CorePro LED linear MV

CorePro LED linear D 14-120W R7S 118 840

CorePro, LED, R7S, 120 W, R7s, 4000 K, 2000 lm, CRI 80, 15000 h

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
Warranty period	2 years

Light Technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux	2,000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	142.86 lm/W
Colour consistency	<6
Colour 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.)	75 mA
Wattage equivalent	120 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.)	100 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

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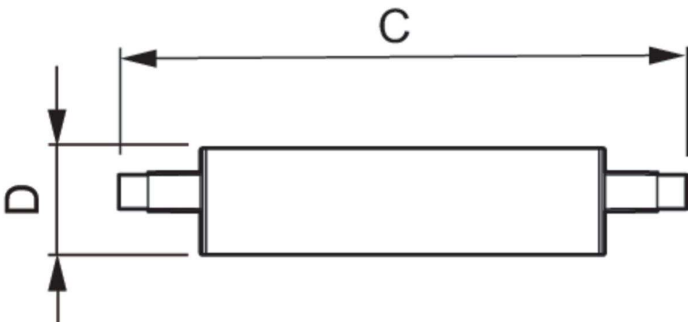
Mechanical and Housing	
Bulb shape	R7S
Net Weight (Piece)	0.095 kg

Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	14 kWh
EPREL Registration Number	397583
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

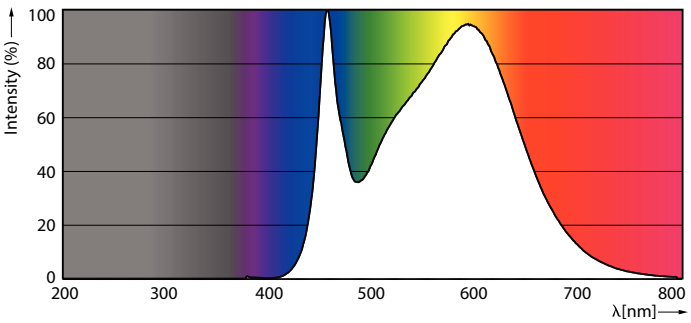
Product Data	
Order product name	CorePro LED linear D 14-120W R7S 118 840
Full product name	CorePro LED linear D 14-120W R7S 118 840
Full EOC	871869671406500
Order code	71406500
Material no. (12 NC)	929001353702
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696714065
Numerator – packs per outer box	10
EAN/UPC - Case	8718696714072

Dimensional drawing

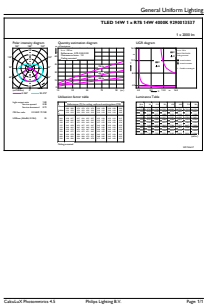


Product	D	C
CorePro LED linear D 14-120W R7S 118 840	29 mm	118 mm

Photometric data



Spectral Power Distribution Colour - CorePro LED linear D 14-120W R7S 118 840



General uniform lighting - CorePro LED linear D 14-120W R7S 118 840

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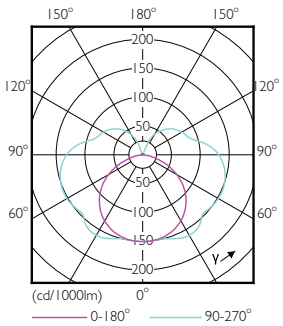
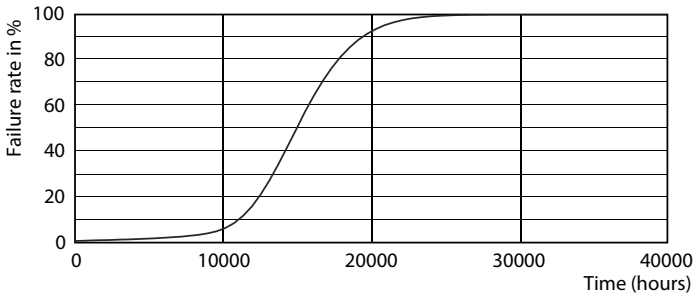
Photometric data

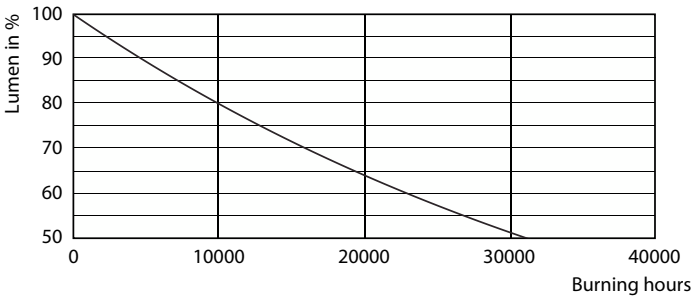


Light Distribution Diagram - CorePro LED linear D 14-120W R7S 118 840

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LED linear D 14-120W R7S 118 840

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