



Other LEDtube



LED 3.5W 500mm S14S WW ND 1CT/4

Philips LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Product data

General Information	
Cap-Base	S14s
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	30,000 hour(s)
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
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Beam Angle (Nom)	140 degree(s)
Luminous Flux	375 lm
Luminous Efficacy (rated) (Nom)	107.00 lm/W
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1
Stroboscopic effect visibility measure (SVM)	0.1

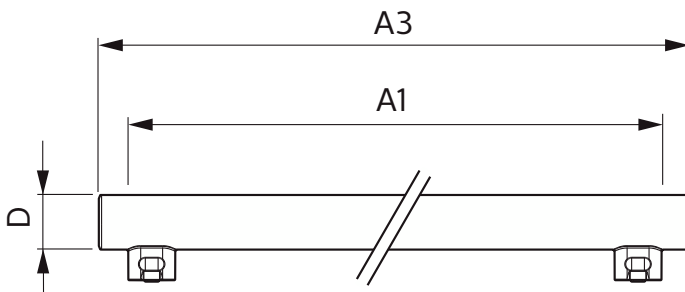
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.5 W
Lamp Current (Nom)	32 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Inrush current at mains	2.5
Max. lamp no. on MCB B type 10A - Mains	159
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	220
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	30
Max. lamp no. on MCB B type 16A - Mains	306
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	330
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	49

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Ballast Compatibility	Mains
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	30 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	500 mm
Bulb Shape	Others
Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	4 kWh

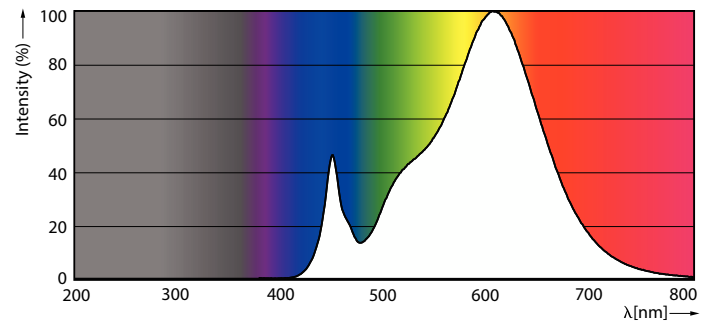
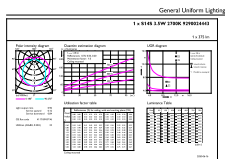
EPREL Registration Number	387350
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort
Product Data	
Order product name	LED 3.5W 500mm S14S WW ND 1CT/4
Full product name	LED 3.5W 500mm S14S WW ND 1CT/4
Full product code	871951426358100
Order code	929002444301
Material Nr. (12NC)	929002444301
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.140 kg
EAN/UPC - Product/Case	8719514263581
Numerator - Packs per outer box	4
EAN/UPC - Case	8719514263598

Dimensional drawing



Product	D1	D2	A1	A2	A3
LED 3.5W 500mm S14S WW ND 1CT/4	30 mm	30 mm	466.8 mm		499 mm

Photometric data

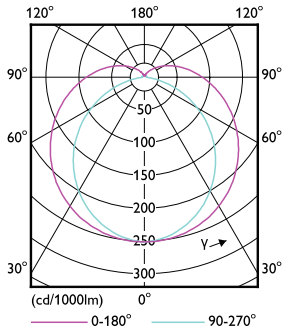


General uniform lighting - LED 3.5W 500mm S14S WW ND 1CT/4

Spectral Power Distribution Colour - LED 3.5W 500mm S14S WW ND 1CT/4

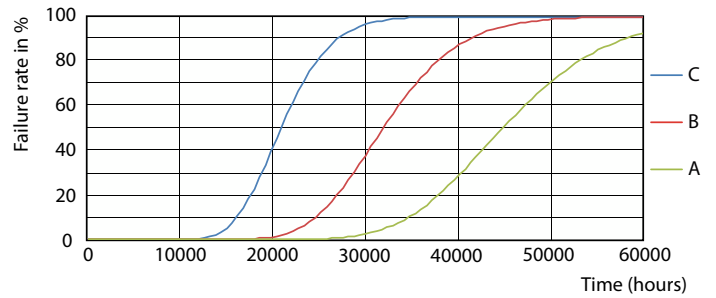
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Photometric data

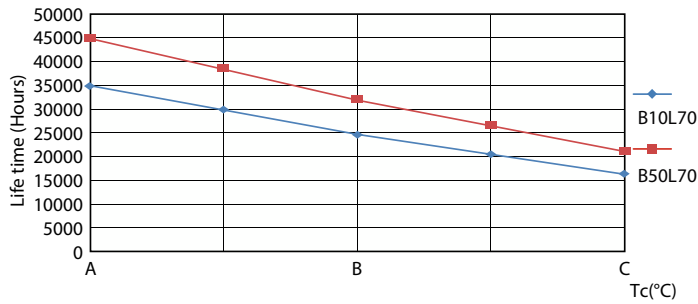


Light Distribution Diagram - LED 3.5W 500mm S14S WW ND 1CT/4

Lifetime

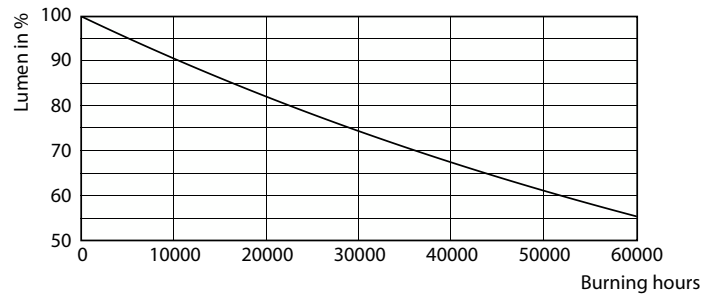


Life Expectancy Diagram



LEDtube 30K LifetimeVsTc

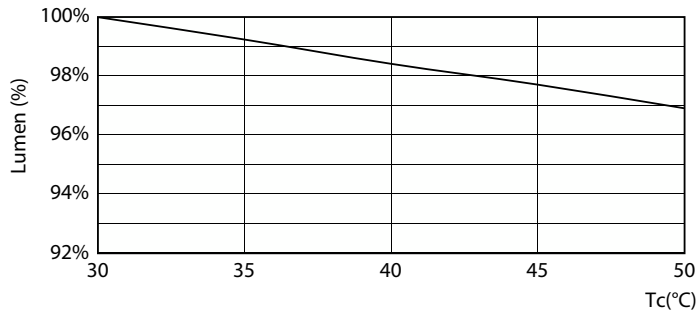
LEDtube 30K FailureRate



Lumen Maintenance Diagram - LED 3.5W 500mm S14S WW ND 1CT/4

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Lifetime



Lumen Maintenance Diagram - LED 3.5W 500mm S14S WW ND 1CT/4

