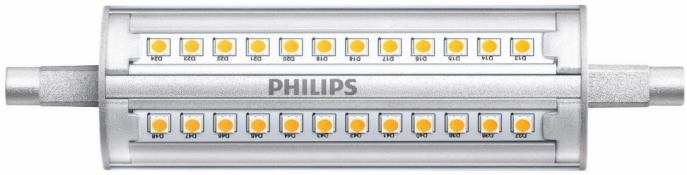
PHILIPS

CorePro R7S 118mm 14-100W 840 D

929001243802



CorePro, LEDspot, R7S, dimmable, 100 W, R7s, 4000 K, 1800 lm, CRI 80, 15000 hour(s), Plastic



CorePro, LEDspot, R7S, dimmable, 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

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
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

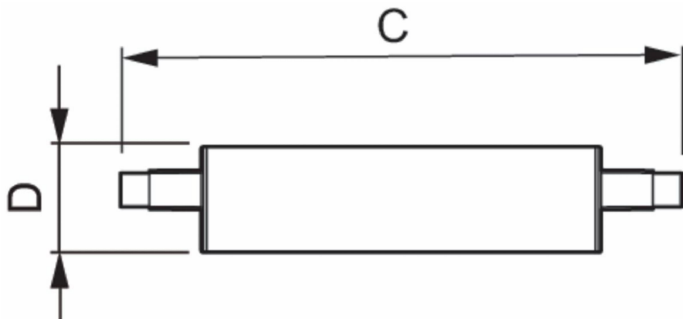
Application Conditions

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

Product Data

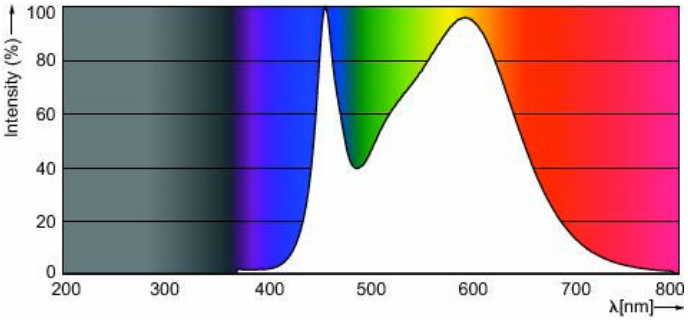
Order product name	CorePro R7S 118mm 14-100W 840 D
Full product name	CorePro R7S 118mm 14-100W 840 D
Full product code	871869657881000
Order code	929001243802
Material Nr. (12NC)	929001243802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578810
Numerator - Packs per outer box	10
EAN/UPC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

Dimensional drawing

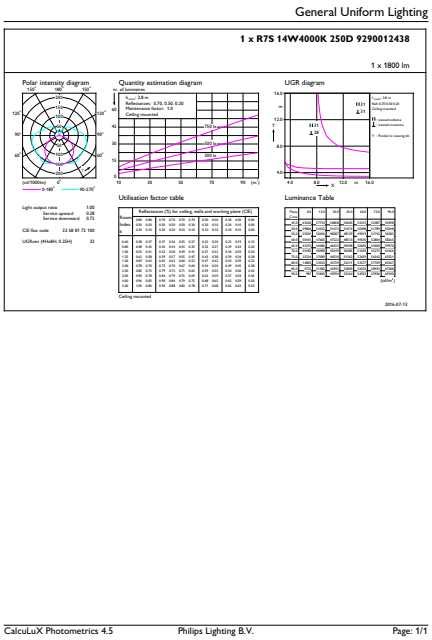


Product	D	C
CorePro R7S 118mm 14-100W 840 D	29 mm	118 mm

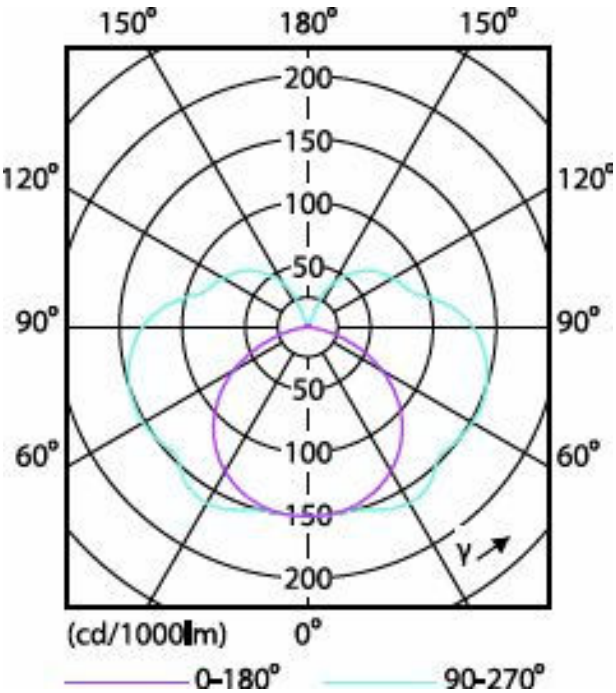
Photometric data



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



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



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

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-LEDlinear-MV-COMF-5011000-118mm-Classic-COMF-5011000-Ref-929001353602-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	CorePro_R7S_14-100W_840_IES.ies	Download

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