



Other LEDtube



LED 4.5W 310mm S19 WW ND 1CT/4

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	S19 [S19]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
Technical Type	4.5-60W
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	175 °
Luminous Flux (Nom)	480 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	106.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	4.5 W
Lamp Current (Nom)	40 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °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	F

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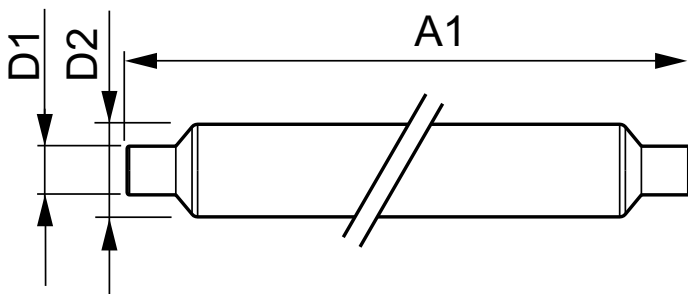
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387346

Product Data

Full product code	871951426360400
Order product name	LED 4.5W 310mm S19 WW ND 1CT/4

EAN/UPC - Product	8719514263604
Order code	929002443801
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	929002443801
Net Weight (Piece)	0.076 kg

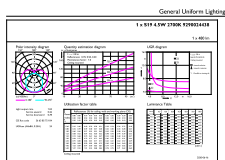
Dimensional drawing



LED 220-240V 4.5-60W 480lm 2700K S19

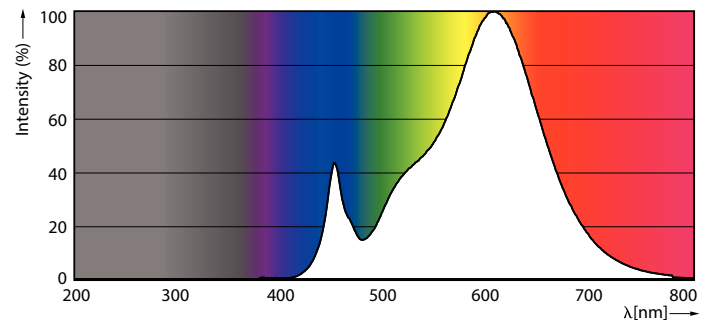
Product	D1	D2	A1	A2	A3
LED 4.5W 310mm S19 WW ND 1CT/4	38 mm	38 mm	273.6 mm		310 mm

Photometric data



OSRAM Powerline S19 Philips Lighting BV Page 11

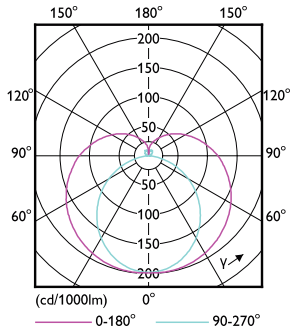
LEDtube 4,5W S19 480lm 827



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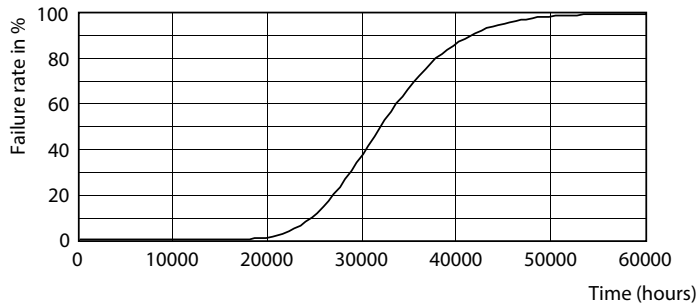
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Photometric data

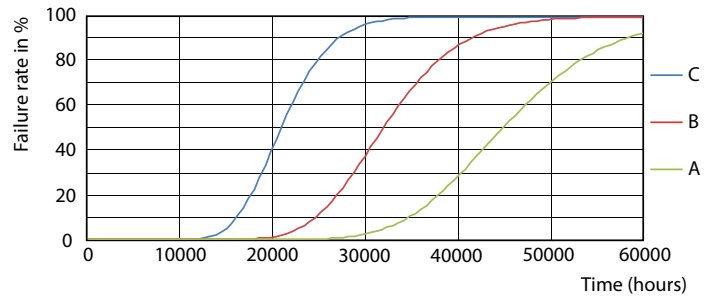


LEDtube 4,5W S19 480lm

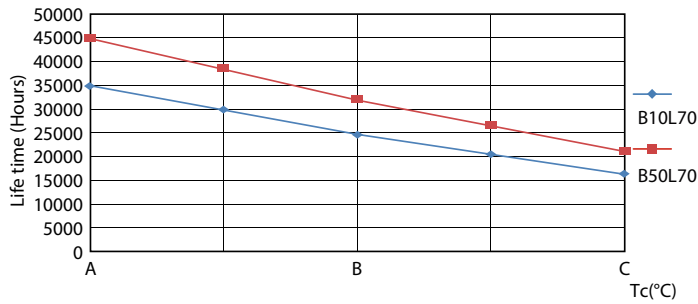
Lifetime



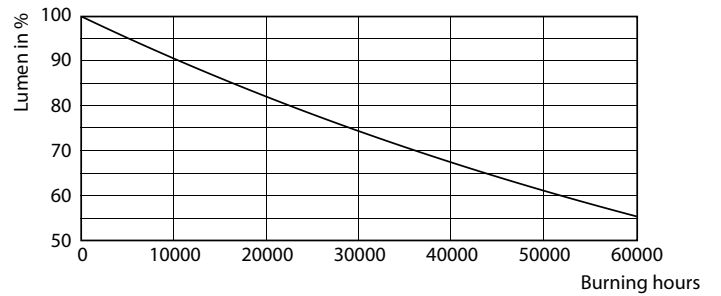
LEDtube 30K



LEDtube 30K FailureRate



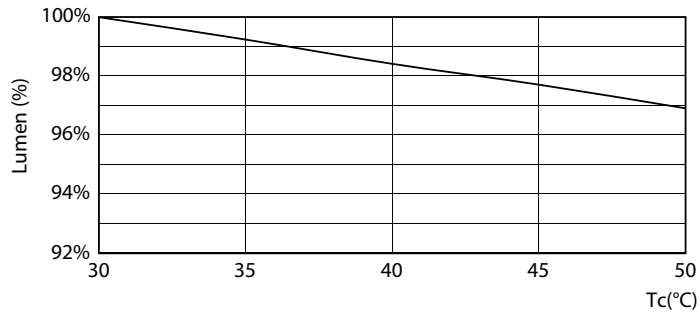
LEDtube 30K LifetimeVsTc



LEDtube 30K

Other LEDtube

Lifetime



LEDtube S14 30K LumenVsTc

