



# 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



LED Lamps, CorePro 118 mm R7S

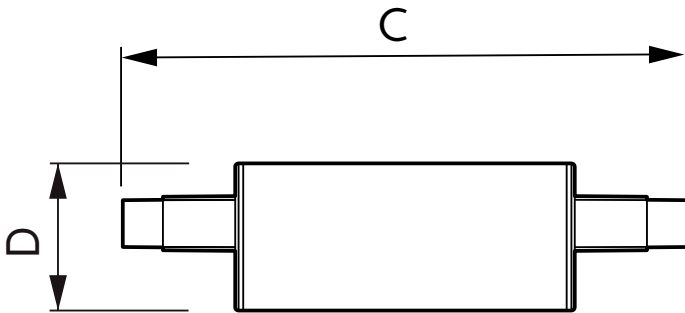


LEDlinear CorePro 7,2W R7S



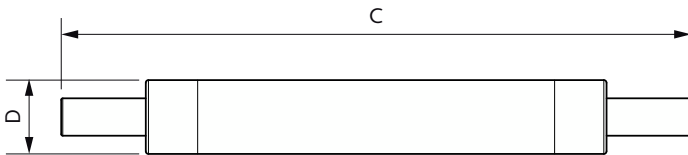
LEDlinear CorePro 7,2W R7S 1

## Dimensional drawing



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
LED 60W R7S 78mm WH RF ND SRT4		
LED 7.5-60W R7S 78mm 830 ND 1pk AU	29 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
LED 14-120W R7S 118mm 830 D 1pk AU	29 mm	118 mm
LED 17.5-150W R7S 118mm 830 D 1pk AU	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

# CorePro LEDlinear MV

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

Order Code	Full Product Name	Rated Lifetime (Hours)	Switching Cycle
929001243702	CorePro R7S 118mm 14-100W 830 D	-	50,000
929001243802	CorePro R7S 118mm 14-100W 840 D	-	50,000
929001353602	CorePro LED linear D 14-120W R7S 118 830	-	50,000
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	15,000 hour(s)	50,000
929001353702	CorePro LED linear D 14-120W R7S 118 840	-	50,000
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	50,000
929001339003	LED 60W R7S 78mm WH RF ND SRT4	15,000 hour(s)	50,000

Order Code	Full Product Name	Rated Lifetime (Hours)	Switching Cycle
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	15,000 hour(s)	50,000
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	50,000
929002495002	CorePro R7S 118mm 7.2-60W 830	-	8,000
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	-	50,000
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	15,000 hour(s)	50,000
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	-	50,000
929002495102	CorePro R7S 118mm 7.2-60W 840	-	8,000

## Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001243702	CorePro R7S 118mm 14-100W 830 D	3000 K	830	1,600 lm
929001243802	CorePro R7S 118mm 14-100W 840 D	4000 K	840	1,800 lm
929001353602	CorePro LED linear D 14-120W R7S 118 830	3000 K	830	2,000 lm
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	3000 K	830	2,000 lm
929001353702	CorePro LED linear D 14-120W R7S 118 840	4000 K	840	2,000 lm
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	3000 K	830	950 lm
929001339003	LED 60W R7S 78mm WH RF ND SRT4	3000 K	830	950 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	3000 K	830	950 lm
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	4000 K	840	1,000 lm
929002495002	CorePro R7S 118mm 7.2-60W 830	3000 K	830	810 lm
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	3000 K	830	2,460 lm
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	3000 K	830	2,460 lm
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	4000 K	840	2,460 lm
929002495102	CorePro R7S 118mm 7.2-60W 840	4000 K	840	850 lm

## Operating and Electrical

## CorePro LEDlinear MV

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929001243702	CorePro R7S 118mm 14-100W 830 D	50 to 60 Hz	14 W	100 W
929001243802	CorePro R7S 118mm 14-100W 840 D	50 to 60 Hz	14 W	100 W
929001353602	CorePro LED linear D 14-120W R7S 118 830	50 to 60 Hz	14 W	120 W
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	-	14 W	120 W
929001353702	CorePro LED linear D 14-120W R7S 118 840	50 to 60 Hz	14 W	120 W
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	50 to 60 Hz	7.5 W	60 W
929001339003	LED 60W R7S 78mm WH RF ND SRT4	-	7.5 W	60 W
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	-	7.5 W	60 W

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	50 to 60 Hz	7.5 W	60 W
929002495002	CorePro R7S 118mm 7.2-60W 830	50 to 60 Hz	7.2 W	60 W
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	50 to 60 Hz	17.5 W	150 W
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	-	17.5 W	150 W
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	50 to 60 Hz	17.5 W	150 W
929002495102	CorePro R7S 118mm 7.2-60W 840	50 to 60 Hz	7.2 W	60 W

### Temperature

Order Code	Full Product Name	Ambient	T-Case
		temperature range	Maximum (Nom)
929001243702	CorePro R7S 118mm 14-100W 830 D	-	90 °C
929001243802	CorePro R7S 118mm 14-100W 840 D	-	90 °C
929001353602	CorePro LED linear D 14-120W R7S 118 830	-	100 °C
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	-20 to +45 °C	100 °C
929001353702	CorePro LED linear D 14-120W R7S 118 840	-	100 °C
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	104 °C
929001339003	LED 60W R7S 78mm WH RF ND SRT4	-20 to +45 °C	104 °C

Order Code	Full Product Name	Ambient	T-Case
		temperature range	Maximum (Nom)
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	-20 to +45 °C	104 °C
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	104 °C
929002495002	CorePro R7S 118mm 7.2-60W 830	-	110 °C
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	-	102 °C
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	-20 to +45 °C	102 °C
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	-	102 °C
929002495102	CorePro R7S 118mm 7.2-60W 840	-	110 °C

### Controls and Dimming

Order Code	Full Product Name	Dimmable
929001243702	CorePro R7S 118mm 14-100W 830 D	Only with specific dimmers
929001243802	CorePro R7S 118mm 14-100W 840 D	Only with specific dimmers
929001353602	CorePro LED linear D 14-120W R7S 118 830	Yes
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	Only with specific dimmers
929001353702	CorePro LED linear D 14-120W R7S 118 840	Yes

Order Code	Full Product Name	Dimmable
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	No
929001339003	LED 60W R7S 78mm WH RF ND SRT4	No
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	No
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	No
929002495002	CorePro R7S 118mm 7.2-60W 830	No
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	Only with specific dimmers

# CorePro LEDlinear MV

Order Code	Full Product Name	Dimmable
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	Only with specific dimmers
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	Only with specific dimmers

Order Code	Full Product Name	Dimmable
929002495102	CorePro R7S 118mm 7.2-60W 840	No

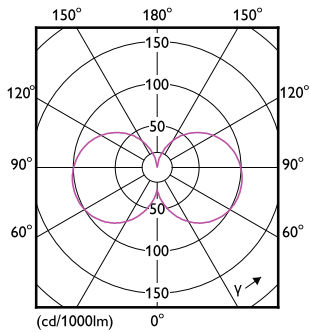
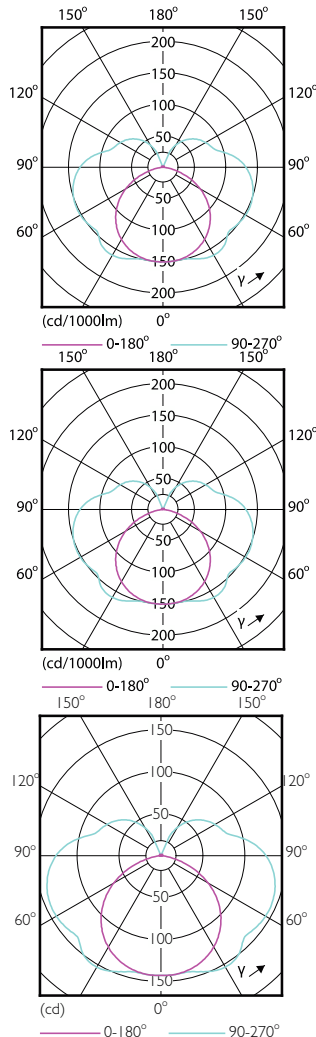
## Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001243702	CorePro R7S 118mm 14-100W 830 D	-	Linear
929001243802	CorePro R7S 118mm 14-100W 840 D	-	Linear
929001353602	CorePro LED linear D 14-120W R7S 118 830	-	Linear
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	Clear	Linear
929001353702	CorePro LED linear D 14-120W R7S 118 840	-	Linear
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	-	Others
929001339003	LED 60W R7S 78mm WH RF ND SRT4	Clear	Linear

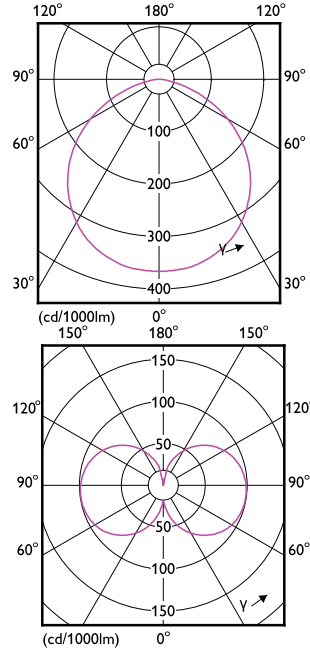
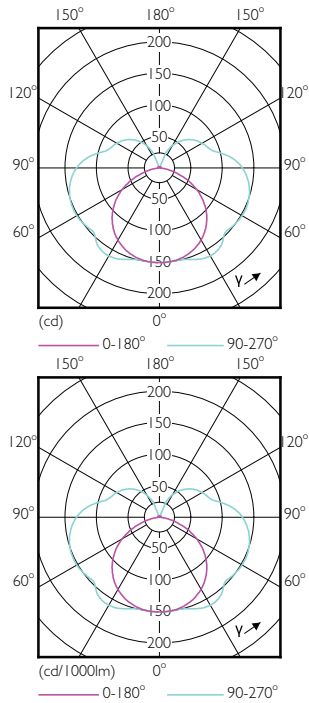
Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	Clear	Linear
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	-	Others
929002495002	CorePro R7S 118mm 7.2-60W 830	Clear	Linear
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	-	Linear
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	Clear	Linear
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	-	Linear
929002495102	CorePro R7S 118mm 7.2-60W 840	Clear	Linear

## Approval and Application

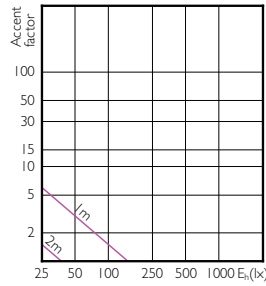
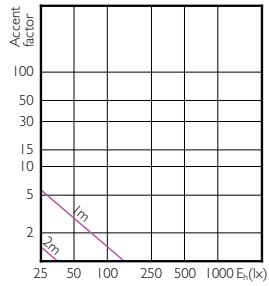
Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001243702	CorePro R7S 118mm 14-100W 830 D	14 kWh
929001243802	CorePro R7S 118mm 14-100W 840 D	14 kWh
929001353602	CorePro LED linear D 14-120W R7S 118 830	14 kWh
929001353679	LED 14-120W R7S 118mm 830 D 1pk AU	14 kWh
929001353702	CorePro LED linear D 14-120W R7S 118 840	14 kWh
929001339002	CorePro LEDlinear ND 7.5-60W R7S 78mm830	8 kWh
929001339003	LED 60W R7S 78mm WH RF ND SRT4	8 kWh
929001339079	LED 7.5-60W R7S 78mm 830 ND 1pk AU	8 kWh
929001339102	CorePro LEDlinear ND 7.5-60W R7S 78mm840	8 kWh
929002495002	CorePro R7S 118mm 7.2-60W 830	8 kWh
929002016602	CoreProLED linearD 17.5-150W R7S 118 830	18 kWh
929002016679	LED 17.5-150W R7S 118mm 830 D 1pk AU	18 kWh
929002016702	CoreProLED linearD 17.5-150W R7S 118 840	18 kWh
929002495102	CorePro R7S 118mm 7.2-60W 840	8 kWh



# CorePro LEDlinear MV



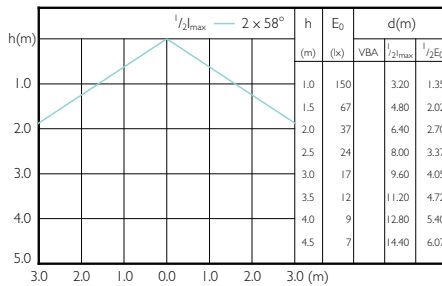
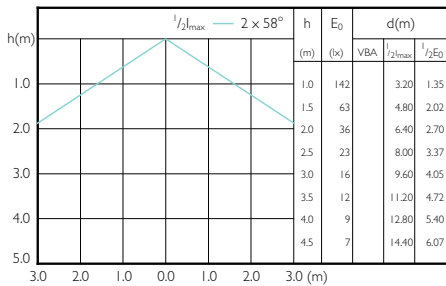
## Accent Diagrams



Accent Diagram - LED 60W R7S 78mm WH RF ND SRT4

Accent Diagram - CorePro LEDlinear ND 7.5-60W R7S 78mm840

## Beam Diagrams



Beam diagram - LED 60W R7S 78mm WH RF ND SRT4

Beam diagram - CorePro LEDlinear ND 7.5-60W R7S 78mm840

