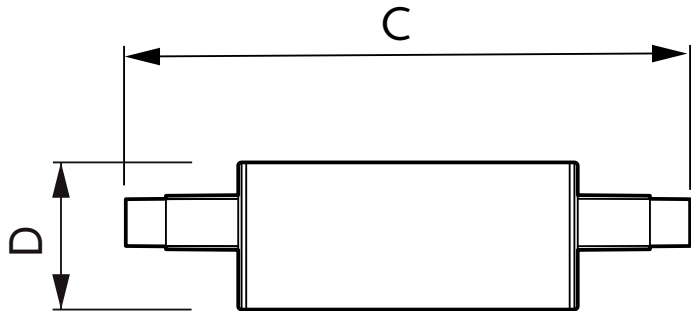
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Versions



Dimensional drawing

C



Product	D	C
CoreProLED linearD 17.5-150W R7S 118 840	42 mm	118 mm
CoreProLED linearD 17.5-150W R7S 118 830	42 mm	118 mm
CorePro LED linear R7S 118mm 6.5-60W 830	22.5 mm	118 mm
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm
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 D 14-120W R7S 118 840	29 mm	118 mm

Product	D	C
CorePro LEDlinear ND 7.5-60W R7S 78mm830	29 mm	78 mm
CorePro LEDlinear ND 7.5-60W R7S 78mm840	29 mm	78 mm

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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 %

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++
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	8 kWh	A++
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	8 kWh	A++

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Energy Efficiency Label (EEL)
71400300	CorePro LED linear D 14-120W R7S 118 830	14 kWh	A++
71406500	CorePro LED linear D 14-120W R7S 118 840	14 kWh	A++
64673800	CoreProLED linearD 17.5-150W R7S 118 830	18 kWh	A++
64675200	CoreProLED linearD 17.5-150W R7S 118 840	18 kWh	A++

Controls and Dimming

Order Code	Full Product Name	Dimmable
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	no
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	Yes
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	Yes
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	No
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	No

Order Code	Full Product Name	Dimmable
71400300	CorePro LED linear D 14-120W R7S 118 830	Yes
71406500	CorePro LED linear D 14-120W R7S 118 840	Yes
64673800	CoreProLED linearD 17.5-150W R7S 118 830	Yes
64675200	CoreProLED linearD 17.5-150W R7S 118 840	Yes

Operating and Electrical

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
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	100 W	14 W
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	60 W	7.5 W
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	60 W	7.5 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
71400300	CorePro LED linear D 14-120W R7S 118 830	120 W	14 W
71406500	CorePro LED linear D 14-120W R7S 118 840	120 W	14 W
64673800	CoreProLED linearD 17.5-150W R7S 118 830	150 W	17.5 W
64675200	CoreProLED linearD 17.5-150W R7S 118 840	150 W	17.5 W

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General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	20000 h
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	15000 h
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	15000 h
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	15000 h
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	15000 h

Order Code	Full Product Name	Nominal Lifetime (Nom)
71400300	CorePro LED linear D 14-120W R7S 118 830	15000 h
71406500	CorePro LED linear D 14-120W R7S 118 840	15000 h
64673800	CoreProLED linearD 17.5-150W R7S 118 830	15000 h
64675200	CoreProLED linearD 17.5-150W R7S 118 840	15000 h

Light Technical

Order Code	Full Product Name	Beam	Correlated		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)	
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	300 °	830	3000 K	806 lm
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-	830	3000 K	1600 lm
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-	840	4000 K	1800 lm
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	830	3000 K	950 lm

Order Code	Full Product Name	Beam	Correlated		Luminous Flux (Nom)
		Angle (Nom)	Colour Code	Temperature (Nom)	
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	840	4000 K	1000 lm
71400300	CorePro LED linear D 14-120W R7S 118 830	-	830	3000 K	2000 lm
71406500	CorePro LED linear D 14-120W R7S 118 840	-	840	4000 K	2000 lm
64673800	CoreProLED linearD 17.5-150W R7S 118 830	-	830	3000 K	2460 lm
64675200	CoreProLED linearD 17.5-150W R7S 118 840	-	840	4000 K	2460 lm

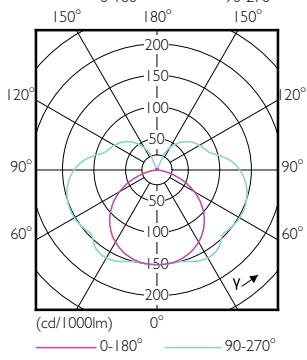
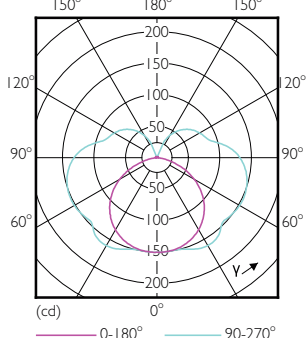
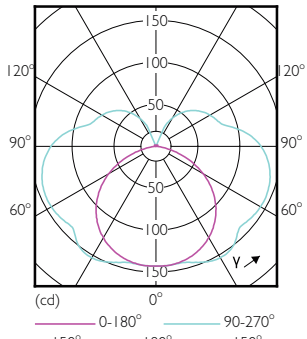
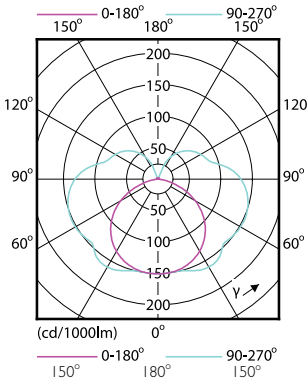
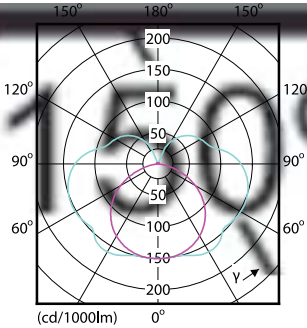
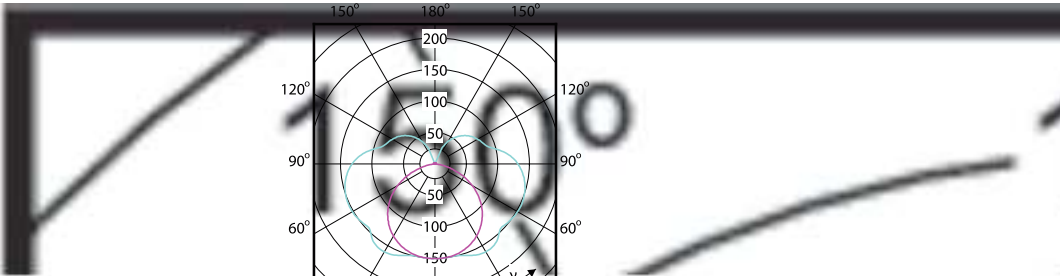
Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	Clear	Linear
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	-	Linear
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	-	Linear
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	Others
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	Others

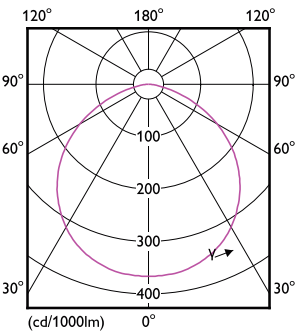
Order Code	Full Product Name	Bulb Finish	Bulb Shape
71400300	CorePro LED linear D 14-120W R7S 118 830	-	Linear
71406500	CorePro LED linear D 14-120W R7S 118 840	-	Linear
64673800	CoreProLED linearD 17.5-150W R7S 118 830	-	Linear
64675200	CoreProLED linearD 17.5-150W R7S 118 840	-	Linear

Temperature

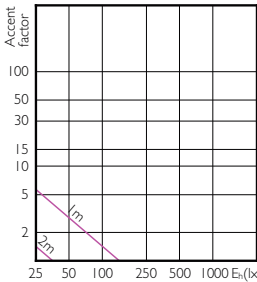
Order Code	Full Product Name	T-Case Maximum (Nom)
52253000	CorePro LED linear R7S 118mm 6.5-60W 830	-
57879700	CorePro LED linear R7S 118mm 14-100W 830 D	90 °C
57881000	CorePro LED linear R7S 118mm 14-100W 840 D	90 °C
71394500	CorePro LEDlinear ND 7.5-60W R7S 78mm830	104 °C
71396900	CorePro LEDlinear ND 7.5-60W R7S 78mm840	104 °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
64673800	CoreProLED linearD 17.5-150W R7S 118 830	102 °C
64675200	CoreProLED linearD 17.5-150W R7S 118 840	102 °C



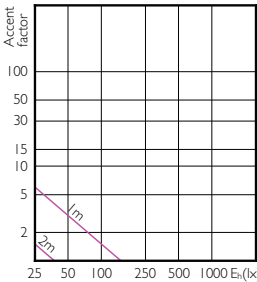
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Accent Diagrams

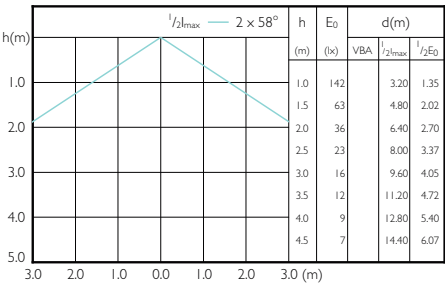


CorePro LEDlinear MV 60W R7S 830 Linear

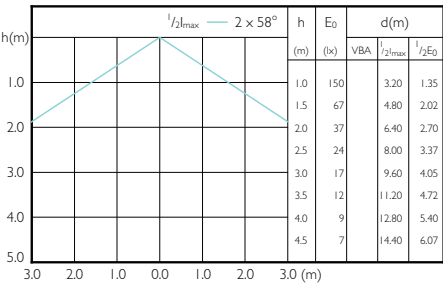


CorePro LEDlinear MV 60W R7S 840 Linear

Beam Diagrams



CorePro LEDlinear MV 60W R7S 830 Linear



CorePro LEDlinear MV 60W R7S 840 Linear

