



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		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	LED	Lamp Current (Nom)	74 mA
Flux measurement reference	Sphere	Wattage Equivalent	100 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)	0.8
Color Code	840 [CCT of 4000K]	Voltage (Nom)	220-240 V
Luminous Flux	1,800 lm	Temperature	
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	90 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	128.57 lm/W	Dimmable	Only with specific dimmers
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Shape	Linear
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1	Energy Efficiency Class	E
Stroboscopic effect visibility measure (SVM)	0.4	Energy Saving Product	Yes

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Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	14 kWh
EPREL Registration Number	465217
EyeComfort	Yes

Application Conditions

can it be used in closed luminaires	No
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Product Data

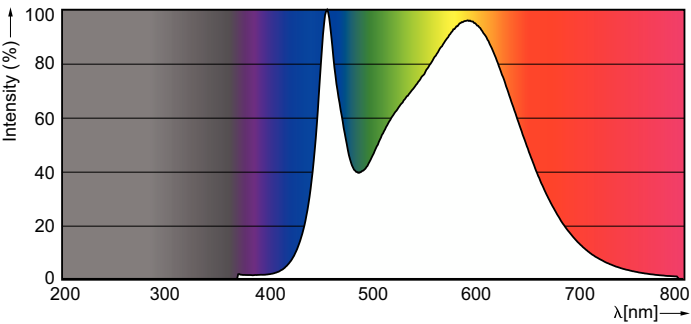
Order product name	CorePro R7S 118mm 14-100W 840 D
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Full product name	CorePro R7S 118mm 14-100W 840 D
Full product code	871869657881000
Order code	929001243802
Material Nr. (12NC)	929001243802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578810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

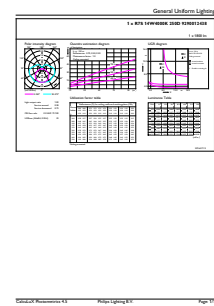
Dimensional drawing

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

Photometric data



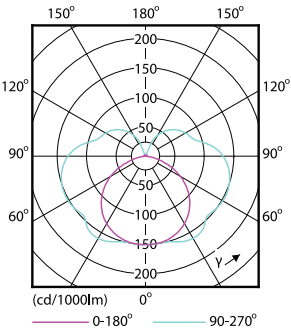
Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 840 D



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

