



T5

14T5HE/46-840/IF21/G/DIM 10/1

Philips T5 HE 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	841 [CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	2100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 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

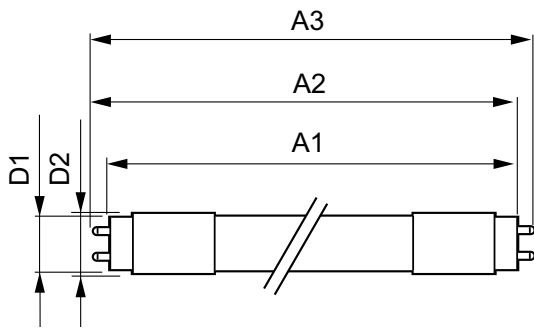
Mechanical and Housing	
Bulb Material	Glass
Product Length	48 in

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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/46-840/IF21/G/DIM 10/1

EAN/UPC - Product	046677476519
Order code	476515
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001824104
Net Weight (Piece)	0.146 kg
Model Number	9290018241

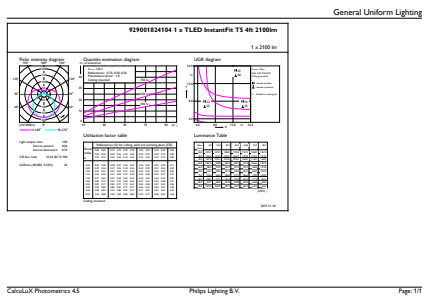
Dimensional drawing



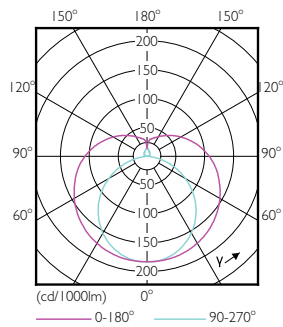
TLED 1200mm HFV16-28W 2100lm 4000K ND

Product	D1	D2	A1	A2	A3
14T5HE/46-840/IF21/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm

Photometric data

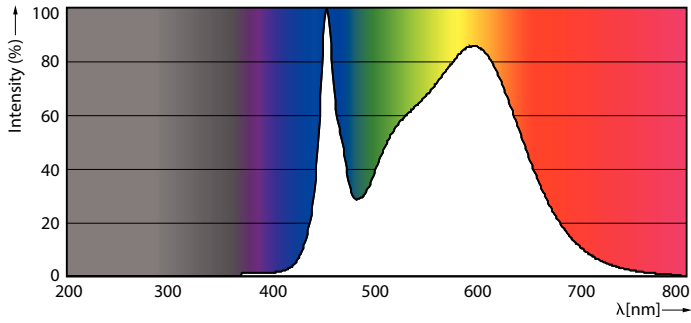


LEDtube 14W G5 840 200D DIM IF21



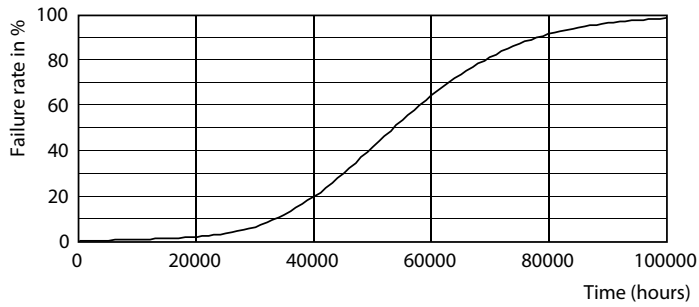
LEDtube 8W G5 830 200D DIM IF10

Photometric data

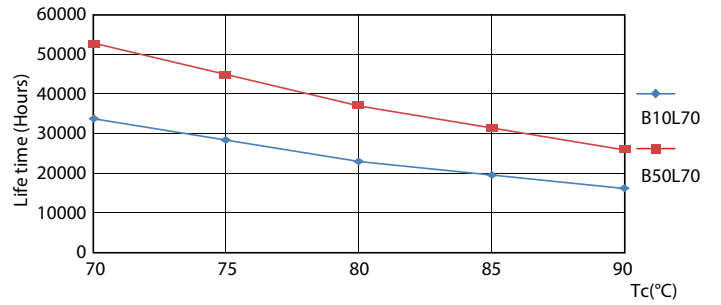


LEDtube 14W G5 840 200D DIM IF21

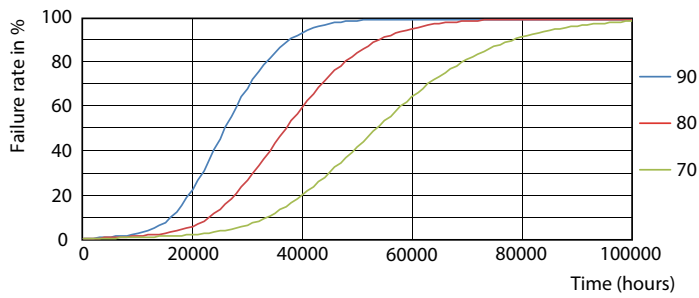
Lifetime



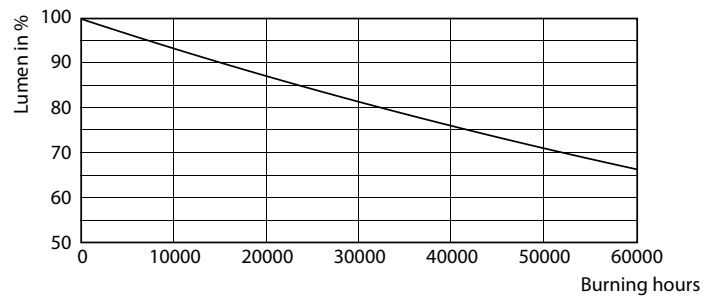
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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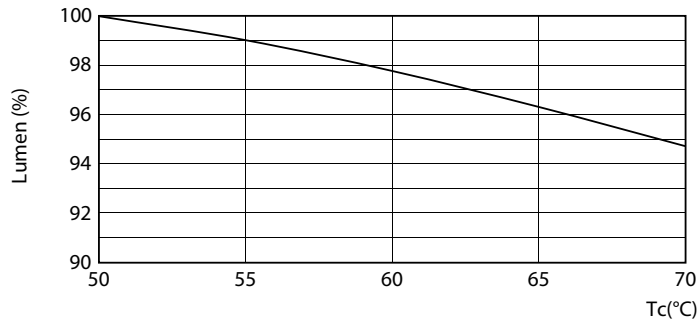
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Lifetime



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