



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 [R7s]	
Nominal lifetime	15,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
CE mark	Yes	
EU RoHS compliant	Yes	
Light Technical		
Colour Code	830 [CCT of 3000K]	
Luminous Flux	2,460 lm	
Colour designation	White (WH)	
Correlated Colour Temperature	3000 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 %	
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
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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

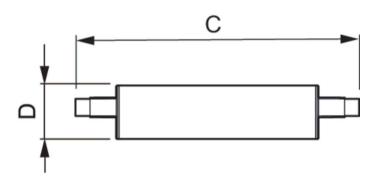
Datasheet, 2023, April 14 data subject to change

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Energy consumption kWh/1,000 hours	18 kWh	
EPREL registration number	397597	
EyeComfort	Yes	
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
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699646738
Numerator – packs per outer box	10
EAN/UPC - Case	8718699646745
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Dimensional drawing

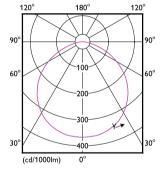


Product	D	С
CoreProLED linearD 17.5-150W R7S 118 830	42 mm	118 mm

Photometric data





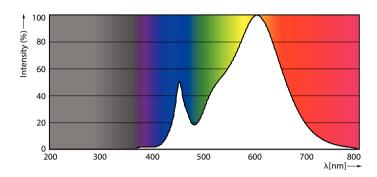


Light Distribution Diagram - CoreProLED linearD 17.5-150W R7S 118 830

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

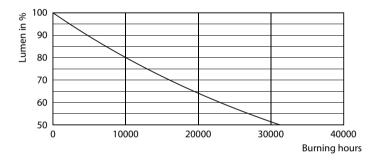
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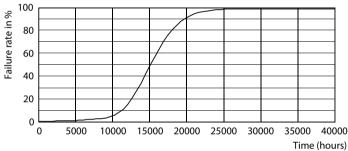
Photometric data



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

Lifetime





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

Life Expectancy Diagram - CoreProLED linearD 17.5-150W R7S 118 830



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