PHILIPS Lighting



CorePro LEDlinear MV

LED 17.5-150W R7S 118mm 830 D 1pk AU

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 h
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 h
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
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 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	
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	
Ambient temperature range	-20 to +45 °C
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	Linear
Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	18 kWh

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EyeComfort	Yes
Product Data	
Order product name	LED 17.5-150W R7S 118mm 830 D 1pk AU
Full product name	LED 17.5-150W R7S 118mm 830 D 1pk AU
Full product code	871951437297900
Order code	929002016679

Material Nr. (12NC)	929002016679
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514372979
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514372986

Dimensional drawing

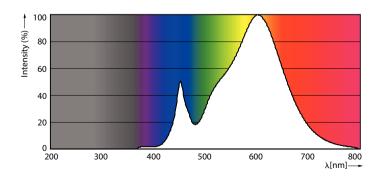
Product	D	с
LED 17.5-150W R7S 118mm 830 D 1pk AU	42 mm	118 mm

Photometric data

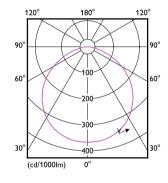
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General uniform lighting - LED 17.5-150W R7S 118mm 830 D 1pk AU



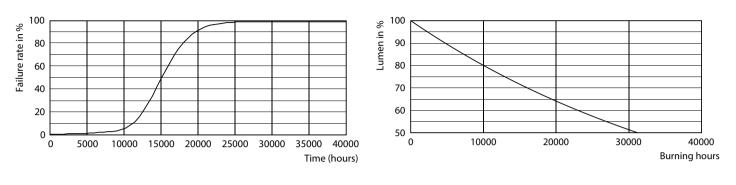
Spectral Power Distribution Colour - LED 17.5-150W R7S 118mm 830 D 1pk AU



Light Distribution Diagram - LED 17.5-150W R7S 118mm 830 D 1pk AU

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Lifetime



Life Expectancy Diagram - LED 17.5-150W R7S 118mm 830 D 1pk AU

Lumen Maintenance Diagram - LED 17.5-150W R7S 118mm 830 D 1pk AU



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www.lighting.philips.com 2024, February 2 - data subject to change