Input Frequency

PHILIPS Lighting

Other LEDtube

LED 2.2W 300mm 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	250 lumen				
Color Designation	Warm White (WW)				
Correlated Color Temperature (Nom)	2700 K				
Luminous Efficacy (rated) (Nom)	113.00 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				

50 to 60 Hz

Power Consumption	2.2 W			
Lamp Current (Nom)	22 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 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	300 mm			
Bulb Shape	Others			
Approval and Application				
Energy Efficiency Class	E			
Energy Saving Product	Yes			



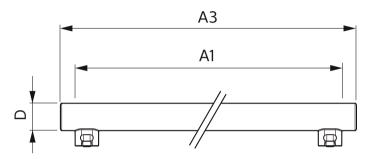


Other LEDtube

Approval Marks	RoHS compliance CE marking KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	3 kWh				
EPREL Registration Number	387349				
EU RoHS compliant	Yes				
Product Data					
Full product code	871951426356700				
Order product name	LED 2.2W 300mm S14S WW ND 1CT/4				

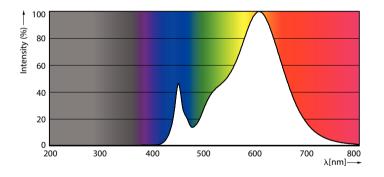
Order code	929002444201
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material number (12NC)	929002444201
Full product name	LED 2.2W 300mm S14S WW ND 1CT/4
EAN/UPC - Case	8719514263574

Dimensional drawing



Product	D1	D2	A1	A2	A3
LED 2.2W 300mm S14S WW ND 1CT/4	30 mm	30 mm	266.8 mm		299 mm

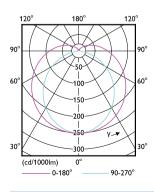
Photometric data



Spectral Power Distribution Colour - LED 2.2W 300mm S14S WW ND 1CT/4



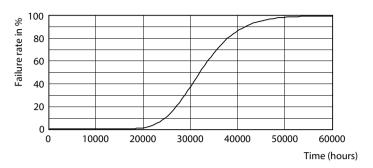
General uniform lighting - LED 2.2W 300mm S14S WW ND 1CT/4

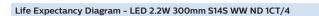


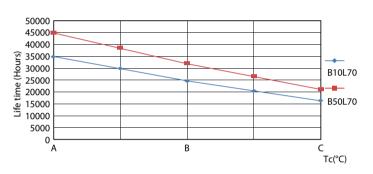
Light Distribution Diagram - LED 2.2W 300mm S14S WW ND 1CT/4

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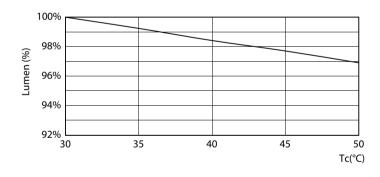
Lifetime



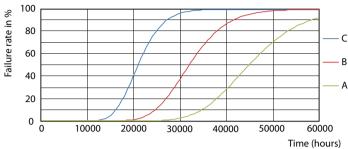


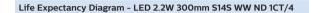


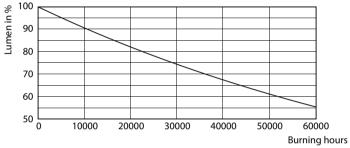
Life Expectancy Diagram - LED 2.2W 300mm S14S WW ND 1CT/4











Lumen Maintenance Diagram - LED 2.2W 300mm S14S WW ND 1CT/4

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www.lighting.philips.com 2023, June 2 - data subject to change