



## Other LED tube



### LED 3.5W 500mm S14D WW ND 1CT/4

LED, Others, Mains, 500 mm, 3.5 W, 2700 K, 375 lm, CRI 80, 30000 hour(s)

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

#### Product data

General Information	
Cap-Base	S14d
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	30,000 hour(s)
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	2 years
Light Technical	
Color Code	827 [CCT of 2700K]
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Beam Angle (Nom)	140 degree(s)
Luminous Flux	375 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	107 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	
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

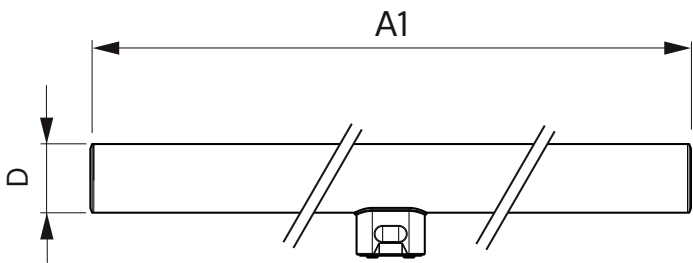
Other LED tube

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
Ballast Compatibility	Mains
Temperature	
T-Case Maximum (Nom)	30 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	500 mm
Overall length	500 mm
Overall width	30 mm
Overall height	500 mm
Dimensions (Height x Width x Depth)	500 x 30 x 500 mm
Bulb Shape	Others
Net Weight (Piece)	0.140 kg
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	387348
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	0.1
Stroboscopic effect visibility measure (SVM)	0.1
Ambient temperature range	-20 °C to 45 °C

Product Data	
Order product name	LED 3.5W 500mm S14D WW ND 1CT/4
Full product name	LED 3.5W 500mm S14D WW ND 1CT/4
Full product code	871951426364200
Order code	26364200
Material Nr. (12NC)	929002444101
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514263642
Numerator – Packs per outer box	4
EAN/UPC – Case	8719514263659

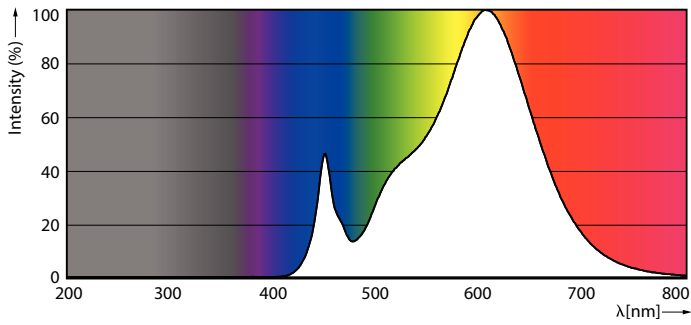
Dimensional drawing



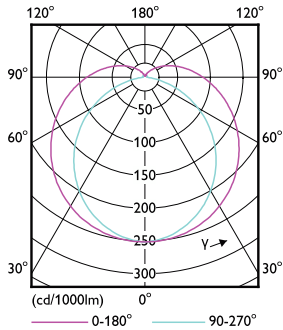
Product	D1	D2	A1	A2	A3
LED 3.5W 500mm S14D WW ND 1CT/4	30 mm	30 mm	266.8 mm		299 mm

Other LED tube

Photometric data

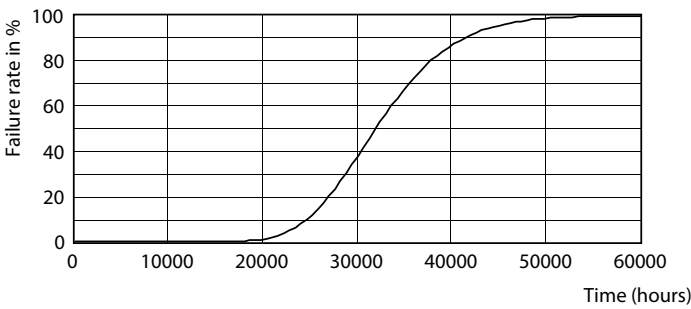


Spectral Power Distribution Colour - LED 3.5W 500mm S14D WW ND 1CT/4

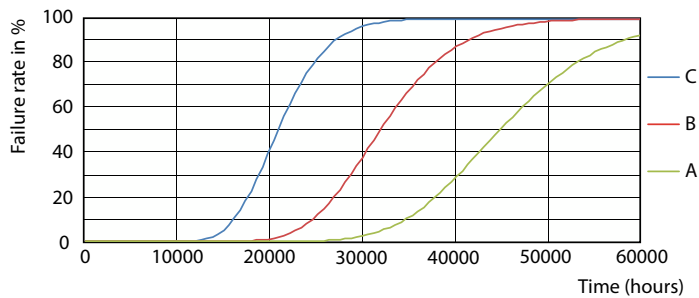


Light Distribution Diagram - LED 3.5W 500mm S14D WW ND 1CT/4

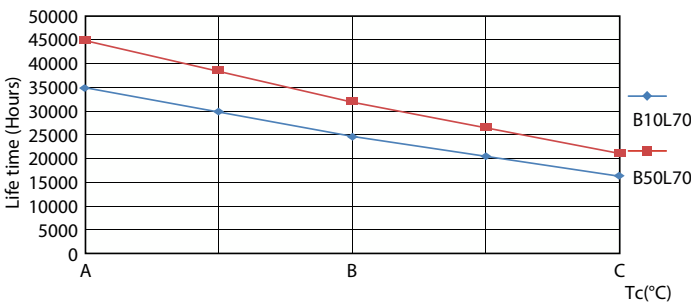
Lifetime



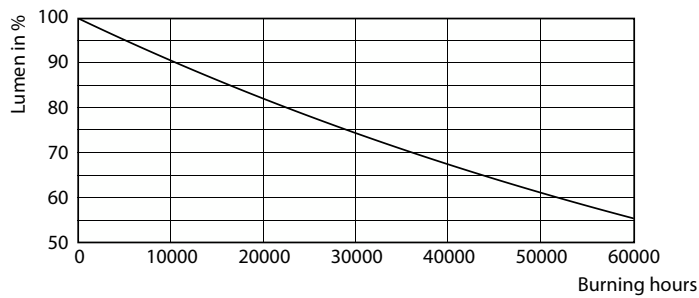
Life Expectancy Diagram



LEDtube 30K FailureRate



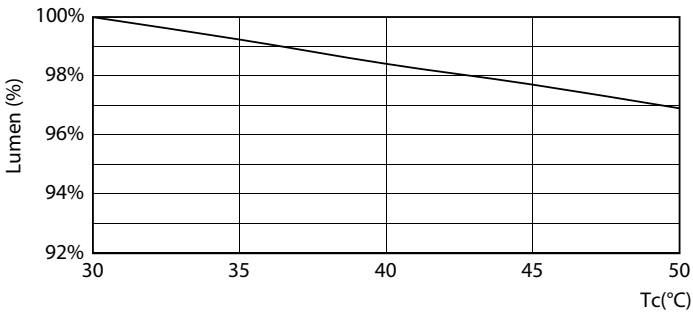
LEDtube 30K LifetimeVsTc



Lumen Maintenance Diagram - LED 3.5W 500mm S14D WW ND 1CT/4

Other LED tube

Lifetime



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