



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. The deep dimming function enables a cozy ambience when using a dimmable fixture.

Benefits

- Up to 90% energy saving compared to standard halogen lamps
- Lower maintenance costs
- Highly focused beam for a clearly defined beam spread

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



R7S CL

R7S Linear

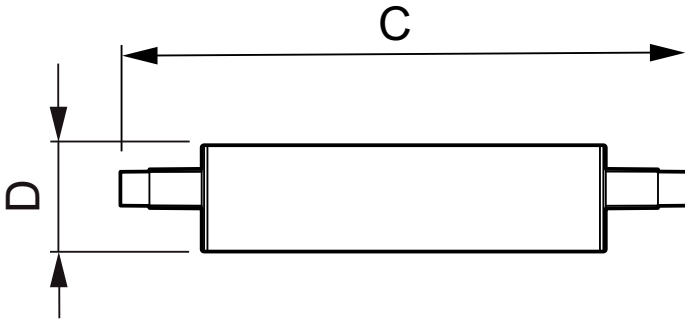
R7S Linear

R7S Others

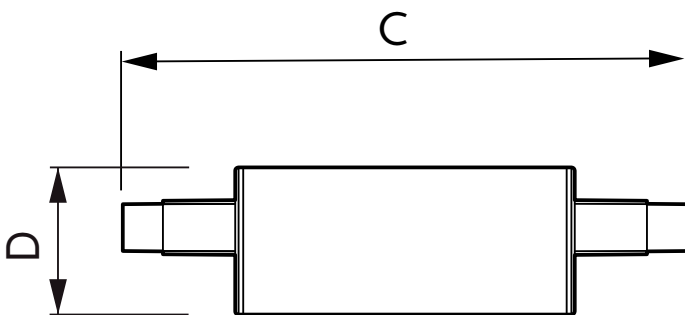


R7S Linear

Dimensional drawing



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

CorePro LEDlinear MV

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

Color Rendering Index (Nom)	80
Lmf At End Of Nominal Lifetime (Nom)	70 %

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	7 kWh	A++
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	14 kWh	A+
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	14 kWh	A++
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	8 kWh	A++

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	8 kWh	A++
929001353602	CorePro LED linear D 14-120W R7S 118 830	14 kWh	A++
929001353702	CorePro LED linear D 14-120W R7S 118 840	14 kWh	A++

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	No
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	Yes
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	Yes
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	No

Order Code	Full Product Name	Dimmable
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	No
929001353602	CorePro LED linear D 14-120W R7S 118 830	Yes
929001353702	CorePro LED linear D 14-120W R7S 118 840	Yes

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	60 W	6.5 W
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	100 W	14 W
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	100 W	14 W
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	60 W	7.5 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	60 W	7.5 W
929001353602	CorePro LED linear D 14-120W R7S 118 830	120 W	14 W
929001353702	CorePro LED linear D 14-120W R7S 118 840	120 W	14 W

General Information

CorePro LEDlinear MV

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	20000 h	20000 h
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	15000 h	15000 h
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	15000 h	15000 h
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	15000 h	15000 h

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	15000 h	15000 h
929001353602	CorePro LED linear D 14-120W R7S 118 830	15000 h	15000 h
929001353702	CorePro LED linear D 14-120W R7S 118 840	15000 h	15000 h

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		Light Distribution	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Rated Beam Angle
			Color Code	Temperature (Nom)				
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	300 °	830	3000 K	-	806 lm	806 lm	300 °
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	-	830	3000 K	-	1600 lm	1600 lm	-
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	-	840	4000 K	-	1800 lm	1800 lm	-
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	830	3000 K	-	950 lm	950 lm	-
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	840	4000 K	-	1000 lm	1000 lm	-
929001353602	CorePro LED linear D 14-120W R7S 118 830	-	830	3000 K	-	2000 lm	2000 lm	-
929001353702	CorePro LED linear D 14-120W R7S 118 840	-	840	4000 K	-	2000 lm	2000 lm	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	Clear	Linear
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	-	Linear
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	-	Linear
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	Others

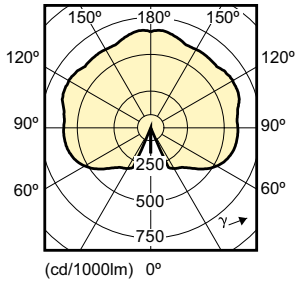
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	Others
929001353602	CorePro LED linear D 14-120W R7S 118 830	-	Linear
929001353702	CorePro LED linear D 14-120W R7S 118 840	-	Linear

Temperature

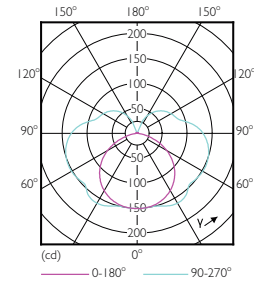
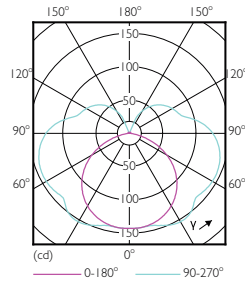
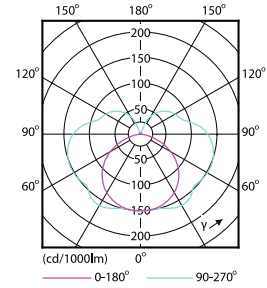
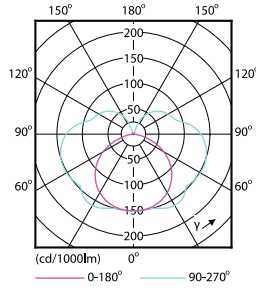
Order Code	Full Product Name	T-Case Maximum (Nom)
929001186102	CorePro LED linear R7S 118mm 6.5-60W 830	-
929001243702	CorePro LED linear R7S 118mm 14-100W 830 D	90 °C
929001243802	CorePro LED linear R7S 118mm 14-100W 840 D	90 °C
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	104 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	104 °C
929001353602	CorePro LED linear D 14-120W R7S 118 830	100 °C
929001353702	CorePro LED linear D 14-120W R7S 118 840	100 °C

Light Distribution Diagrams

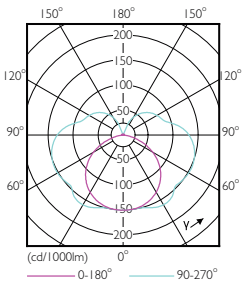


6.5-60 W R7S /830 300D



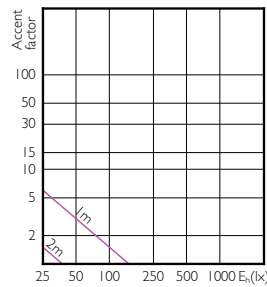
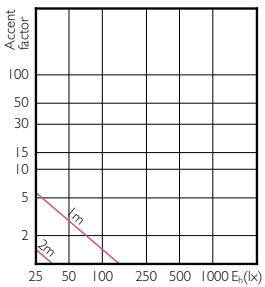
CorePro LEDlinear MV 60W R7S 830 Linear

CorePro LEDlinear MV 60W R7S 840 Linear



CorePro LEDlinear MV 14-120W R7S 830 D

Accent Diagrams



Beam Diagrams

