

LED InstantFit Lamps

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

Philips LED T5 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information	
Cap-Base	G5 [G5]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	200 °
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
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
Approbation Marks	UL certificate RoHS compliance DLC compliance

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

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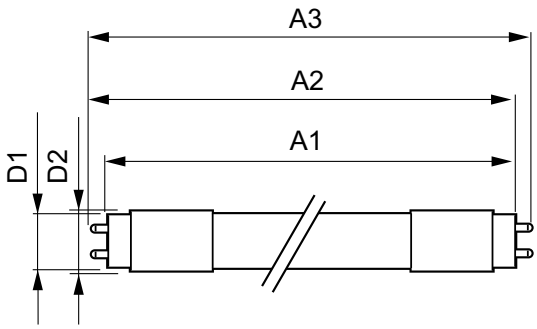
Material Nr. (12NC)	929001824204
Net Weight (Piece)	0.146 kg
Model Number	9290018242

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

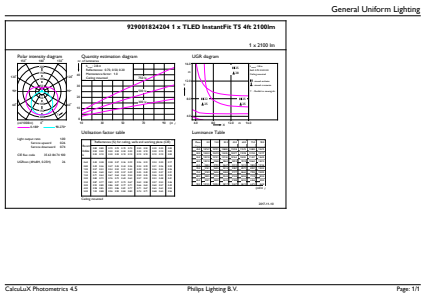
Dimensional drawing

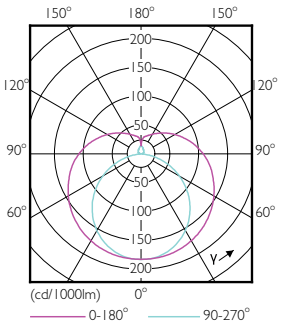


Product	D1	D2	A1	A2	A3
14T5HE/46-850/IF21/G/DIM 10/1	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm

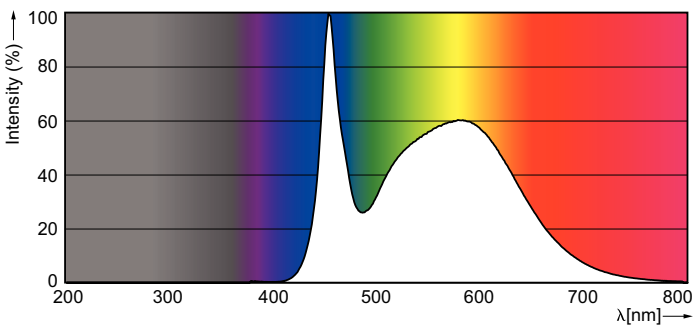
TLED 1200mm HFV16-28W 2100lm 5000K ND

Photometric data



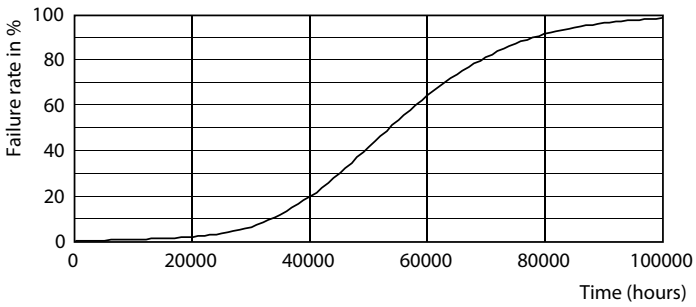


LEDtube 8W G5 830 200D DIM IF10

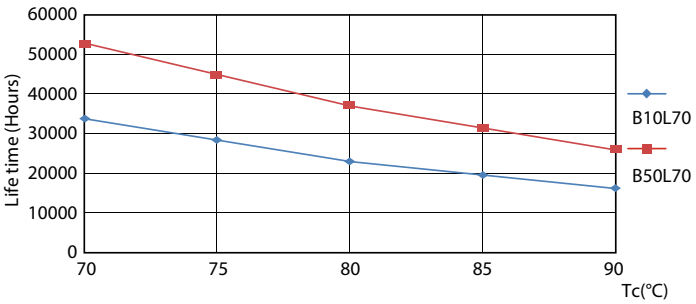


LEDtube 1200mm 17 W /850

Lifetime



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



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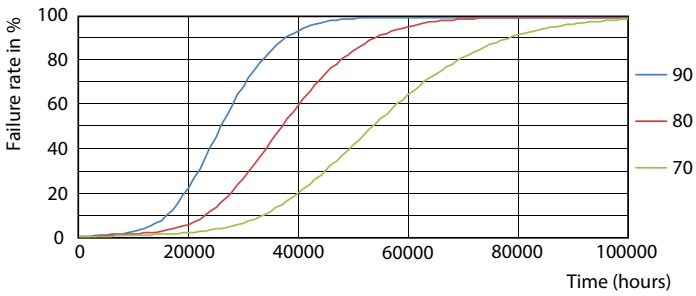

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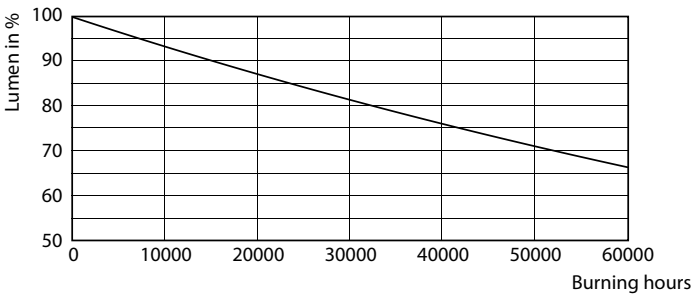

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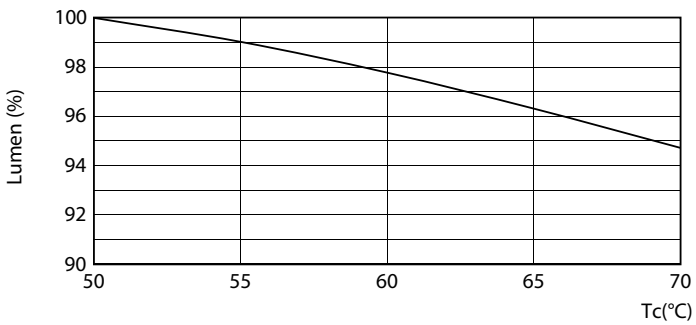

LEDtube 8-14W G5 830-850 200D DIM IF10-21



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2018, July 23 - data subject to change