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 [R7s]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
CE mark	Yes
EU RoHS compliant	Yes

Light Technical

Color Code	830 [CCT of 3000K]
Luminous Flux	2,000 lumen
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 %
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	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/1000 h	14 kWh
EPREL Registration Number	397582
EyeComfort	Yes

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Product Data

Full product code	871869671400300	**Material Nr. (12NC)**	929001353602
Order product name	CorePro LED linear D 14-120W R7S 118 830	**Full product name**	CorePro LED linear D 14-120W R7S 118 830
Order code	929001353602	**EAN/UPC – Case**	8718696714010
Numerator – Quantity Per Pack	1	**EAN/UPC – Product/Case**	8718696714003
Numerator – Packs per outer box	10		

Dimensional drawing

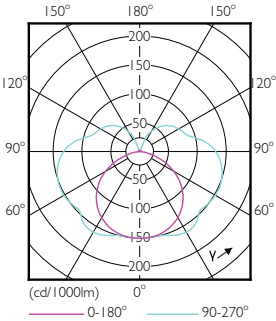| Product	D	C
CorePro LED linear D 14-120W R7S 118 830	29 mm	118 mm

Photometric data
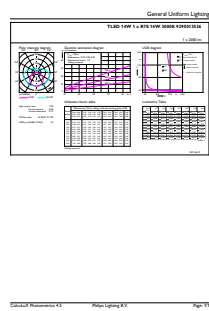
General uniform lighting – CorePro LED linear D 14-120W R7S 118 830
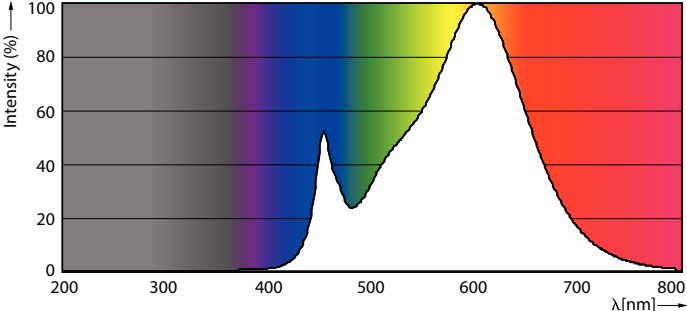
Spectral Power Distribution Colour – CorePro LED linear D 14-120W R7S 118 830

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

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Lifetime

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

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

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2023, November 2 – data subject to change