



CorePro LEDlinear MV



CoreProLED linearD 17.5-150W R7S 118 840

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	LED
Flux measurement reference	Sphere
Light Technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux	2,460 lm
Luminous efficacy (rated) (nom.)	140.00 lm/W
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Photobiological safety according to EN 624	71 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	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb shape	Linear	
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	

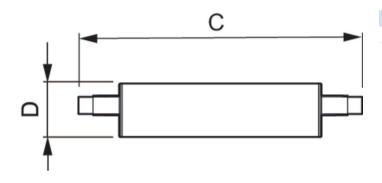
Datasheet, 2024, February 16 data subject to change

CorePro LEDlinear MV

EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	CoreProLED linearD 17.5-150W R7S 118
	840
Full product name	CoreProLED linearD 17.5-150W R7S 118
	840

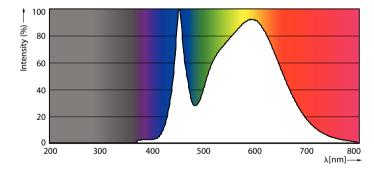
Full EOC	871869964675200	
Order code	64675200	
Material no. (12 NC)	929002016702	
Numerator – quantity per pack	1	
Net Weight (Piece)	0.095 kg	
EAN/UPC — Product/Case	8718699646752	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718699646769	

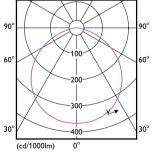
Dimensional drawing



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

Photometric data





180°

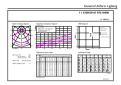
120°

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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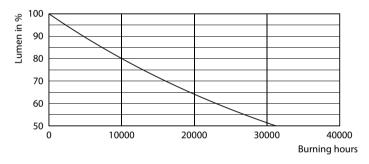
Photometric data

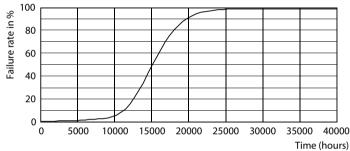


Calculus Photographics 4.5 Philips Lighting B.V. Rigot IV

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



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