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 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz

Power Consumption

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

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EU RoHS compliant	Yes		**Full EOC**	871869964675200
EyeComfort	Yes		**Order code**	64675200
			Material no. (12 NC)	929002016702
Application Conditions			**Numerator – quantity per pack**	1
Can it be used in closed luminaires	No		**Net Weight (Piece)**	0.095 kg
			EAN/UPC — Product/Case	8718699646752
Product Data			**Numerator – packs per outer box**	10
Order product name	CoreProLED linearD 17.5-150W R7S 118 840		**EAN/UPC – Case**	8718699646769
Full product name	CoreProLED linearD 17.5-150W R7S 118 840			

Dimensional drawing
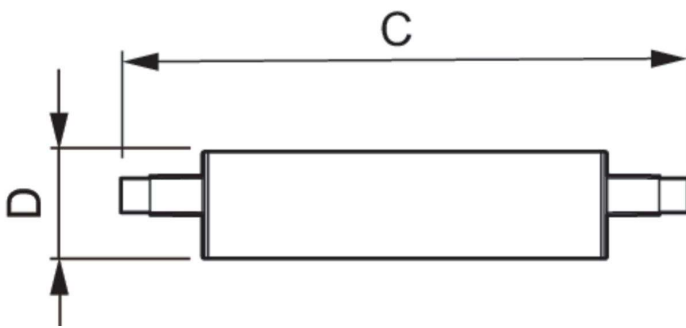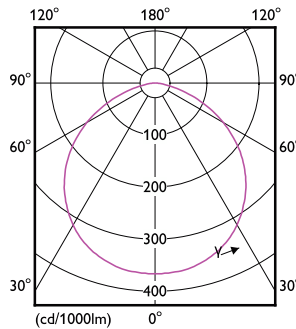

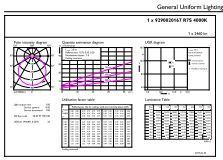| Product	D	C
CoreProLED linearD 17.5-150W R7S 118 840	42 mm	118 mm

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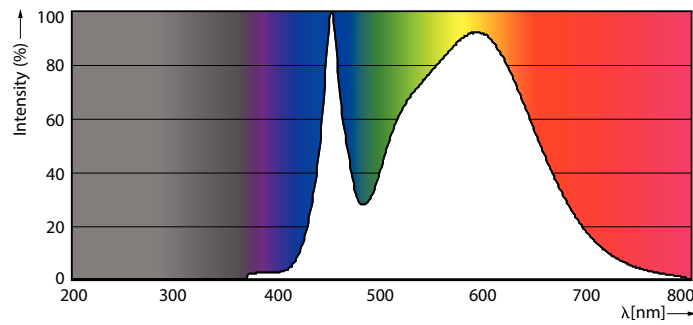
Spectral Power Distribution Colour – CoreProLED linearD 17.5-150W R7S 118 840

Light Distribution Diagram – CoreProLED linearD 17.5-150W R7S 118 840
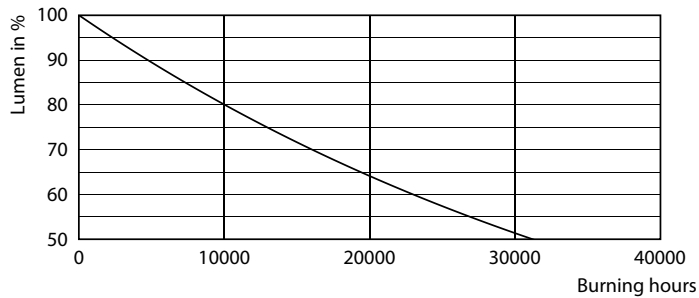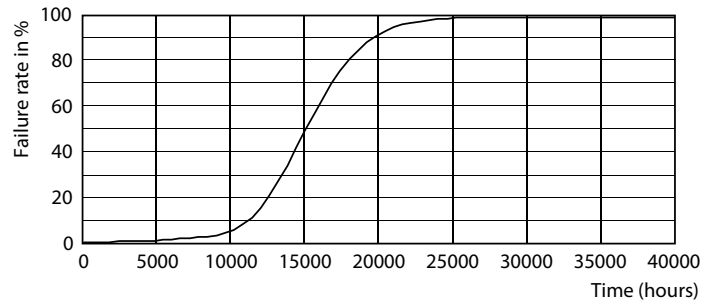
CorePro LEDlinear MV

Photometric data

Lifetime

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

LEDspot R7S 230V

www.lighting.philips.com

2024, February 16 – data subject to change