



CorePro LEDlinear MV



CoreProLED linearD 17.5-150W 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	
Nominal lifetime	15,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
Light Technical		
Colour Code	830 [CCT of 3000K]	
Luminous Flux	2,460 lm	
Luminous efficacy (rated) (nom.)	140.00 lm/W	
Colour designation	White (WH)	
Correlated Colour Temperature	3000 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 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	
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	397597	
CE mark	Yes	

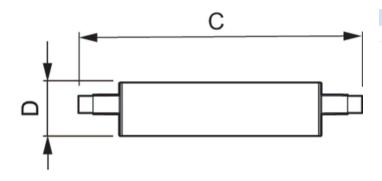
Datasheet, 2024, February 16 data subject to change

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
	830
Full product name	CoreProLED linearD 17.5-150W R7S 118
	830

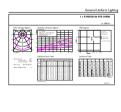
Full EOC	871869964673800
Order code	64673800
Material no. (12 NC)	929002016602
Numerator – quantity per pack	1
Net Weight (Piece)	0.095 kg
EAN/UPC — Product/Case	8718699646738
Numerator – packs per outer box	10
EAN/UPC - Case	8718699646745

Dimensional drawing



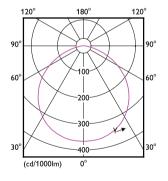
Product	D	С
CoreProLED linearD 17.5-150W R7S 118 830	42 mm	118 mm

Photometric data



Calculat Photometrics 4.5 Philips Lighting 6.V. Page: UT

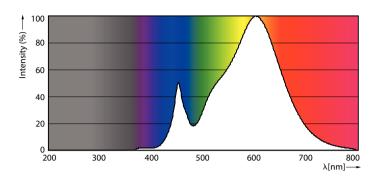
General uniform lighting - CoreProLED linearD 17.5-150W R7S 118 830



Light Distribution Diagram - CoreProLED linearD 17.5-150W R7S 118 830

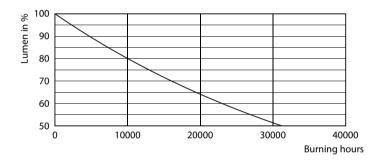
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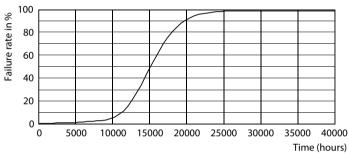
Photometric data



Spectral Power Distribution Colour - CoreProLED linearD 17.5-150W R7S 118 830

Lifetime





Lumen Maintenance Diagram - CoreProLED linearD 17.5-150W R7S 118 830

LEDspot R7S 230V



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