



# CorePro LED linear MV



## CorePro R7S 118mm 14-100W 830 D

CorePro, LEDspot, R7S, 100 W, R7s, 3000 K, 1600 lm, CRI 80, 15000 h, Plastic

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.

### Product data

General Information		LLMF at end of nominal lifetime (nom.)	
Cap base	R7s		70 %
Nominal lifetime	15,000 h	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDspot	Input frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	14 W
Warranty period	2 years	Lamp current (nom.)	74 mA
Light Technical		Wattage equivalent	100 W
Colour Code	830 [CCT of 3000K]	Starting time (nom.)	0.5 s
Luminous Flux	1,600 lm	Warm-up time to 60% light	0.5 s
Colour designation	White (WH)	Power Factor (Fraction)	0.8
Correlated Colour Temperature (Nom)	3000 K	Voltage (nom.)	220-240 V
Luminous efficacy (rated) (nom.)	114.29 lm/W	Temperature	
Colour consistency	<6	T-Case maximum (nom.)	90 °C
Colour rendering index (CRI)	80		

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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Lamp Finish	Clear
Bulb material	Plastic
Bulb shape	R7S
Net Weight (Piece)	0.095 kg

## Approval and Application

Energy Efficiency Class	E
Energy-saving product	Yes
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	14 kWh
EPREL Registration Number	465216
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1

Stroboscopic effect	0.4
Ambient temperature range	-20°C to 45°C

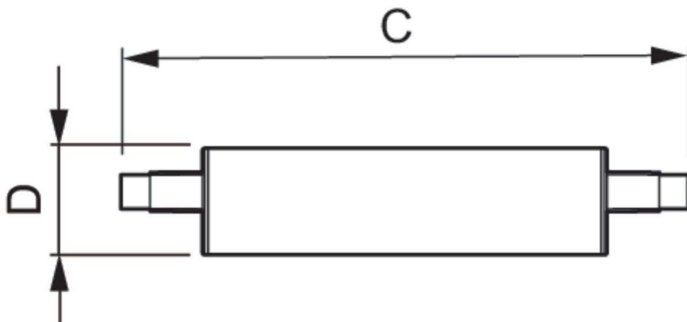
## Application Conditions

Can it be used in closed luminaires	No
Wireless Technology	Not applicable

## Product Data

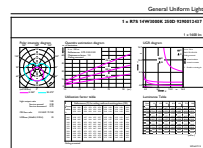
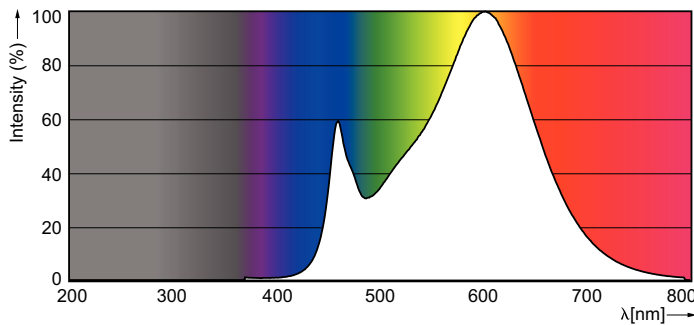
Order product name	CorePro R7S 118mm 14-100W 830 D
Full product name	CorePro R7S 118mm 14-100W 830 D
Full EOC	871869657879700
Order code	929001243702
Material no. (12 NC)	929001243702
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696578797
Numerator – packs per outer box	10
EAN/UPC - Case	8718696578803

## Dimensional drawing



Product	D	C
CorePro R7S 118mm 14-100W 830 D	29 mm	118 mm

## Photometric data



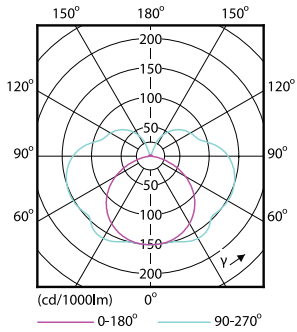
General uniform lighting - CorePro R7S 118mm 14-100W 830 D

Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 830 D

General uniform lighting - CorePro R7S 118mm 14-100W 830 D

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## Photometric data



Light Distribution Diagram - CorePro R7S 118mm 14-100W 830 D

