



CorePro LEDlinear MV



CorePro R7S 118mm 14-100W 830 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	
Cap-Base	R7s
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	1,600 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	114.29 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 Shape	Linear
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

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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

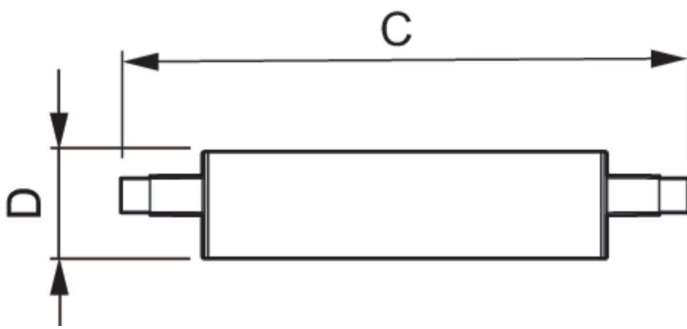
can it be used in closed luminaires	No
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Product Data

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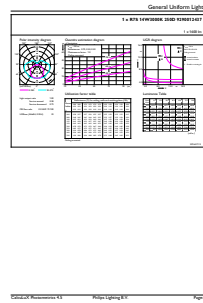
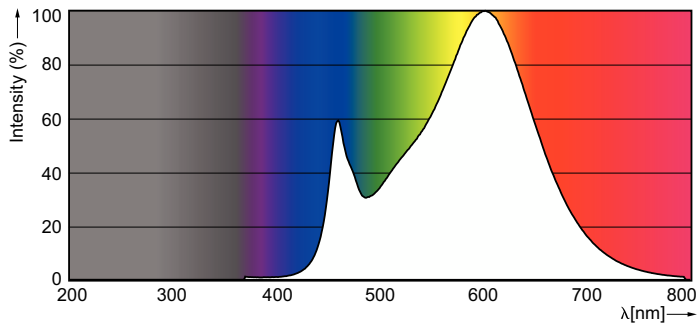
Full product name	CorePro R7S 118mm 14-100W 830 D
Full product code	871869657879700
Order code	929001243702
Material Nr. (12NC)	929001243702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578797
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696578803

Dimensional drawing



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

Photometric data

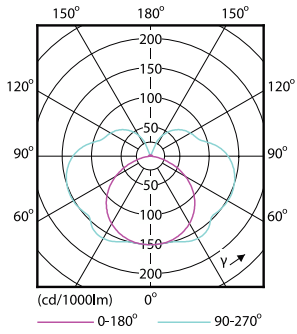


Spectral Power Distribution Colour - CorePro R7S 118mm 14-100W 830 D

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

