

T5

14T5HE/46-850/IF21/G/DIM 10/1

Philips T5 LED tubes offer an affordable, energy saving retrofit solution. The T5 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 HO or T5 HE lamps. Available in either InstantFit (Type A or Type C) or MainsFit (Type B / Ballast bypass), Philips T5 TLEDs provide a variety of options for any application.

Product data

General Information	
Cap-Base	G5 [G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	2100 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<5
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	
Product Length	1200 mm

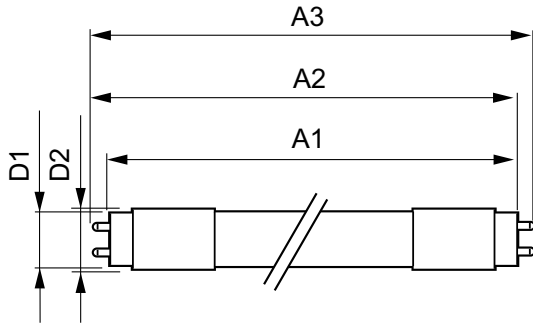
Approval and Application	
Energy Saving Product	Yes

T5

Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
Product Data	
Order product name	14T5HE/46-850/IF21/G/DIM 10/1
EAN/UPC - Product	046677476526

Order code	476523
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001824204
Net Weight (Piece)	0.146 kg

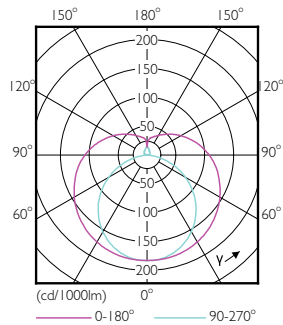
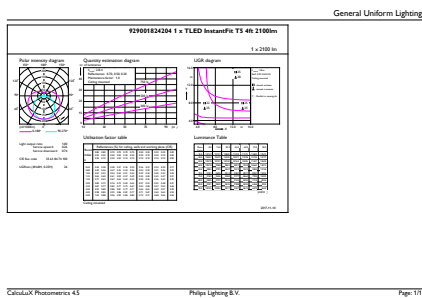
Dimensional drawing



TLED 1200mm HFV16-28W 2100lm 5000K ND

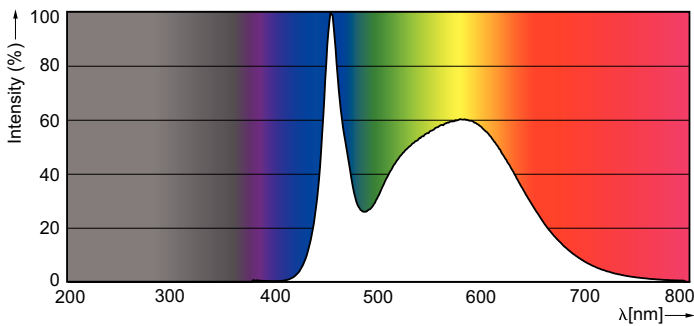
Product	D1	D2	A1	A2	A3
14T5HE/46-850/IF21/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm

Photometric data



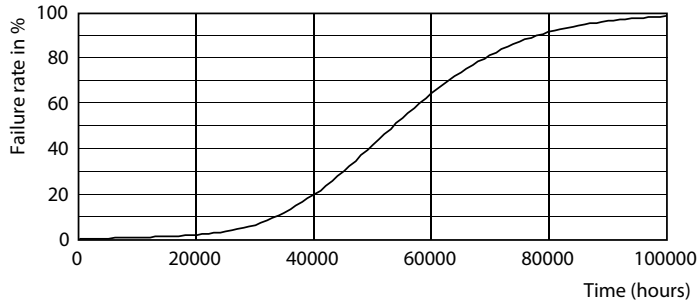
LEDtube 14W G5 850 200D DIM IF21

LEDtube 8W G5 830 200D DIM IF10

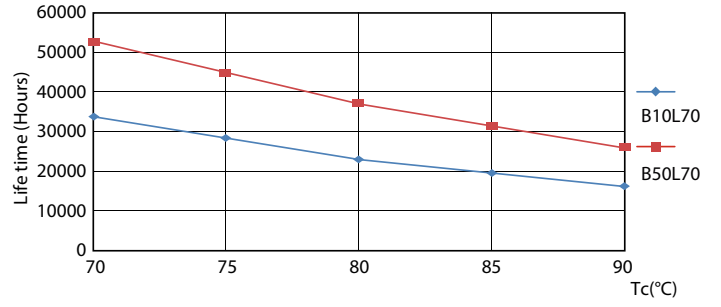


LEDtube 1200mm 17 W /850

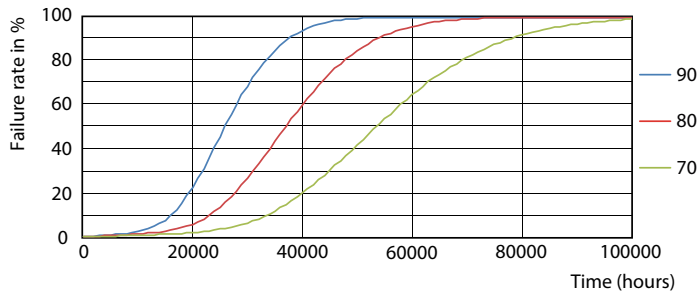
Lifetime



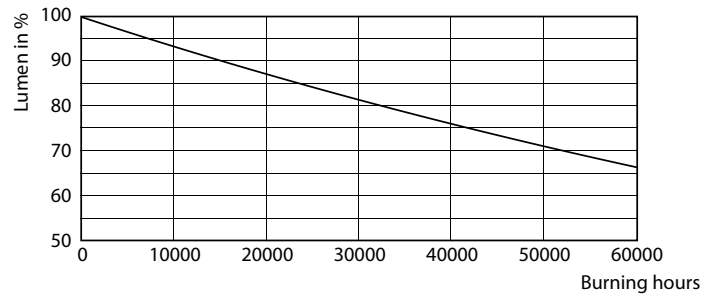
LEDtube 8-14W G5 830-850 200D DIM IF10-21



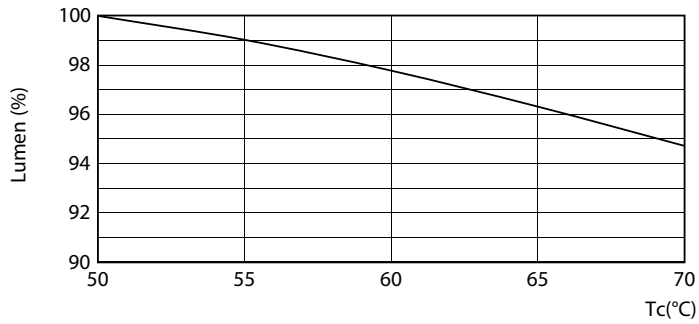
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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