PHILIPS

CoreProLED linearD
17.5-150W R7S 118 830

929002016602



CorePro, LEDspot, R7S, dimmable, 150 W, R7s, 3000 K, 2460 lm, CRI 80, 15000 hour(s), Plastic



CorePro, LEDspot, R7S, dimmable, 150 W, R7s, 3000 K, 2460 lm, CRI 80, 15000 hour(s), Plastic, 140.00 lm/W, EEL D, PF 0.9, RG1, 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	830 [CCT of 3000K]
Luminous Flux	2,460 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	140.00 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	17.5 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	150 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	102 °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	D
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	397597
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

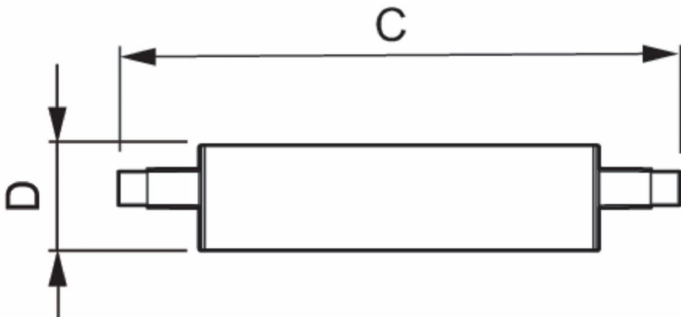
Application Conditions

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

Product Data

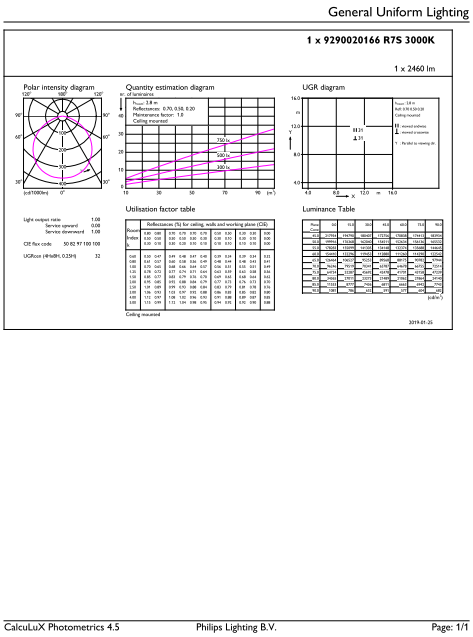
Order product name	CoreProLED linearD 17.5-150W R7S 118 830
Full product name	CoreProLED linearD 17.5-150W R7S 118 830
Full product code	871869964673800
Order code	929002016602
Material Nr. (12NC)	929002016602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699646738
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699646745

Dimensional drawing



Product	D	C
CoreProLED linearD 17.5-150W R7S 118 830	42 mm	118 mm

Photometric data


General Uniform Lighting

1 x 9290020166 R7S 3000K

1 x 2460 lm

Polar intensity diagram

Quantity estimation diagram

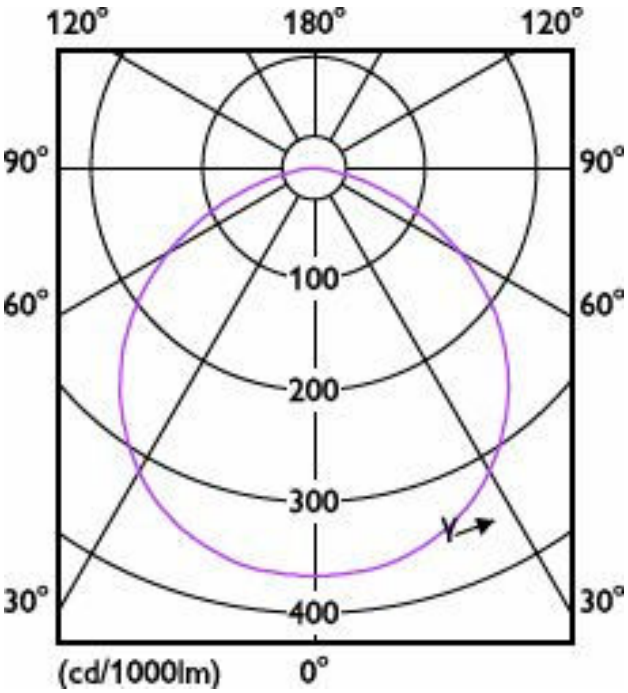
UGR diagram

Utilisation factor table

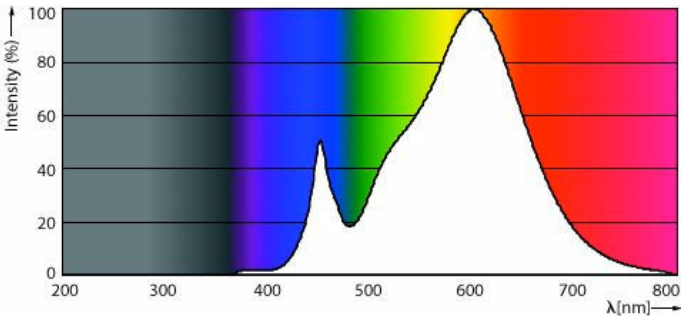
Luminance Table

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General uniform lighting - CoreProLED linearD 17.5-150W R7S 118 830

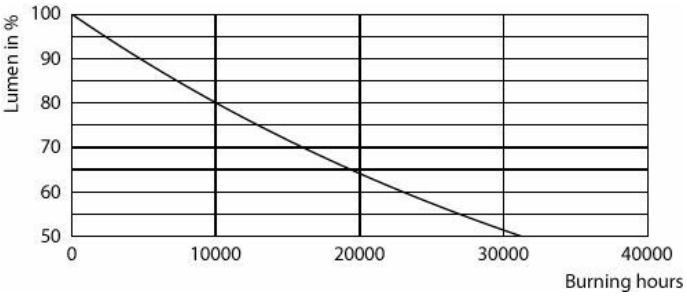


Light Distribution Diagram - CoreProLED linearD 17.5-150W R7S 118 830

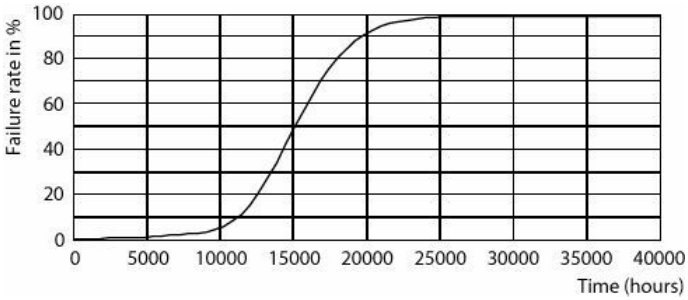


Spectral Power Distribution Colour - CoreProLED linearD 17.5-150W R7S 118 830

Lifetime



Lumen Maintenance Diagram - CoreProLED linearD 17.5-150W R7S 118 830



LEDspot R7S 230V

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	LEDspot_R7S_230V_3000K-IES.ies	Download

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