

CorePro LEDlinear MV



CorePro LED linear D 14-120W R7S 118 830

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		Wattage equivalent	
Cap base	R7s		120 W
Nominal lifetime	15,000 h	Starting time (nom.)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.8
		Voltage (nom.)	220-240 V
Light Technical		Temperature	
Colour Code	830 [CCT of 3000K]	T-Case maximum (nom.)	100 °C
Luminous Flux	2,000 lm		
Luminous efficacy (rated) (nom.)	142.86 lm/W	Controls and Dimming	
Colour designation	White (WH)	Dimmable	Yes
Correlated Colour Temperature	3000 K	Mechanical and Housing	
Colour consistency	<6	Bulb shape	Linear
Colour rendering index (CRI)	80	Approval and Application	
LLMF at end of nominal lifetime (nom.)	70 %	Energy Efficiency Class	D
Flickering value (PstLM)	1	Energy consumption kWh/1,000 hours	14 kWh
Stroboscopic effect	0.4	EPREL registration number	397582
Operating and Electrical		CE mark	Yes
Line Frequency	50 to 60 Hz	EU RoHS compliant	Yes
Input frequency	50 to 60 Hz	EyeComfort	Yes
Power Consumption	14 W		
Lamp current (nom.)	75 mA		

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Application Conditions

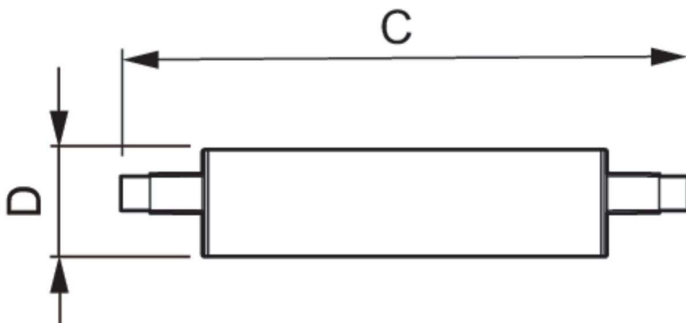
Can it be used in closed luminaires No

Product Data

Order product name	CorePro LED linear D 14-120W R7S 118 830
Full product name	CorePro LED linear D 14-120W R7S 118 830
Full EOC	871869671400300
Order code	71400300

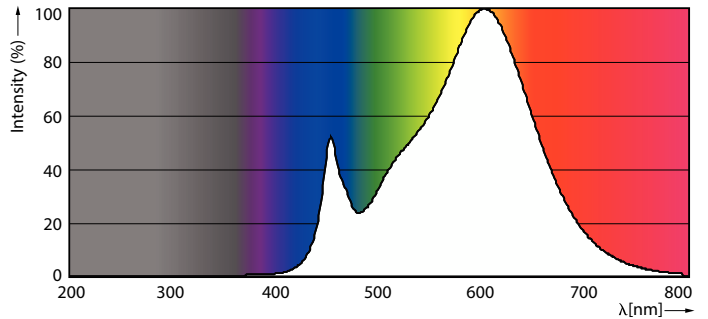
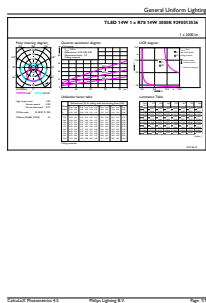
Material no. (12 NC)	929001353602
Numerator – quantity per pack	1
Net Weight (Piece)	0.095 kg
EAN/UPC – Product/Case	8718696714003
Numerator – packs per outer box	10
EAN/UPC - Case	8718696714010

Dimensional drawing



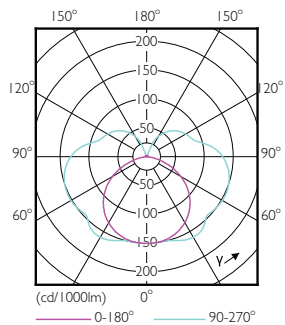
Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm

Photometric data



General uniform lighting - CorePro LED linear D 14-120W R7S 118 830

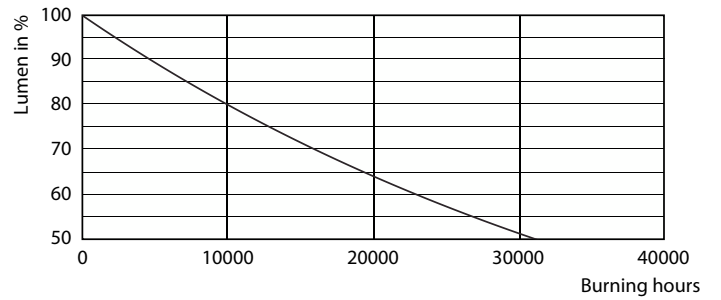
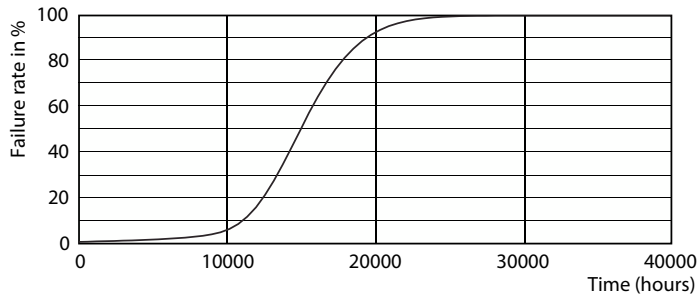
Spectral Power Distribution Colour - CorePro LED linear D 14-120W R7S 118 830



Light Distribution Diagram - CorePro LED linear D 14-120W R7S 118 830

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LED linear D 14-120W R7S 118 830

