

CorePro LED linear MV

LED 100W R7S 78mm WH ND SRT4

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	RGO

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
Overall length	78 mm

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Overall width	28 mm
Overall height	78 mm
Dimensions (Height x Width x Depth)	78 x 28 x 78 mm
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
LED Innovations	EyeComfort
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
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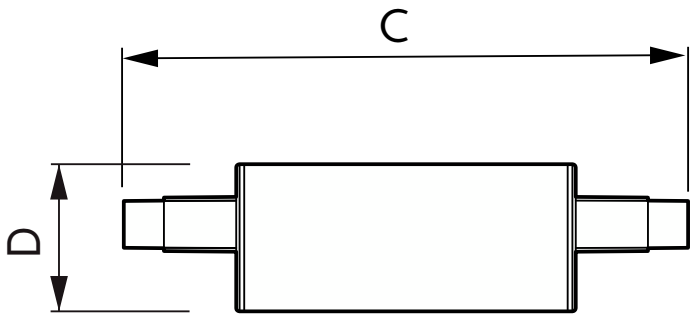
Application Conditions

can it be used in closed luminaires	No
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Product Data

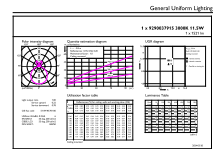
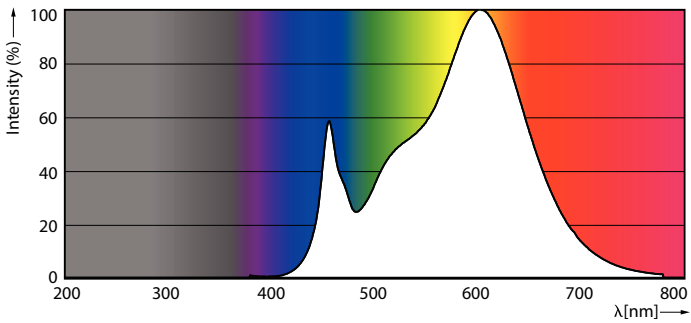
Order product name	LED 100W R7S 78mm WH ND SRT4
Full product name	LED 100W R7S 78mm WH ND SRT4
Full product code	872016930197900
Order code	929003791561
Material Nr. (12NC)	929003791561
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169301979
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169301986

Dimensional drawing



Product	D	C
LED 100W R7S 78mm WH ND SRT4	28 mm	78 mm

Photometric data

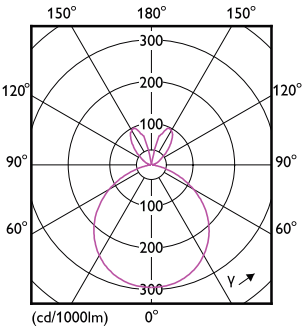


Spectral Power Distribution Colour - LED 100W R7S 78mm WH ND SRT4

General uniform lighting - LED 100W R7S 78mm WH ND SRT4

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Photometric data

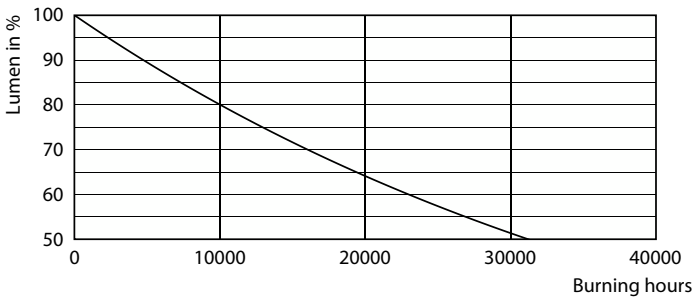


Light Distribution Diagram - LED 100W R7S 78mm WH ND SRT4

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LED 100W R7S 78mm WH ND SRT4

