CorePro LEDlinear MV

CorePro LEDlinear ND 7-60W R7S 78mm840

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.

D A↑G

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	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 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 ℃

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	1932589

CorePro LEDlinear MV

EU RoHS compliant	Yes	**Full product name**	CorePro LEDlinear ND 7–60W R7S 78mm840
EyeComfort	Yes		
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1	**Full product code**	872016930195500
		Order code	929003791402
Stroboscopic effect visibility measure (SVM)	0.4	**Material Nr. (12NC)**	929003791402
Ambient temperature range	–20 to +45 °C	**Numerator – Quantity Per Pack**	1
		EAN/UPC – Product/Case	8720169301955
Application Conditions		**Numerator – Packs per outer box**	10
can it be used in closed luminaires	No	**EAN/UPC – Case**	8720169301962

Product Data	
Order product name	CorePro LEDlinear ND 7–60W R7S 78mm840

Dimensional drawing
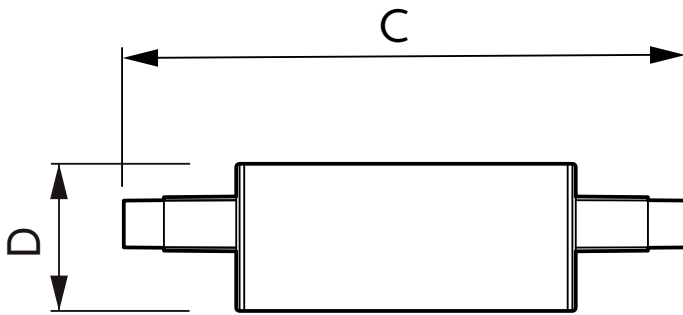
| Product	D	C
CorePro LEDlinear ND 7–60W R7S 78mm840	28 mm	78 mm

Photometric data

Spectral Power Distribution Colour – CorePro LEDlinear ND 7–60W R7S 78mm840
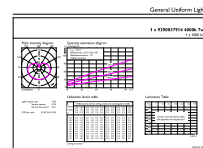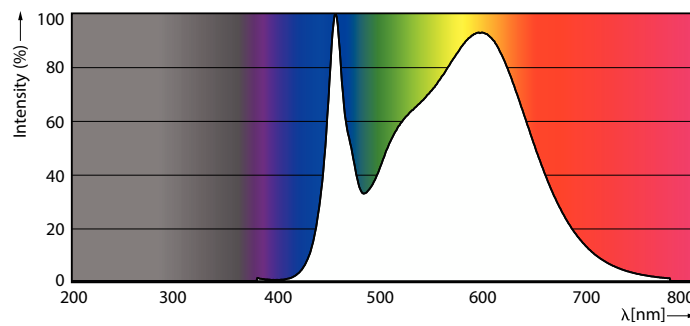
**General uniform lighting – CorePro LEDlinear ND 7–60W R7S 78mm840**

CorePro LEDlinear MV

Photometric data
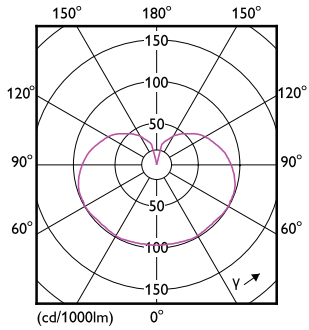
Light Distribution Diagram – CorePro LEDlinear ND 7–60W R7S 78mm840

Lifetime

Life Expectancy Diagram

Lumen Maintenance Diagram – CorePro LEDlinear ND 7–60W R7S 78mm840

www.lighting.philips.com

2025, March 17 – data subject to change