



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	
Cap base	R7S [R7s]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Colour Code	830 [CCT of 3000K]
Luminous Flux	2,000 lm
Colour designation	White (WH)
Correlated Colour Temperature	3000 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 %
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.)	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	Yes

Mechanical and Housing	
Bulb shape	Linear

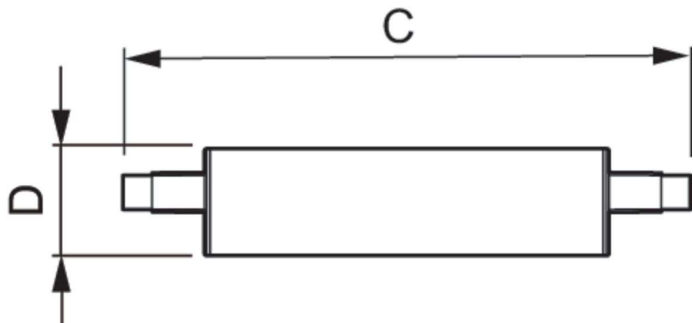
Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	14 kWh
EPREL registration number	397582
EyeComfort	Yes

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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

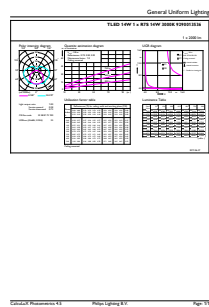
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696714003
Numerator – packs per outer box	10
EAN/UPC – Case	8718696714010

Dimensional drawing

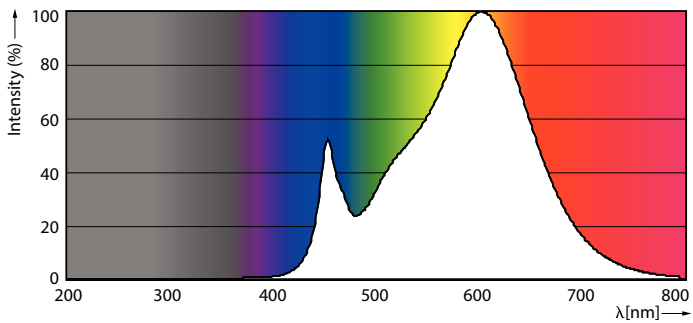


Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm

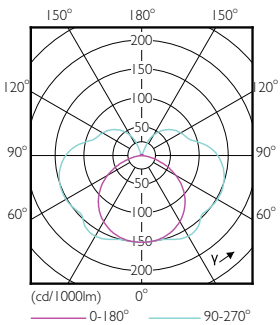
Photometric data



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

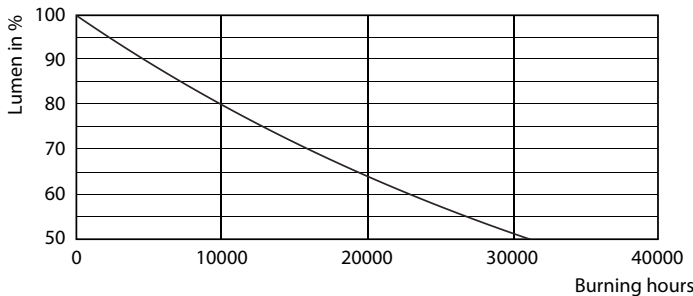


Light Distribution Diagram - CorePro LED linear D 14-120W R7S 118 830

Lifetime



Life Expectancy Diagram - CorePro LED linear D 14-120W R7S 118 830



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

