PHILIPS

CorePro R7S 118mm 7.2-60W 830

929002495002



CorePro, LEDspot, R7S, not dimmable, 60 W, R7s, 3000 K, 810 lm, CRI 80, 15000 hour(s), Plastic



CorePro, LEDspot, R7S, not dimmable, 60 W, R7s, 3000 K, 810 lm, CRI 80, 15000 hour(s), Plastic, 112.00 lm/W, EEL E, PF 0.5, RG0, IP20, SVM 0.4, PstLM 1

General Information

Cap-Base	R7s
Nominal lifetime	15,000 hour(s)
Switching Cycle	8,000
Lighting Technology	LEDspot
Flux measurement reference	Sphere
Warranty period	2 years

Light Technical

Color Code	830 [CCT of 3000K]
Luminous Flux	810 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7.2 W
Lamp Current (Nom)	40 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	110 °C

Controls and Dimming

Dimmable	No

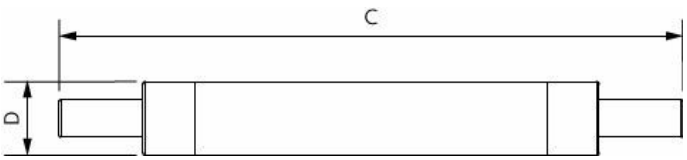
Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	R7S
Net Weight (Piece)	0.016 kg

Approval and Application

Energy Efficiency Class	E
Suitable For Accent Lighting	No

Dimensional drawing



Product	D	C
CorePro R7S 118mm 7.2-60W 830	15 mm	118 mm

Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	624213
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 to +40 °C

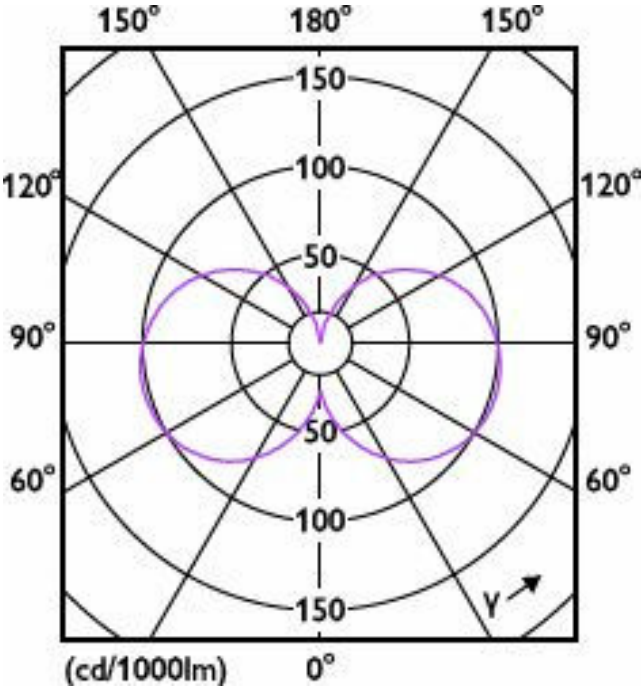
Application Conditions

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

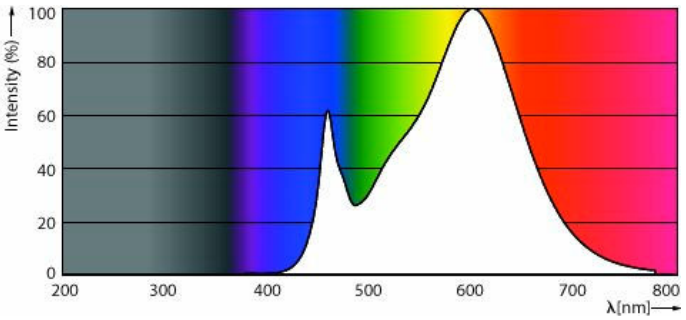
Product Data

Order product name	CorePro R7S 118mm 7.2-60W 830
Full product name	CorePro R7S 118mm 7.2-60W 830
Full product code	871951430397300
Order code	929002495002
Material Nr. (12NC)	929002495002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514303973
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514303980

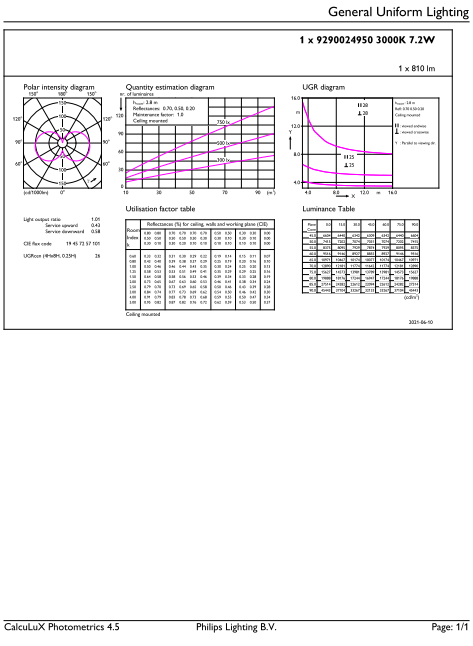
Photometric data



Light Distribution Diagram - CorePro R7S 118mm 7.2-60W 830



Spectral Power Distribution Colour - CorePro R7S 118mm 7.2-60W 830


General Uniform Lighting

1 x 9290024950 3000K 7.2W

1 x 810 lm

Polar intensity diagram

Quantity estimation diagram

UGR diagram

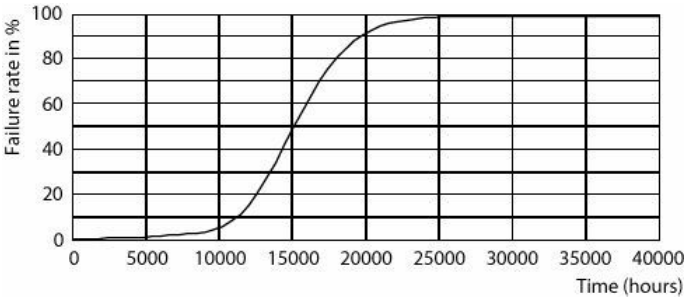
Utilisation factor table

Luminance Table

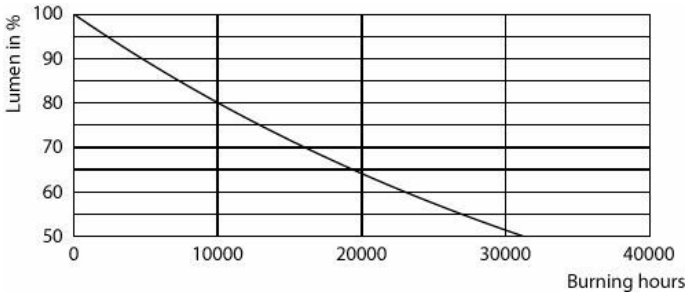
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General uniform lighting - CorePro R7S 118mm 7.2-60W 830

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro R7S 118mm 7.2-60W 830

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-LEDlinear-MV-COMF-5011000-118mm-Slim-COMF-5011000-Ref-929002495002-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LEDlinear_CorePro_7,2W_R7S_830-IES.IES	Download

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