



# **CorePro LEDlinear MV**



### CorePro LED linear R7S 118mm 14-100W 840 D

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	
Cap base	R7s
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux	1,800 lm
Luminous efficacy (rated) (nom.)	128.57 lm/W
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4
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 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	Linear
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	465217
CE mark	Yes

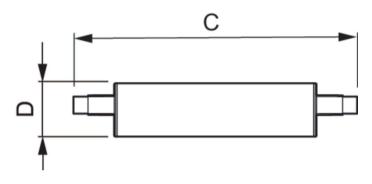
Datasheet, 2023, April 16 data subject to change

# CorePro LEDlinear MV

EU RoHS compliant	Yes	
EyeComfort	Yes	
Application Conditions		
Can it be used in closed luminaires	No	
Product Data		
Order product name	CorePro R7S 118mm 14-100W 840 D	
Full product name	CorePro LED linear R7S 118mm 14-100W 840 D	
Full EOC	871869657881000	

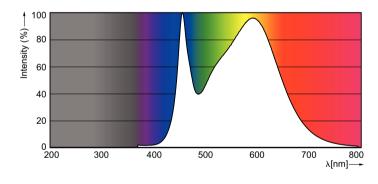
Order code	57881000
Material no. (12 NC)	929001243802
Numerator – quantity per pack	1
Net Weight (Piece)	0.095 kg
EAN/UPC — Product/Case	8718696578810
Numerator – packs per outer box	10
EAN/UPC - Case	8718696578827

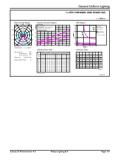
# Dimensional drawing



Product	D	С
CorePro R7S 118mm 14-100W 840 D	29 mm	118 mm

### Photometric data



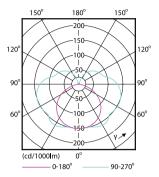


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 840 D

General uniform lighting - CorePro R7S 118mm 14-100W 840 D

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#### Photometric data



Light Distribution Diagram - CorePro R7S 118mm 14-100W 840 D



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