



CorePro LED linear MV



CorePro R7S 118mm 14-100W 840 D

CorePro, LEDspot, R7S, 100 W, R7s, 4000 K, 1800 lm, CRI 80, 15000 hour(s), Plastic

CorePro R7S is a retrofit replacement for traditional double-ended linear R7S lamps. Its 'light all around' design delivers light just like a halogen lamp. Within the range you can choose dimmable products which have deep dimming function that enables a cozy ambience when using a dimmable fixture.

Product data

General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	R7s		70 %
Nominal lifetime	15,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDspot	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	14 W
Warranty period	2 years	Lamp Current (Nom)	74 mA
Light Technical		Wattage Equivalent	100 W
Color Code	840 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Luminous Flux	1,800 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.8
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	128.57 lm/W	Temperature	
Color Consistency	<6	T-Case Maximum (Nom)	90 °C
Color rendering index (CRI)	80		

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	R7S
Net Weight (Piece)	0.095 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	14 kWh
EPREL Registration Number	465217
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C

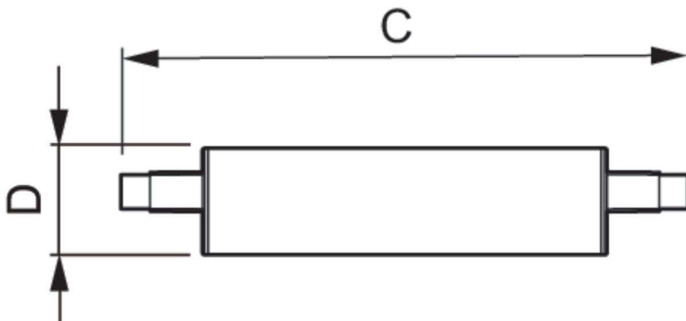
Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

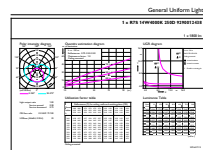
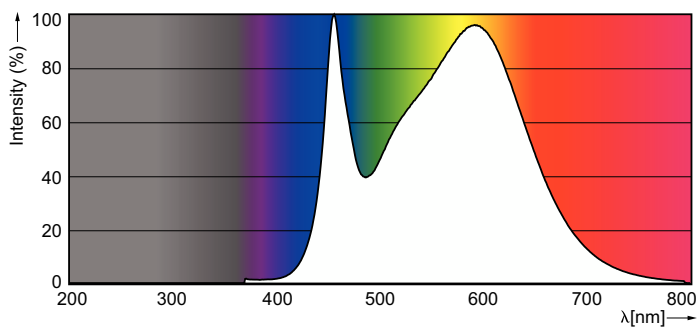
Order product name	CorePro R7S 118mm 14-100W 840 D
Full product name	CorePro R7S 118mm 14-100W 840 D
Full product code	871869657881000
Order code	929001243802
Material Nr. (12NC)	929001243802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578810
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696578827

Dimensional drawing



Product	D	C
CorePro R7S 118mm 14-100W 840 D	29 mm	118 mm

Photometric data

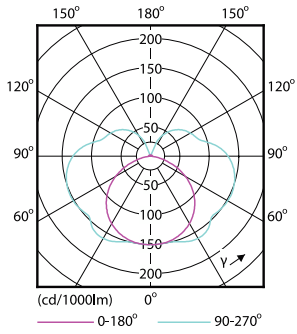


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 840 D

General uniform lighting - CorePro R7S 118mm 14-100W 840 D

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Photometric data



Light Distribution Diagram - CorePro R75 118mm 14-100W 840 D

