PHILIPS

Lighting

Other LED tube

LED 2.2W 300mm S14S WW ND 1CT/4

LEDtube, Others, Mains, 300 mm, 2.2 W, 35W, 2700 K, 250 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 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	LEDtube
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	250 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	113 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	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
LED alternative to fluorescent lamp power	35W
Inrush current at mains	1.5
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

Other LED tube

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
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	300 mm
Overall length	300 mm
Overall width	30 mm
Overall height	300 mm
Dimensions (Height x Width x Depth)	300 x 30 x 300 mm
Bulb Shape	Others
Net Weight (Piece)	0.100 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	387349
CE mark	Yes
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

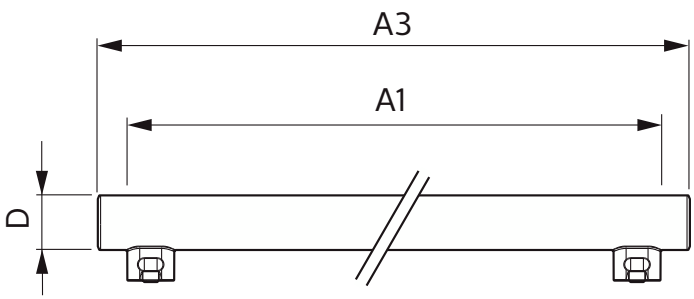
Application Conditions

Wireless Technology	Not applicable

Product Data

Order product name	LED 2.2W 300mm S14S WW ND 1CT/4
Full product name	LED 2.2W 300mm S14S WW ND 1CT/4
Full product code	871951426356700
Order code	26356700
Material Nr. (12NC)	929002444201
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514263567
Numerator - Packs per outer box	4
EAN/UPC - Case	8719514263574

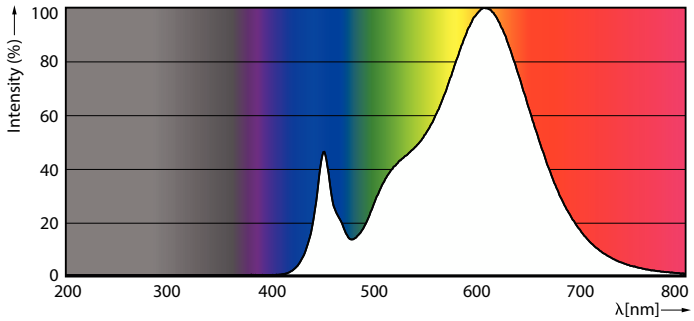
Dimensional drawing



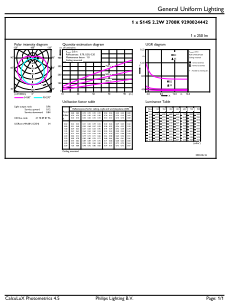
Product	D1	D2	A1	A2	A3
LED 2.2W 300mm S14S WW ND 1CT/4	30 mm	30 mm	266.8 mm		299 mm

Other LED tube

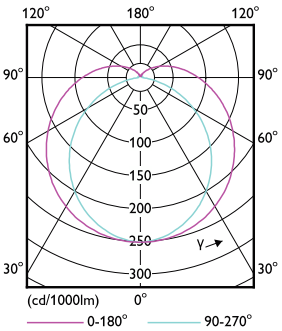
Photometric data



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

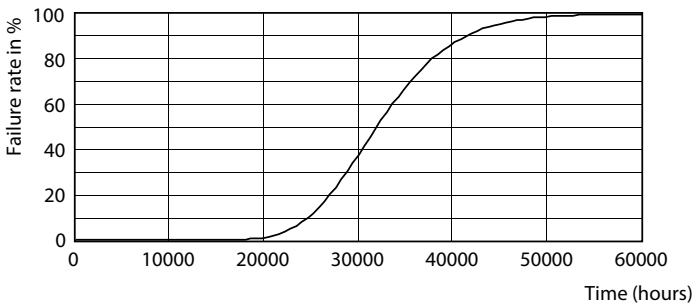


General uniform lighting - LED 2.2W 300mm S14S WW ND 1CT/4

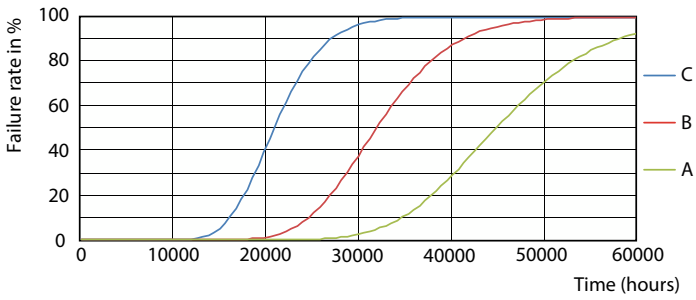


Light Distribution Diagram - LED 2.2W 300mm S14S WW ND 1CT/4

Lifetime



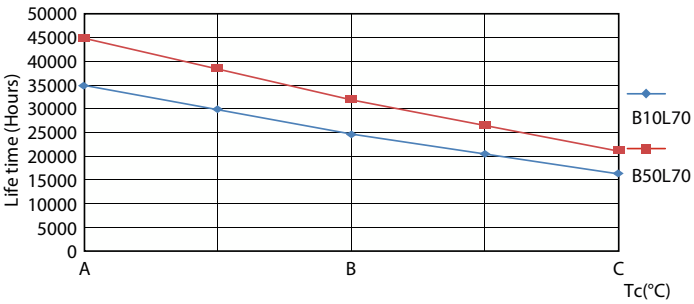
Life Expectancy Diagram



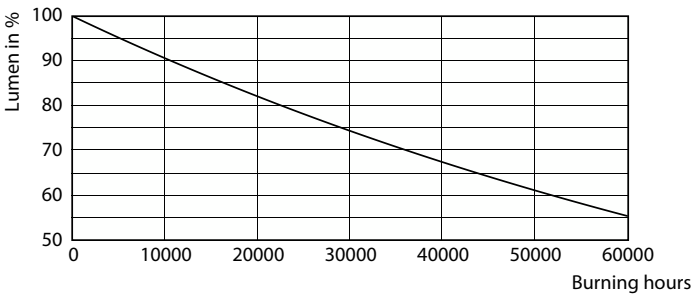
LEDtube 30K FailureRate

Other LED tube

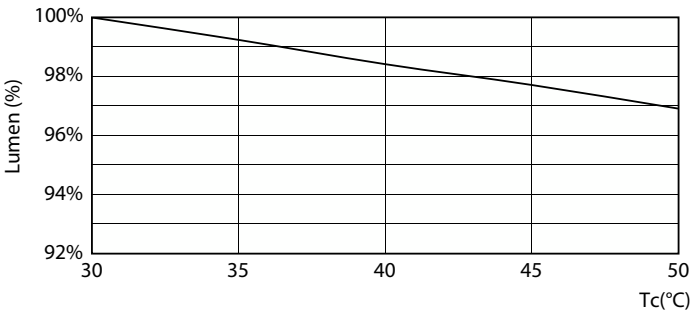
Lifetime



LEDtube 30K LifetimeVsTc



Lumen Maintenance 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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