



# **CorePro LEDlinear MV**



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

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.

#### **Product data**

General Information		
Cap-Base	R7s	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
Light Technical		
Color Code	830 [CCT of 3000K]	
Luminous Flux	1,600 lm	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	114.29 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	14 W	
Lamp Current (Nom)	74 mA	
Wattage Equivalent	100 W	

Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	90 ℃
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Shape	Linear
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/1000 h	14 kWh
EPREL Registration Number	465216
CE mark	Yes
EU RoHS compliant	Yes

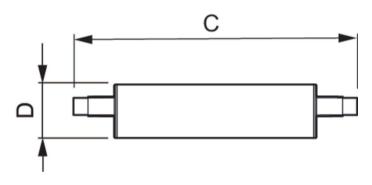
Datasheet, 2025, June 16 data subject to change

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EyeComfort	Yes	
Flickering value (PstLM) - Flickering value as per	1	
EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.4	
Application Conditions		
can it be used in closed luminaires	No	
Product Data		
Order product name	CorePro R7S 118mm 14-100W 830 D	

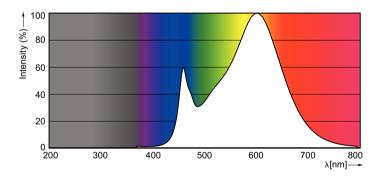
Full product name	CorePro R7S 118mm 14-100W 830 D
Full product code	871869657879700
Order code	929001243702
Material Nr. (12NC)	929001243702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578797
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696578803

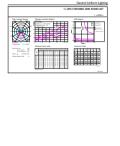
## Dimensional drawing



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

#### Photometric data



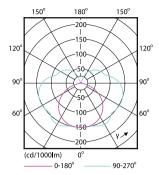


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 830 D

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



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