



CorePro LED linear MV

CoreProLED linearD 17.5-150W R7S 118 840

CorePro, LEDspot, R7S, 150 W, R7s, 4000 K, 2460 lm, CRI 80, 15000 h, Plastic

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
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Sphere
Warranty period	2 years
Light Technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux	2,460 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	140.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Photobiological safety according to EN 62471 RG1	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	17.5 W
Lamp current (nom.)	90 mA
Wattage equivalent	150 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	102 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Plastic
Bulb shape	R7S
Net Weight (Piece)	0.095 kg

Approval and Application

Energy Efficiency Class	D
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	18 kWh
EPREL Registration Number	397598
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20°C to 45°C

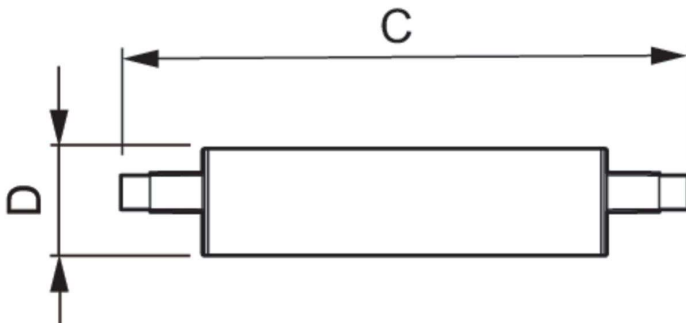
Application Conditions

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

Product Data

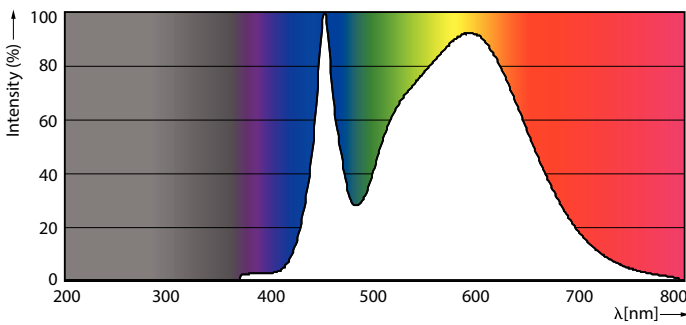
Order product name	CoreProLED linearD 17.5-150W R7S 118 840
Full product name	CoreProLED linearD 17.5-150W R7S 118 840
Full EOC	871869964675200
Order code	929002016702
Material no. (12 NC)	929002016702
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699646752
Numerator – packs per outer box	10
EAN/UPC - Case	8718699646769

Dimensional drawing

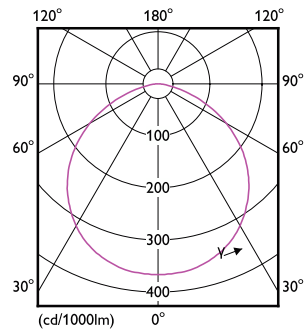


Product	D	C
CoreProLED linearD 17.5-150W R7S 118 840	42 mm	118 mm

Photometric data



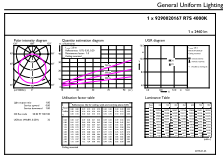
Spectral Power Distribution Colour - CoreProLED linearD 17.5-150W R7S 118 840



Light Distribution Diagram - CoreProLED linearD 17.5-150W R7S 118 840

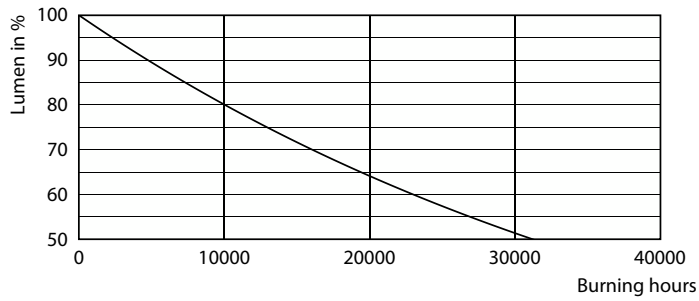
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Photometric data

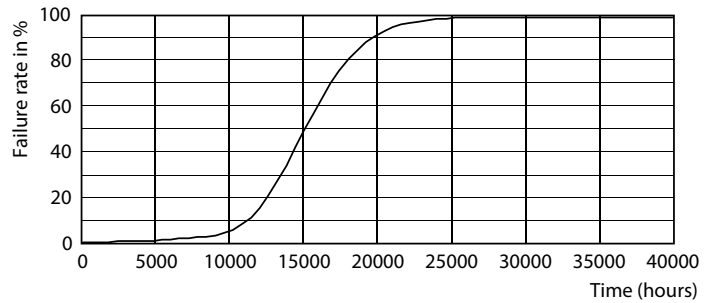


General uniform lighting - CoreProLED linearD 17.5-150W R7S 118 840

Lifetime



Lumen Maintenance Diagram - CoreProLED linearD 17.5-150W R7S 118 840



LEDspot R7S 230V

