



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
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

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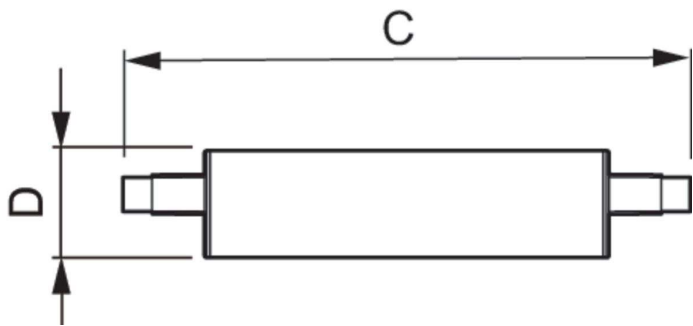
Energy consumption kWh/1,000 hours	18 kWh
EPREL registration number	397597
EyeComfort	Yes

Product Data

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

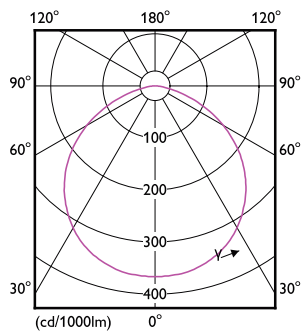
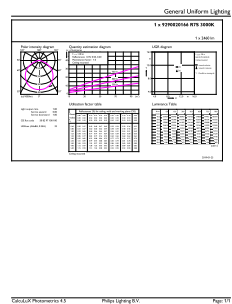
Full EOC	871869964673800
Order code	64673800
Material no. (12 NC)	929002016602
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699646738
Numerator – packs per outer box	10
EAN/UPC – Case	8718699646745

Dimensional drawing



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

Photometric data

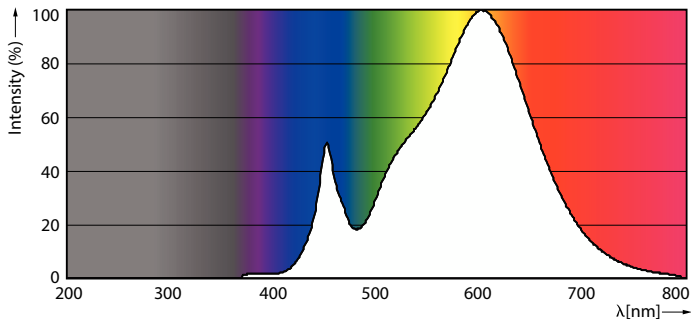


General uniform lighting – CoreProLED linearD 17.5-150W R7S 118 830

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

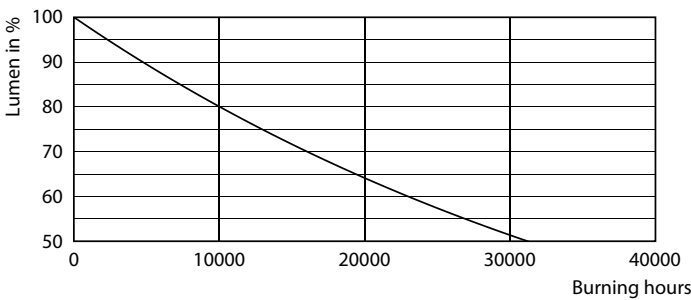
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Photometric data

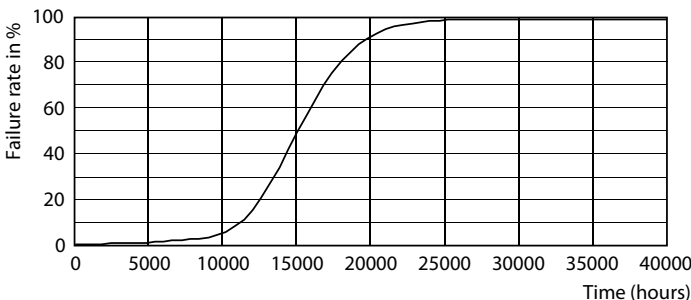


Spectral Power Distribution Colour - CoreProLED linearD 17.5-150W R7S 118 830

Lifetime



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



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

