



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 [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]			
Color Code	827 [CCT of 2700K]			
Beam Angle (Nom)	140 degree(s)			
Luminous Flux	375 lumen			
Color Designation	Warm White (WW)			
Correlated Color Temperature (Nom)	2700 K			
Luminous Efficacy (rated) (Nom)	107.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			

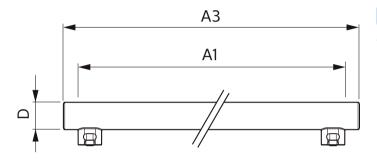
Power Consumption	3.5 W			
Lamp Current (Nom)	32 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.4			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	30 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	500 mm			
Bulb Shape	Others			
Approval and Application				
Energy Saving Product	Yes			

Datasheet, 2023, May 22 data subject to change

Approval Marks	RoHS compliance CE marking KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	4 kWh			
EPREL Registration Number	387,350			
EU RoHS compliant	Yes			
Product Data				
Full product code	871951426358100			
Order product name	LED 3.5W 500mm S14S WW ND 1CT/4			

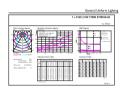
Order code	929002444301				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material number (12NC)	929002444301				
Full product name	LED 3.5W 500mm S14S WW ND 1CT/4				
EAN/UPC - Case	8719514263598				

Dimensional drawing

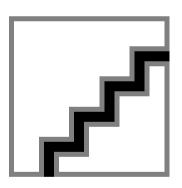


Product	D1	D2	A1	A2 A3
LED 3.5W 500mm S14S WW ND 1CT/4	30 mm	30 mm	466.8 mm	499 mm

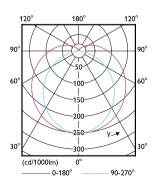
Photometric data



Calculus Photometrics 4.5 Philips Lighting 8.V. Page: UT

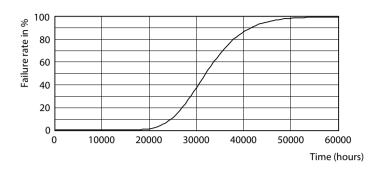


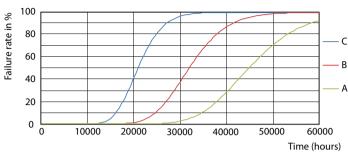
Spectral Power Distribution Colour - LED 3.5W 500mm S14S WW ND 1CT/4



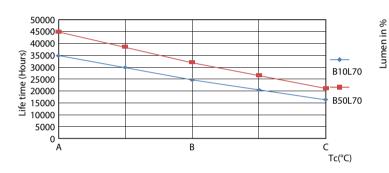
Light Distribution Diagram - LED 3.5W 500mm S14S WW ND 1CT/4

Lifetime

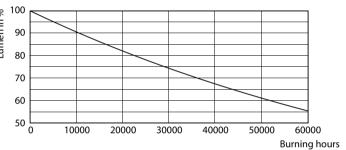




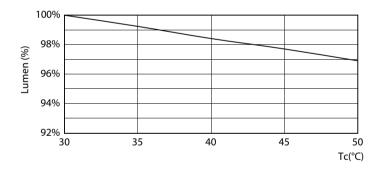
Life Expectancy Diagram - LED 3.5W 500mm S14S WW ND 1CT/4



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

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