

PHILIPS**Lighting**

CorePro LEDlinear MV



CorePro LED linear R7S 118mm 7.2-60W 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		Operating and Electrical	
Cap base	R7s	Line Frequency	50 to 60 Hz
Nominal lifetime	15,000 h	Input frequency	50 to 60 Hz
Switching Cycle	8,000	Power Consumption	7.2 W
Lighting Technology	LED	Lamp current (nom.)	40 mA
Flux measurement reference	Sphere	Wattage equivalent	60 W
CE mark	Yes	Starting time (nom.)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	
Colour Code	840 [CCT of 4000K]	Voltage (nom.)	220-240 V
Luminous Flux	850 lm	Temperature	
Colour designation	Cool White (CW)	T-Case maximum (nom.)	110 °C
Correlated Colour Temperature	4000 K	Controls and Dimming	
Luminous efficacy (rated) (nom.)	118.00 lm/W	Dimmable	No
Colour consistency	<6	Mechanical and Housing	
Colour rendering index (CRI)	80	Lamp Finish	Clear
LLMF at end of nominal lifetime (nom.)	70 %	Bulb shape	Linear
Flickering value (PstLM)	1	Approval and Application	
Stroboscopic effect	0.4	Energy Efficiency Class	E
Photobiological safety according to EN 62471 RGO			

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Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	624211
EyeComfort	Yes

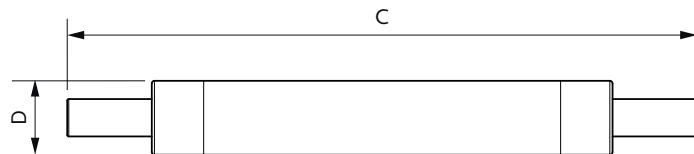
Application Conditions

Can it be used in closed luminaires	No
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Product Data

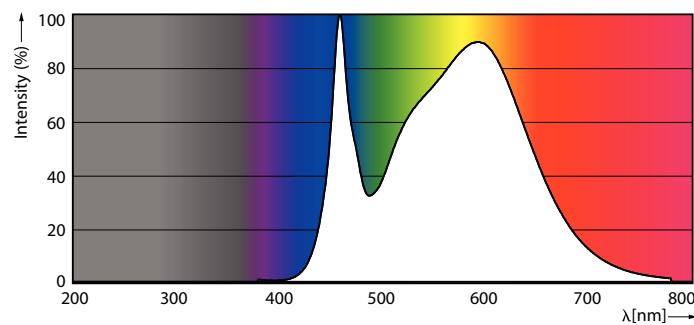
Order product name	CorePro R7S 118mm 7.2-60W 840
Full product name	CorePro LED linear R7S 118mm 7.2-60W 840

Dimensional drawing



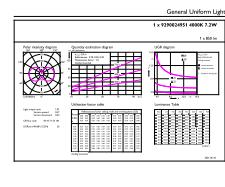
Full EOC	871951430399700
Order code	30399700
Material no. (12 NC)	929002495102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514303997
Numerator – packs per outer box	10
EAN/UPC - Case	8719514304000

Photometric data



Spectral Power Distribution Colour – CorePro R7S 118mm 7.2-60W 840

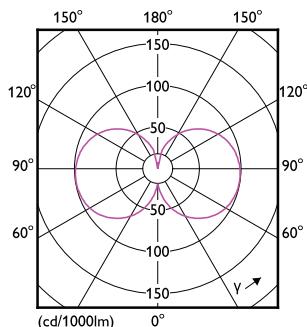
Product	D	C
CorePro R7S 118mm 7.2-60W 840	15 mm	118 mm



General uniform lighting – CorePro R7S 118mm 7.2-60W 840

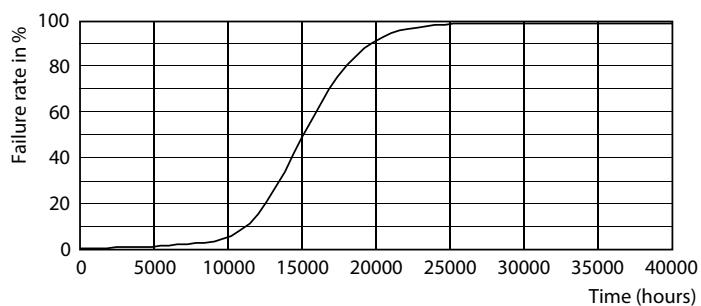
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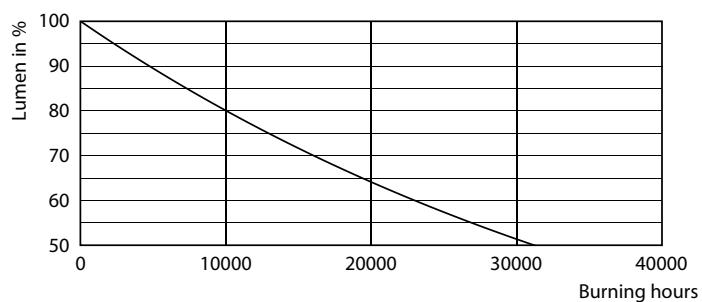


Light Distribution Diagram - CorePro R7S 118mm 7.2-60W 840

Lifetime



Life Expectancy Diagram - CorePro R7S 118mm 7.2-60W 840



Lumen Maintenance Diagram - CorePro R7S 118mm 7.2-60W 840

