



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 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	50,000
Lighting Technology	LED
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	2,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	142.86 lm/W
Color Consistency	<6
Color 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

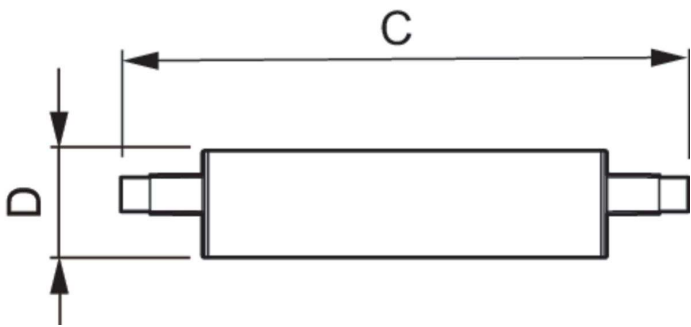
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	100 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	Linear
Net Weight (Piece)	0.095 kg
Approval and Application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	14 kWh
EPREL Registration Number	397582
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

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Stroboscopic effect visibility measure (SVM)	0.4
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

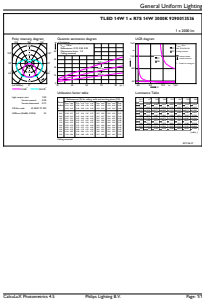
Full product code	871869671400300
Order code	929001353602
Material Nr. (12NC)	929001353602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696714003
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696714010

Dimensional drawing

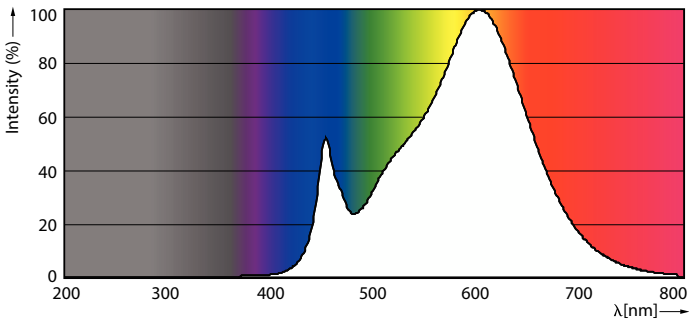


Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm

Photometric data



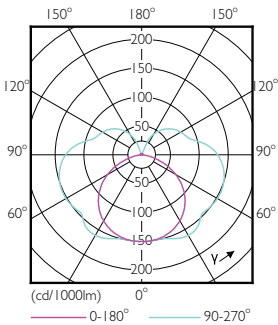
General uniform lighting - CorePro LED linear D 14-120W R7S 118 830



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

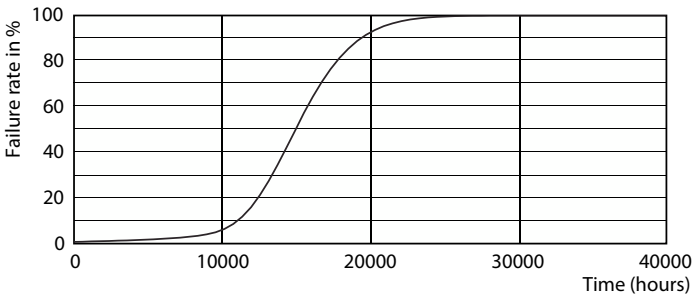
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Photometric data

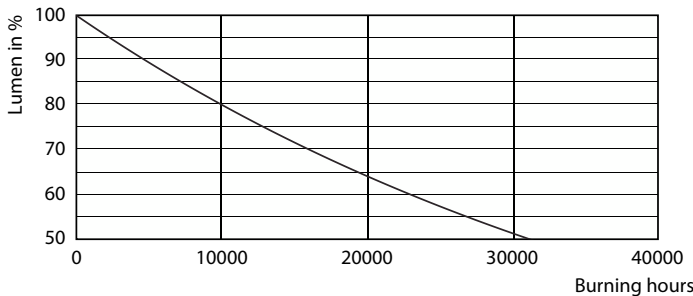


Light Distribution Diagram - CorePro LED linear D 14-120W R7S 118 830

Lifetime



Life Expectancy Diagram



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

