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PHILIPS

Lighting

PHILIPS

Other LEDtube

LED 4.5W 500mm S14D 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	S14D [S14d]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 h
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	140 degree(s)
Luminous Flux	375 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	83.33 lm/W
Colour consistency	<6
Colour rendering index (CRI)	83
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	4.5 W

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.)	45 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Lamp Finish	Frosted	
Product length	500 mm	
Bulb shape	Tube, double-ended	
Approval and Application		
Energy-saving product	Yes	
Suitable for accent lighting	No	
Approval marks	CE marking RoHS compliance KEMA Keur	
	certificate	

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Energy consumption kWh/1,000 hours	5 kWh	
Product Data		
Order product name	LED 4.5W 500mm S14D WW ND 1CT/4	
Full product name	LED 4.5W 500mm S14D WW ND 1CT/4	
Full EOC	871869658607500	
Order code	58607500	

Material no. (12 NC)	929001249401
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8718696586075
Numerator – packs per outer box	4
EAN/UPC - Case	8718696586082

Dimensional drawing



Product	D	A1
LED 4.5W 500mm S14D WW ND 1CT/4	30 mm	466.8 mm

Photometric data



Spectral Power Distribution Colour - LED 4.5W 500mm S14D WW ND 1CT/4

General uniform lighting - LED 4.5W 500mm S14D WW ND 1CT/4



Light Distribution Diagram - LED 4.5W 500mm S14D WW ND 1CT/4

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