



CorePro LED linear MV



CorePro LEDlinearND 11.5-100W R7S78mm830

CorePro, LEDspot, R7S, 100 W, R7s, 3000 K, 1521 lm, CRI 80, 15000 hour(s), Clear Plastic

CorePro, LEDspot, R7S, 100 W, R7s, 3000 K, 1521 lm, CRI 80, 15000 hour(s), Clear Plastic, 132 lm/W, EEL E, PF 0.5, Beam angle 300 degree(s), RG0, IP20, SVM 0.4, PstLM 1

Product data

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]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	132 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	
Input Frequency	50 to 60 Hz
Power Consumption	11.5 W
Lamp Current (Nom)	80 mA
Wattage Equivalent	100 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)	104 °C
Controls and Dimming	
Dimmable	No

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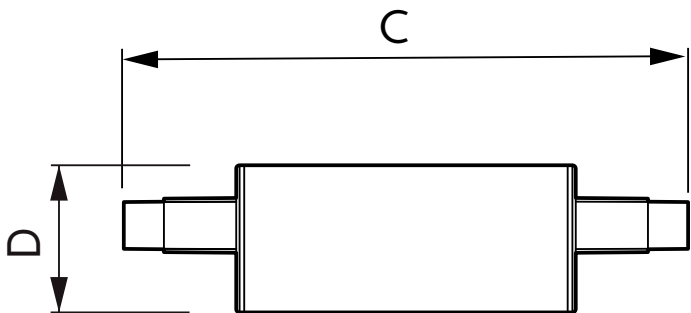
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	R7S
Net Weight (Piece)	0.065 kg

Approval and Application	
Energy Efficiency Class	E
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	12 kWh
EPREL Registration Number	1880096
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

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

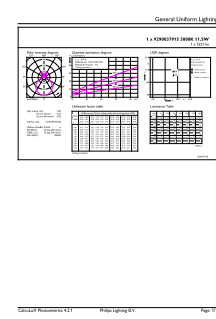
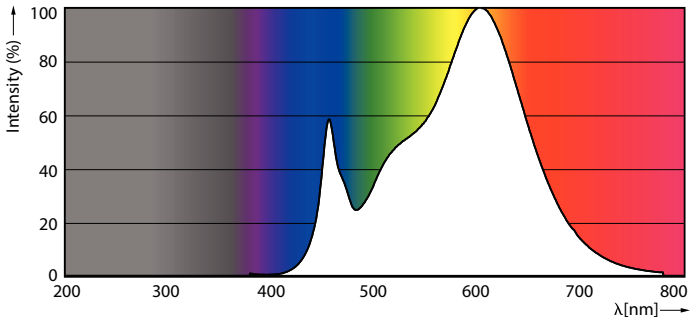
Product Data	
Order product name	CorePro LEDlinearND 11.5-100W R7S78mm830
Full product name	CorePro LEDlinearND 11.5-100W R7S78mm830
Full product code	872016930199300
Order code	929003791502
Material Nr. (12NC)	929003791502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169301993
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169302006

Dimensional drawing



Product	D	C
CorePro LEDlinearND 11.5-100W R7S78mm830	28 mm	78 mm

Photometric data

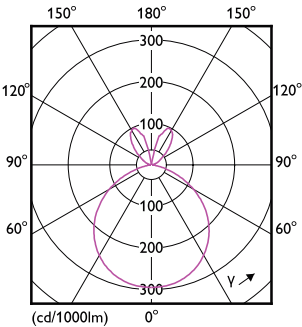


Spectral Power Distribution Colour - CorePro LEDlinearND 11.5-100W R7S78mm830

General uniform lighting - CorePro LEDlinearND 11.5-100W R7S78mm830

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Photometric data

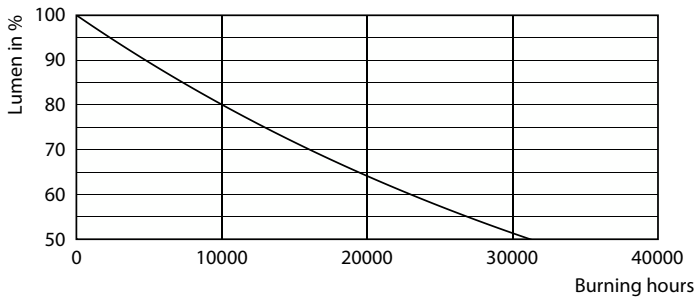


Light Distribution Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

