

LED InstantFit Lamps

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

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information		Voltage (Nom)		70-105 V
Cap-Base	G5 [G5]	Temperature		
Nominal Lifetime (Nom)	50000 h	T-Ambient (Max)	45 °C	
Switching Cycle	50000X	T-Ambient (Min)	-20 °C	
B50L70	50000 h	T-Storage (Max)	65 °C	
Light Technical		T-Storage (Min)	-40 °C	
Color Code	835 [CCT of 3500K]	T-Case Maximum (Nom)	70 °C	
Beam Angle (Nom)	200 °	Controls and Dimming		
Initial lumen (Nom)	2000 lm	Dimmable	Yes	
Luminous Flux (Rated) (Nom)	2000 lm	Mechanical and Housing		
Rated Beam Angle	200 °	Product Length	1200 mm	
Correlated Color Temperature (Nom)	3500 K	Approval and Application		
Color Consistency	<6	Energy Saving Product	Yes	
Color Rendering Index (Nom)	82	Approbation Marks	UL certificate RoHS compliance DLC compliance	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data		
Operating and Electrical		Order product name	14T5HE/46-835/IF20/G/DIM 10/1	
Input Frequency	40000-110000 Hz	EAN/UPC - Product	046677476502	
Power (Rated) (Nom)	14 W	Order code	476507	
Lamp Current (Max)	350 mA	Numerator - Quantity Per Pack	1	
Lamp Current (Min)	150 mA	Numerator - Packs per outer box	10	
Starting Time (Nom)	0.5 s			
Warm Up Time to 60% Light (Nom)	0.5 s			
Power Factor (Nom)	0.9			

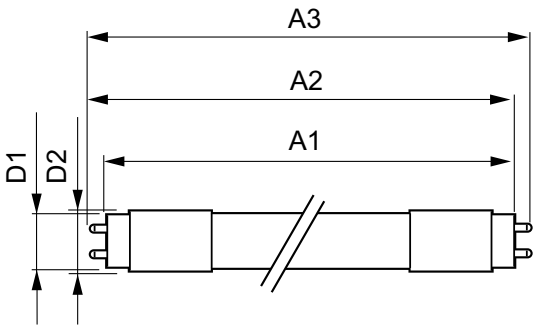
LED InstantFit Lamps

Material Nr. (12NC)	929001824004
Net Weight (Piece)	0.146 kg
Model Number	9290018240

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.

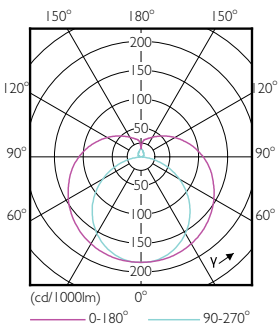
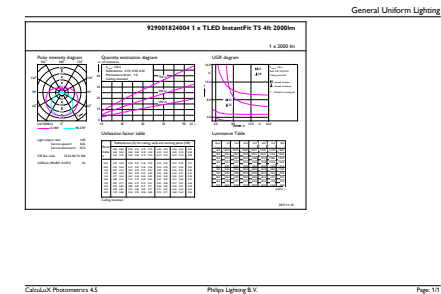
Dimensional drawing



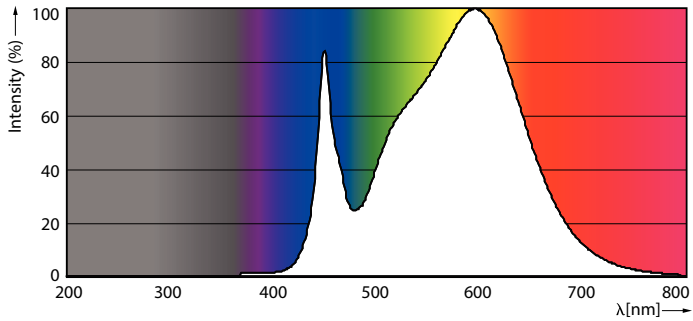
TLED 1200mm HFV16-28W 2100lm 3500K ND

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

Photometric data



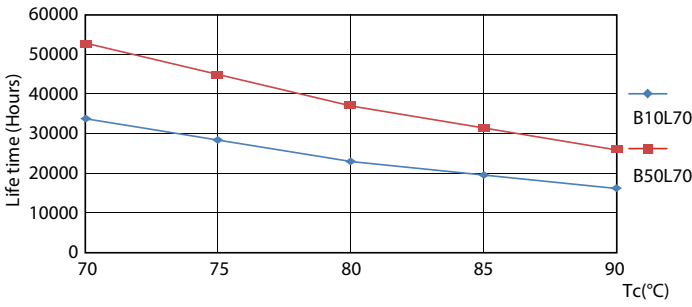
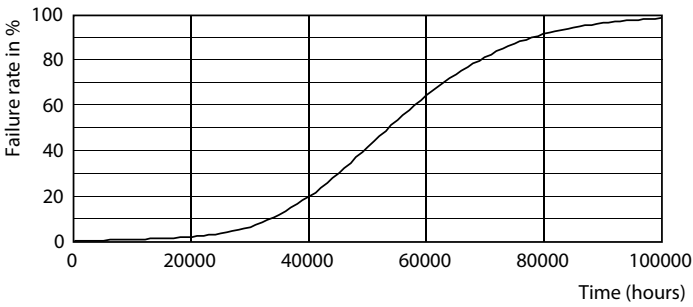
LEDtube 8W G5 830 200D DIM IF10



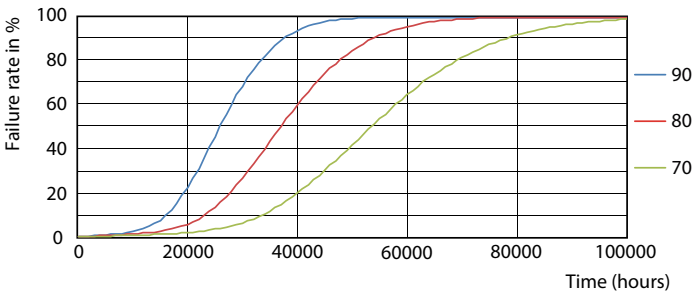
LEDtube 14W G5 835 200D DIM IF20

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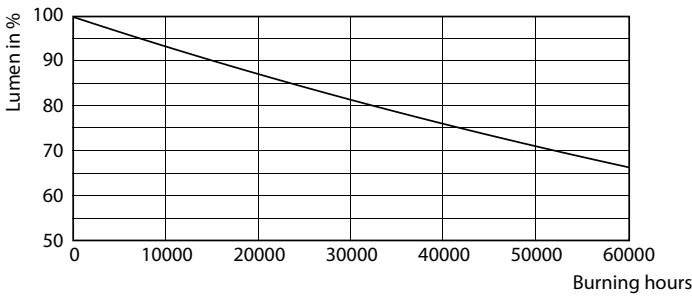
Lifetime



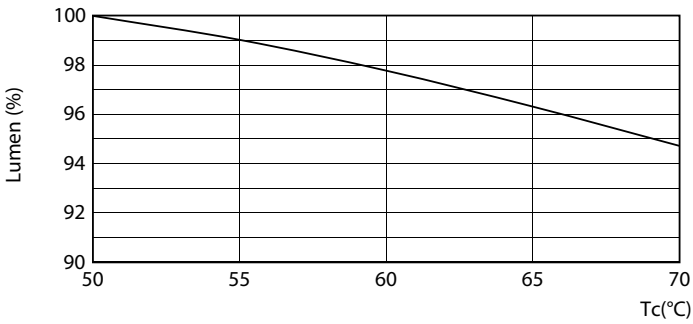
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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