

CorePro LED linear MV



CorePro LED linear D 14-120W R7S 118 840

CorePro, LEDspot, R7S, 120 W, R7s, 4000 K, 2000 lm, CRI 80, 15000 hour(s), Plastic

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		Operating and Electrical	
Cap-Base	R7s	Line Frequency	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	14 W
Lighting Technology	LEDspot	Lamp Current (Nom)	75 mA
Warranty period	2 years	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
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	100 °C
Luminous Flux	2,000 lm		
Color Designation	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Only with specific dimmers
Luminous Efficacy (rated) (Nom)	142.86 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	R7S
Net Weight (Piece)	0.095 kg

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	14 kWh
EPREL Registration Number	397583
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C

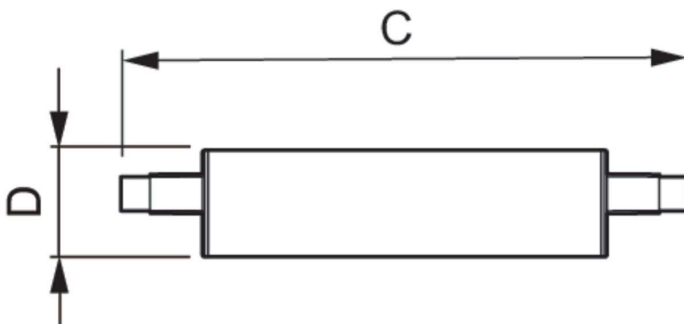
Application Conditions

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

Product Data

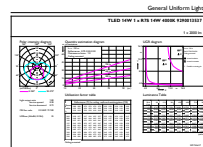
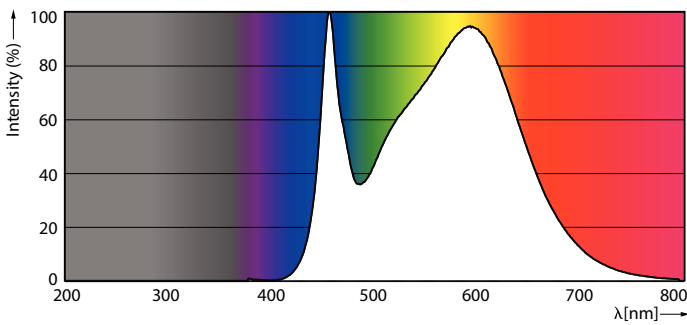
Order product name	CorePro LED linear D 14-120W R7S 118 840
Full product name	CorePro LED linear D 14-120W R7S 118 840
Full product code	871869671406500
Order code	929001353702
Material Nr. (12NC)	929001353702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696714065
Numerator - Packs per 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

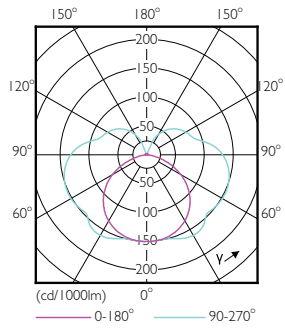


Spectral Power Distribution Colour - CorePro LED linear D 14-120W R7S 118 840

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

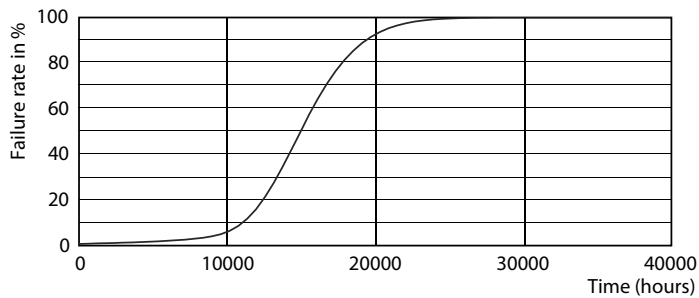
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Photometric data

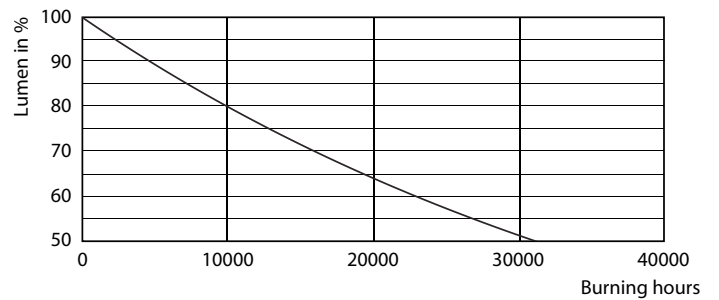


Light Distribution Diagram - CorePro LED linear D 14-120W R7S 118 840

Lifetime



Life Expectancy Diagram



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

