



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, LEDspot, R7S, 100 W, R7s, 4000 K, 1800 lm, CRI 80, 15000 hour(s), Plastic, 128.57 lm/W, EEL E, PF 0.8, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	R7s
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Sphere
Warranty period	2 years
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	1,800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128.57 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14 W
Lamp Current (Nom)	74 mA
Wattage Equivalent	100 W
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
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear

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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	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

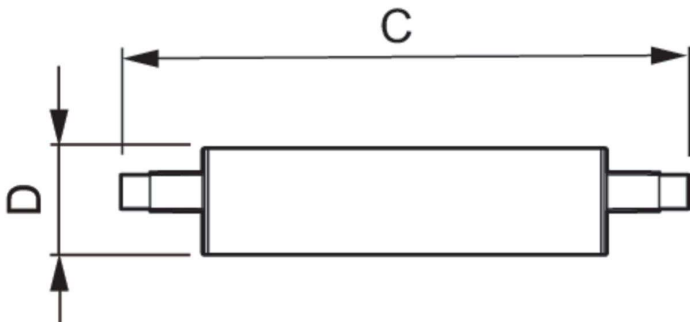
Application Conditions

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

Product Data

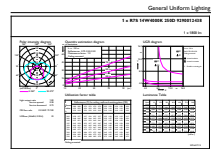
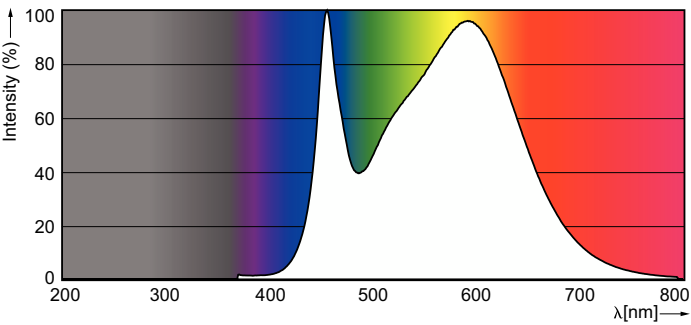
Order product name	CorePro R7S 118mm 14-100W 840 D
Full product name	CorePro R7S 118mm 14-100W 840 D
Full product code	871869657881000
Order code	929001243802
Material Nr. (12NC)	929001243802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578810
Numerator - Packs per outer box	10
EAN/UPC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

Dimensional drawing



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

Photometric data

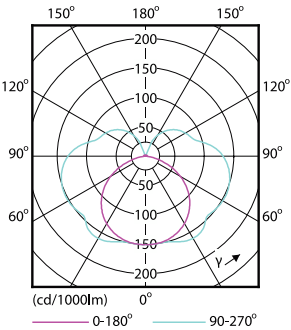


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 840 D

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

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Photometric data



Light Distribution Diagram - CorePro R7S 118mm 14-100W 840 D

