



CorePro LED linear MV



CorePro LEDlinearND 11.5-100W R7S78mm830

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
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

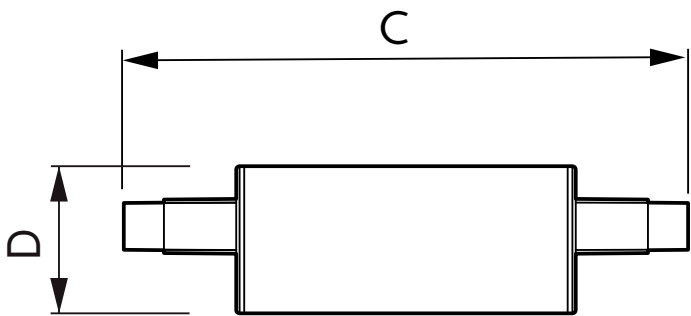
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	11.5 W
Lamp Current (Nom)	80 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	104 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	R7S

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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 EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	No

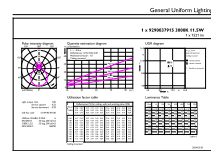
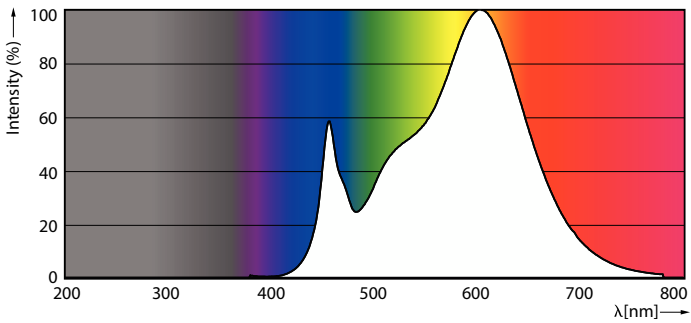
Product Data	
Order product name	CorePro LEDlinearND 11.5-100W R7S78mm830
Full product name	CorePro LEDlinearND 11.5-100W R7S78mm830
Full product code	872016930199300
Order code	929003791502
Material Nr. (12NC)	929003791502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169301993
Numerator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

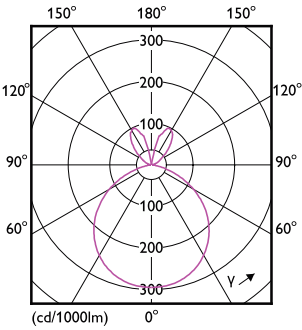


Spectral Power Distribution Colour - CorePro LEDlinearND 11.5-100W R7S78mm830

General uniform lighting - CorePro LEDlinearND 11.5-100W R7S78mm830

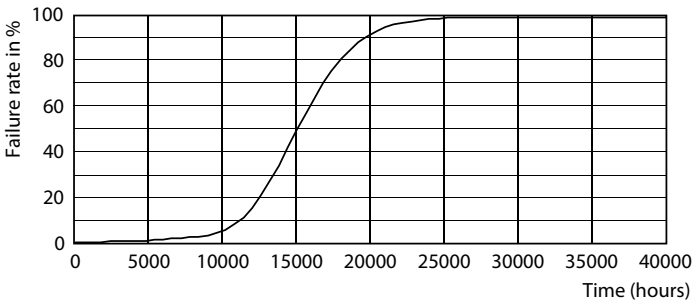
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Photometric data

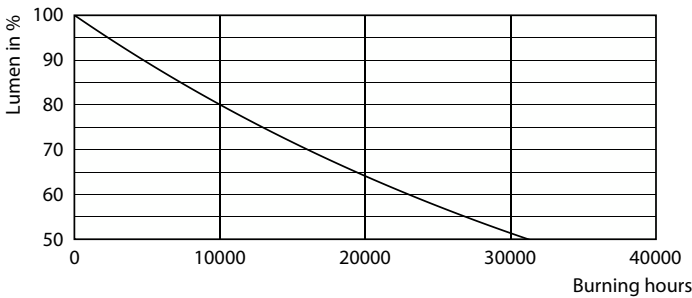


Light Distribution Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

