# Lighting

**PHILIPS** 



## **CorePro LEDlinear MV**

### CorePro R7S 118mm 7.2-60W 840

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	8,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	850 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz

7.2 W

40 mA

Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	110 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Linear
Net Weight (Piece)	0.016 kg
Approval and Application	
Energy Efficiency Class	E
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	624211
CE mark	Yes

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**Power Consumption** 

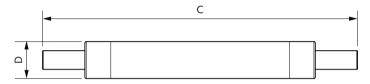
Lamp Current (Nom)

#### CorePro LEDlinear MV

EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN	1
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 7.2-60W 840

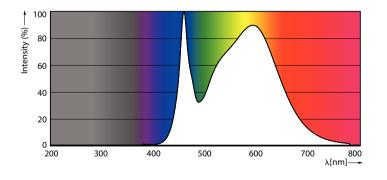
Full product name	CorePro R7S 118mm 7.2-60W 840	
Full product code	871951430399700	
Order code	929002495102	
Material Nr. (12NC)	929002495102	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514303997	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8719514304000	

#### Dimensional drawing



Product	D	с
CorePro R7S 118mm 7.2-60W 840	15 mm	118 mm

#### Photometric data



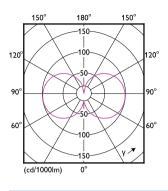
Spectral Power Distribution Colour - CorePro R7S 118mm 7.2-60W 840

1 x 9290824851 4890K 7.2W
1.6916

General uniform lighting - CorePro R7S 118mm 7.2-60W 840

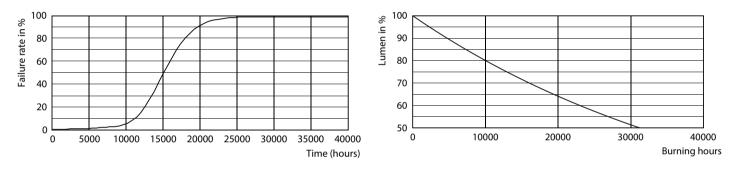
#### CorePro LEDlinear MV

#### Photometric data



Light Distribution Diagram - CorePro R7S 118mm 7.2-60W 840

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro R7S 118mm 7.2-60W 840



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