



CorePro LEDlinear MV



CorePro R7S 118mm 14-100W 840 D

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		Starting Time (Nom)	
Cap-Base	R7s		0.5 s
Nominal lifetime	15,000 hour(s)	Warm-up time to 60% light	0.5 s
Switching Cycle	50,000	Power Factor (Fraction)	0.8
Lighting Technology	LED	Voltage (Nom)	220-240 V
Flux measurement reference	Sphere		
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	T-Case Maximum (Nom)	90 °C
Luminous Flux	1,800 lm		
Color Designation	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Only with specific dimmers
Luminous Efficacy (rated) (Nom)	128.57 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Shape	Linear
LLMF At End Of Nominal Lifetime (Nom)	70 %	Net Weight (Piece)	0.095 kg
Operating and Electrical		Approval and Application	
Line Frequency	50 to 60 Hz	Energy Efficiency Class	E
Input Frequency	50 to 60 Hz	Energy Saving Product	Yes
Power Consumption	14 W	Suitable For Accent Lighting	No
Lamp Current (Nom)	74 mA	Energy Consumption kWh/1000 h	14 kWh
Wattage Equivalent	100 W	EPREL Registration Number	465217
		CE mark	Yes
		EU RoHS compliant	Yes

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EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Application Conditions

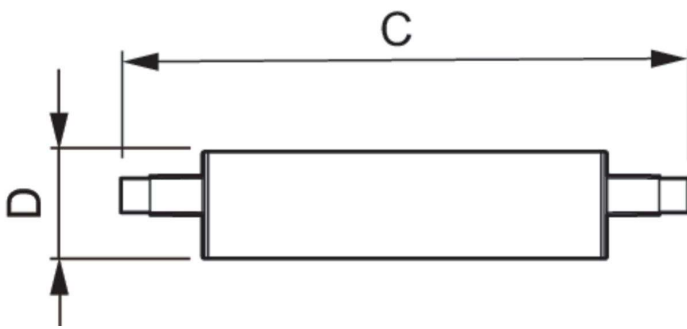
can it be used in closed luminaires	No
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Product Data

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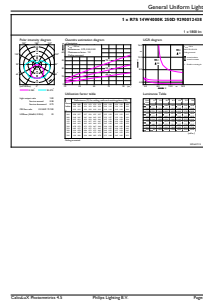
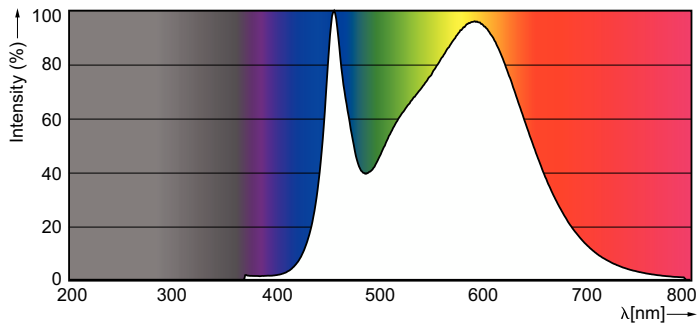
Full product name	CorePro R7S 118mm 14-100W 840 D
Full product code	871869657881000
Order code	929001243802
Material Nr. (12NC)	929001243802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578810
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696578827

Dimensional drawing



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

Photometric data

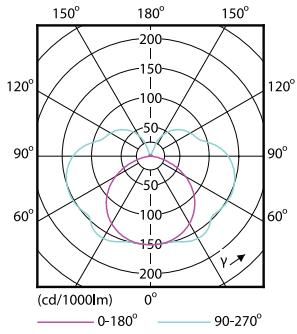


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 840 D

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

