CorePro LEDlinear MV

CorePro LEDlinear ND 7-60W R7S 78mm830

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	950 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	135 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	7 W
Lamp Current (Nom)	51 mA

Wattage Equivalent	60 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)	88 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	R7S
Net Weight (Piece)	0.037 kg

Approval and Application

Energy Efficiency Class	D
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	1932586

CorePro LEDlinear MV

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 ℃

Application Conditions	
can it be used in closed luminaires	No

Product Data	
Order product name	CorePro LEDlinear ND 7-60W R7S 78mm830

Full product name	CorePro LEDlinear ND 7-60W R7S 78mm830
Full product code	872016930193100
Order code	929003791302
Material Nr. (12NC)	929003791302
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169301931
Numerator – Packs per outer box	10
EAN/UPC – Case	8720169301948

Dimensional drawing
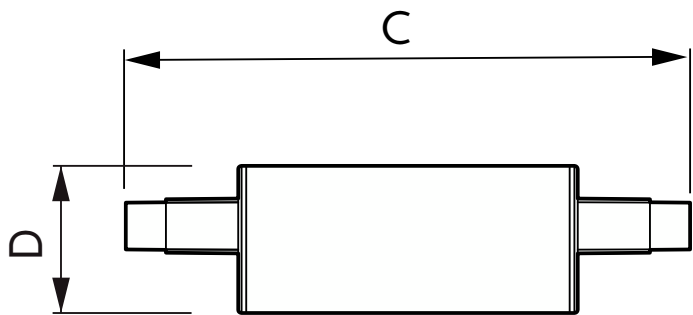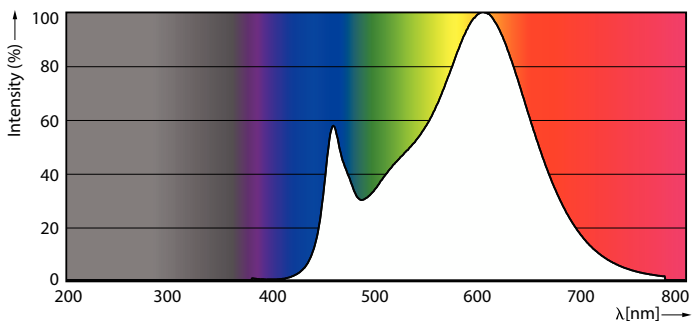

Product	D	C
CorePro LEDlinear ND 7-60W R7S 78mm830	28 mm	78 mm

Photometric data
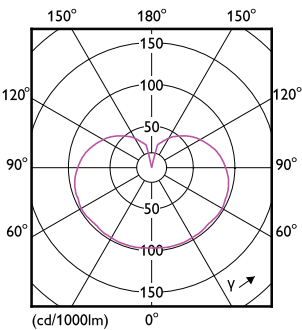
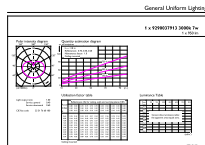
Light Distribution Diagram - CorePro LEDlinear ND 7-60W R7S 78mm830

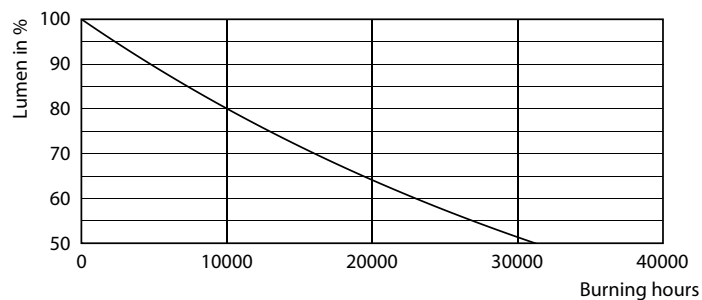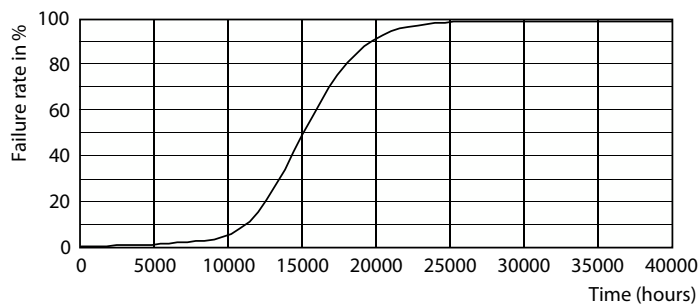Spectral Power Distribution Colour - CorePro LEDlinear ND 7-60W R7S 78mm830

CorePro LEDlinear MV

Photometric data

General uniform lighting – CorePro LEDlinear ND 7–60W R7S 78mm830

Lifetime

Life Expectancy Diagram

Lumen Maintenance Diagram – CorePro LEDlinear ND 7–60W R7S 78mm830

www.lighting.philips.com

2025, April 17 – data subject to change