

T5

14T5HE/46-835/IF20/G/DIM 10/1

Philips T5 LED tubes offer an affordable, energy saving retrofit solution. The T5 HE lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year warranty to back it up. The lighting performance effectively replaces conventional fluorescent T5 HE lamps. Available as a Type A, plug-and-play replacement, Philips T5 HE TLEDs provide a variety of options for T5 HE applications.

Product data

General information	
Base	G5 [G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	142.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	40000-110000 Hz
Power (Rated) (Nom)	14 W
Lamp Current (Max)	350 mA

Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast
Power Factor (Nom)	0.9
Voltage (Nom)	70-105 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)	70 °C

Controls and dimming	
Dimmable	Yes

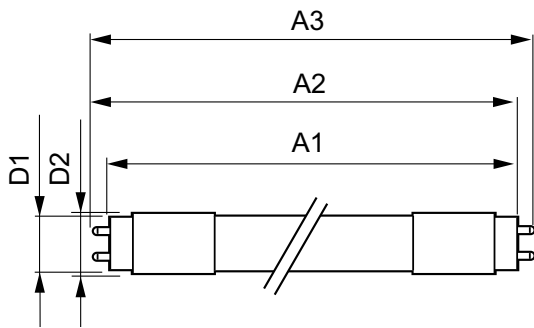
Mechanical and housing	
Bulb Material	Glass
Product Length	48 in

T5

Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard
Product data	
Order product name	14T5HE/46-835/IF20/G/DIM 10/1

EAN/UPC - Product	046677476502
Order code	476507
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001824004
Net Weight (Piece)	0.146 kg
Model Number	9290018240

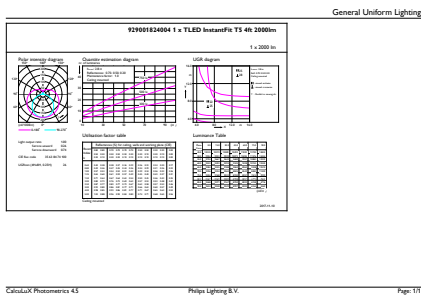
Dimensional drawing



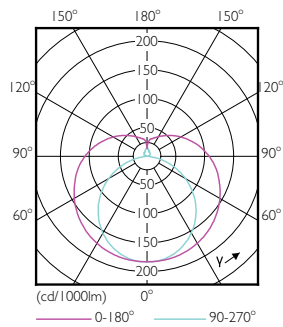
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Product	D1	D2	A1	A2	A3
14T5HE/46-835/IF20/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm

Photometric data

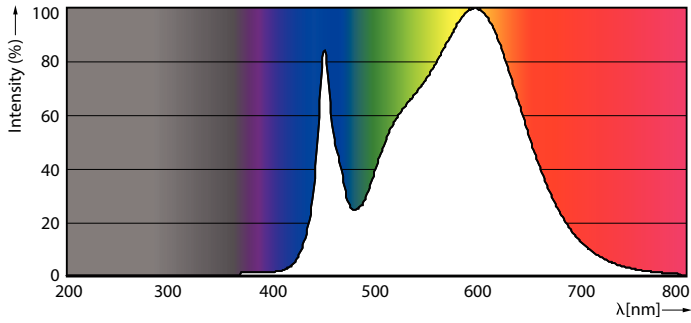


LEDtube 14W G5 835 200D DIM IF20



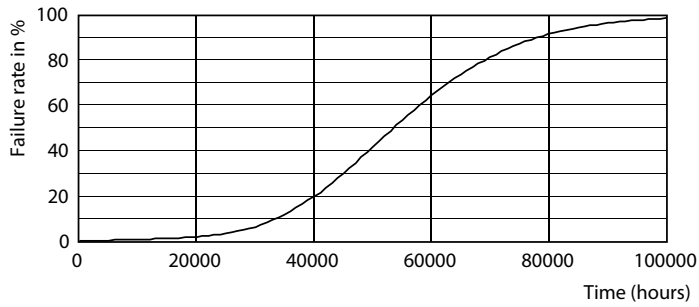
LEDtube 8W G5 830 200D DIM IF10

Photometric data

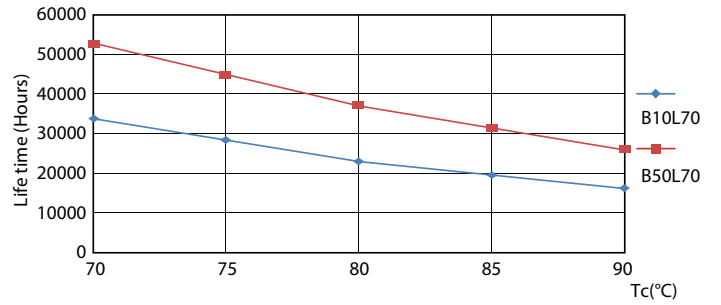


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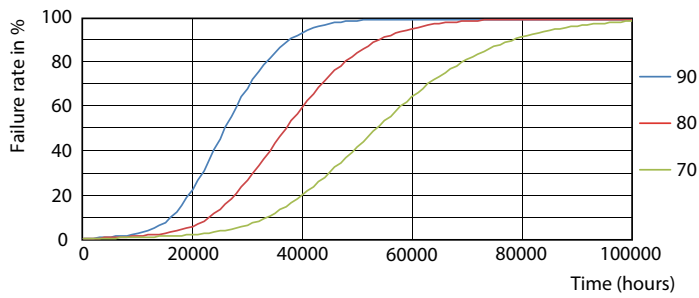
Lifetime



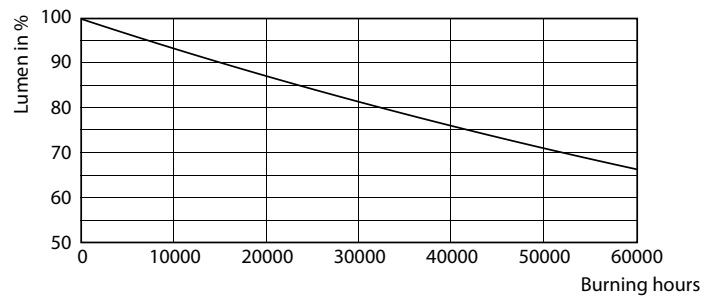
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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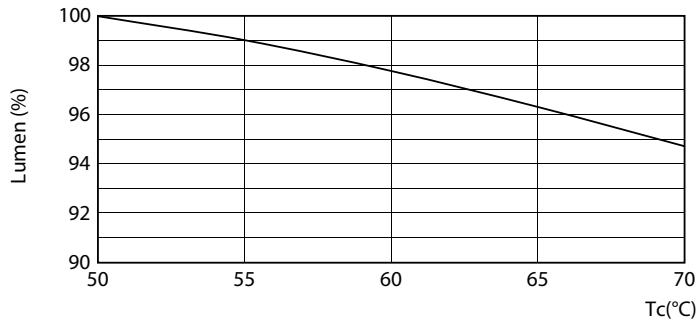
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T5

Lifetime



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