



CorePro LEDlinear 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
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	White (WH)
Luminous Efficacy (rated) (Nom)	132 lm/W
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per 1	
EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
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	
Ambient temperature range	-20 to +45 °C
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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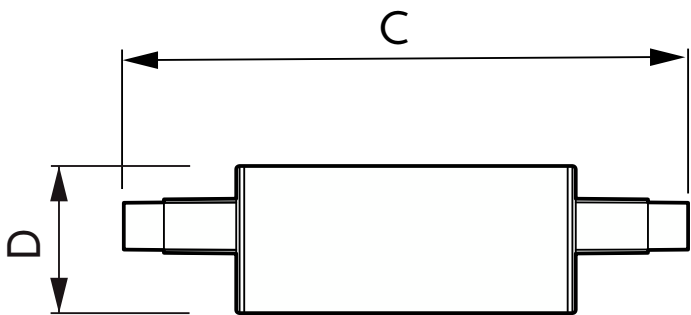
Approval and Application	
Energy Efficiency Class	E
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	12 kWh
EPREL Registration Number	1880096
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions	
can it be used in closed luminaires	No

Product Data	
Order product name	CorePro LEDlinearND 11.5-100W R7S78mm830

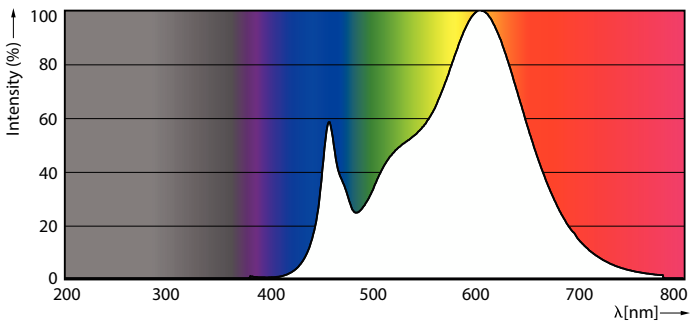
Full product name	CorePro LEDlinearND 11.5-100W R7S78mm830
Full product code	872016930199300
Order code	30199300
Material Nr. (12NC)	929003791502
Net Weight (Piece)	0.065 kg
EAN/UPC - Product/Case	8720169301993
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169302006

Dimensional drawing

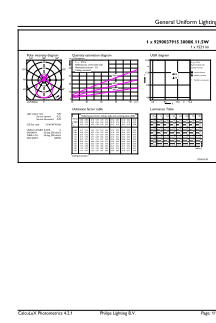


Product	D	C
CorePro LEDlinearND 11.5-100W R7S78mm830	28 mm	78 mm

Photometric data



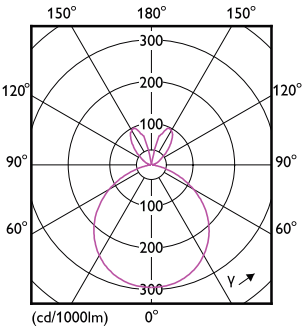
Spectral Power Distribution Colour - CorePro LEDlinearND 11.5-100W R7S78mm830



General uniform lighting - CorePro LEDlinearND 11.5-100W R7S78mm830

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Photometric data

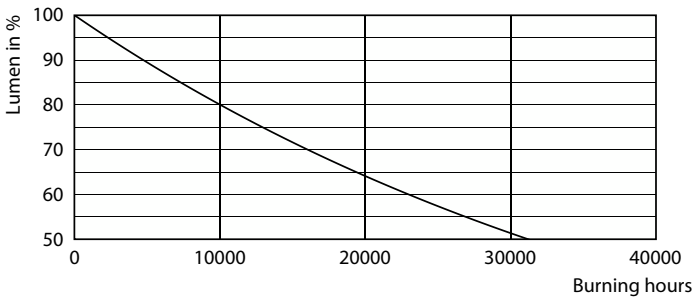


Light Distribution Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDlinearND 11.5-100W R7S78mm830

