



CorePro LED linear MV

CorePro R7S 118mm 14-100W 830 D

CorePro, LEDspot, R7S, 100 W, R7s, 3000 K, 1600 lm, CRI 80, 15000 hour(s), Plastic

CorePro, LEDspot, R7S, 100 W, R7s, 3000 K, 1600 lm, CRI 80, 15000 hour(s), Plastic, 114.29 lm/W, EEL E, PF 0.8, IP20, SVM 0.4, PstLM 1

Product data

General Information		Operating and Electrical	
Cap-Base	R7s	Line Frequency	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	14 W
Lighting Technology	LEDspot	Lamp Current (Nom)	74 mA
Flux measurement reference	Sphere	Wattage Equivalent	100 W
Warranty period	2 years	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.8
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	90 °C
Luminous Flux	1,600 lm		
Color Designation	White (WH)	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 K	Dimmable	Only with specific dimmers
Luminous Efficacy (rated) (Nom)	114.29 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Clear
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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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	465216
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

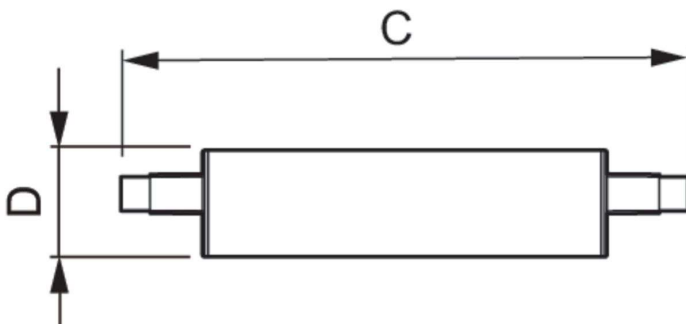
Application Conditions

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

Product Data

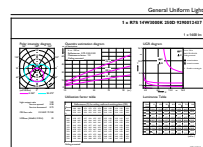
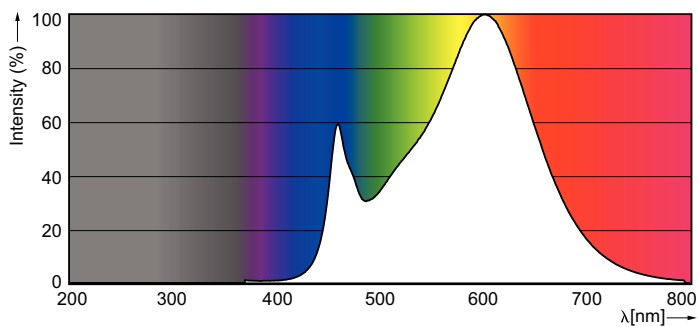
Order product name	CorePro R7S 118mm 14-100W 830 D
Full product name	CorePro R7S 118mm 14-100W 830 D
Full product code	871869657879700
Order code	929001243702
Material Nr. (12NC)	929001243702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578797
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696578803

Dimensional drawing



Product	D	C
CorePro R7S 118mm 14-100W 830 D	29 mm	118 mm

Photometric data

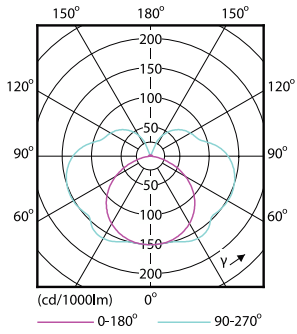


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 830 D

General uniform lighting - CorePro R7S 118mm 14-100W 830 D

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Photometric data



Light Distribution Diagram - CorePro R75 118mm 14-100W 830 D

