# **PHILIPS** Lighting



# 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

- $\cdot$  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)
- $\cdot$  UV- and IR-free light
- $\cdot$  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

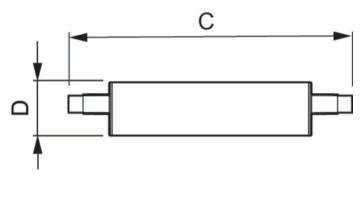


CorePro LEDlinear MV 120W R7S 830 Linear



LEDlinear CorePro 7,2W R7S

# Dimensional drawing



Product	D	С
LED 14-120W R7S 118mm 830 D 1pk AU	29 mm	118 mm

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

# CorePro LEDlinear MV

General Information	
Cap-Base	R7s
Nominal lifetime	15,000 hour(s)
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Color Code	830
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Linear
Buto Shape	Linedi

#### **General Information**

Order Code	Full Product Name	Rated Lifetime (Hours)	Switching Cycle
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	15,000 hour(s)	50,000
929002495002	CorePro R7S 118mm 7.2-60W 830	-	8,000

# Light Technical

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	2,000 lm	929002495002	CorePro R7S 118mm 7.2-60W 830	810 lm

#### **Operating and Electrical**

		Line	Power	Wattage			Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent	Order Code	Full Product Name	Frequency	Consumption	Equivalent
929001353679	LED 14-120W R7S	-	14 W	120 W	929002495002	CorePro R7S	50 to 60 Hz	7.2 W	60 W
	118mm 830 D 1pk					118mm 7.2-60W			
	AU					830			

#### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	100 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002495002	CorePro R7S 118mm 7.2-60W 830	110 °C

# Controls and Dimming

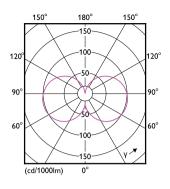
Order Code	Full Product Name	Dimmable
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	Only with specific dimmers

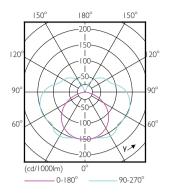
Order Code	Full Product Name	Dimmable
929002495002	CorePro R7S 118mm 7.2-60W 830	No

#### Approval and Application

		Ambient	Energy Consumption
Order Code	Full Product Name	temperature range	kWh/1000 h
929001353679	LED 14-120W R7S	-20 to +45 °C	14 kWh
	118mm 830 D 1pk AU		
929002495002	CorePro R7S 118mm	-	8 kWh
	7.2-60W 830		

# CorePro LEDlinear MV







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