



LED InstantFit Lamps

14T5HE/46-830/IF20/G/DIM 10/1

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

Product data

General Information		Voltage (Nom)	
Cap-Base	G5 [G5]	70-105 V	
Nominal Lifetime (Nom)	50000 h	Temperature	
Switching Cycle	50000X	T-Ambient (Max)	45 °C
B50L70	50000 h	T-Ambient (Min)	-20 °C
Light Technical		T-Storage (Max)	65 °C
Color Code	830 [CCT of 3000K]	T-Storage (Min)	-40 °C
Beam Angle (Nom)	200 °	T-Case Maximum (Nom)	70 °C
Initial lumen (Nom)	2000 lm	Controls and Dimming	
Luminous Flux (Rated) (Nom)	2000 lm	Dimmable	Yes
Rated Beam Angle	200 °	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Product Length	1200 mm
Color Consistency	<6	Approval and Application	
Color Rendering Index (Nom)	82	Energy Saving Product	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approbation Marks	UL certificate RoHS compliance
Operating and Electrical		Product Data	
Input Frequency	40000-110000 Hz	Order product name	14T5HE/46-830/IF20/G/DIM 10/1
Power (Rated) (Nom)	14 W	EAN/UPC - Product	046677476496
Lamp Current (Max)	350 mA	Order code	476499
Lamp Current (Min)	150 mA	Numerator - Quantity Per Pack	1
Starting Time (Nom)	0.5 s	Numerator - Packs per outer box	10
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.9		

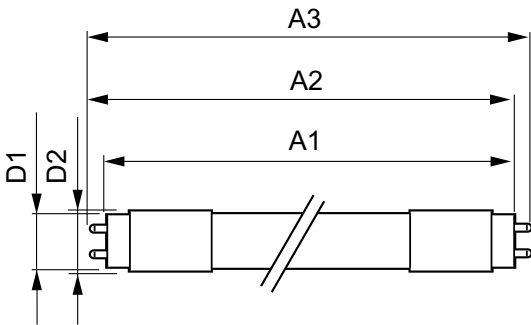
LED InstantFit Lamps

Material Nr. (12NC)	929001823904
Net Weight (Piece)	0.146 kg
Model Number	9290018239

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.

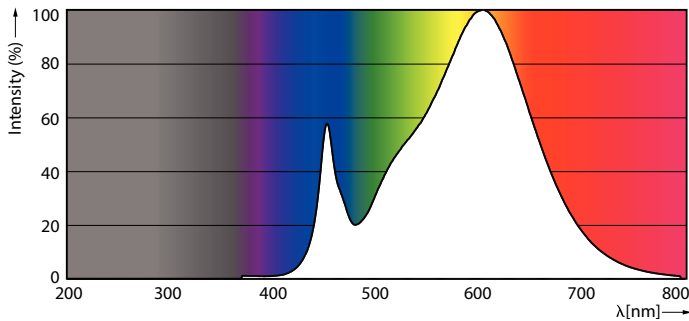
Dimensional drawing



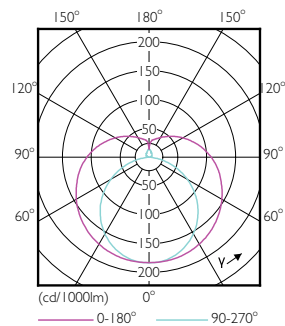
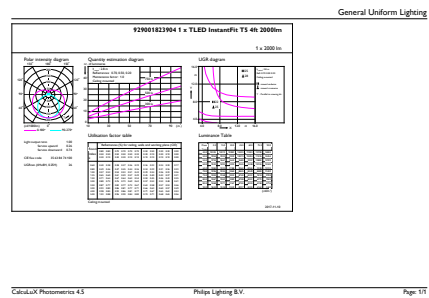
TLED 1200mm HFV16-28W 2100lm 3000K ND

Product	D1	D2	A1	A2	A3
14T5HE/46-830/IF20/G/DIM	15.3 mm	18.4 mm	1147.8 mm	1154.9 mm	1162 mm
10/1					

Photometric data



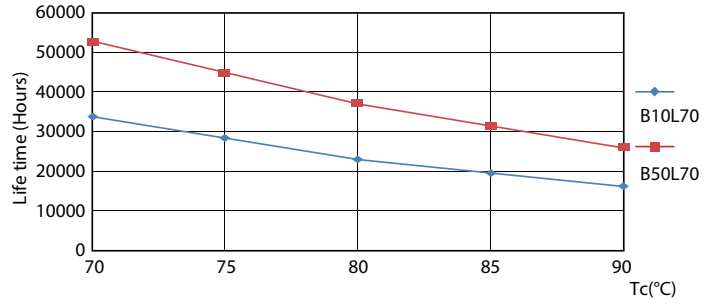
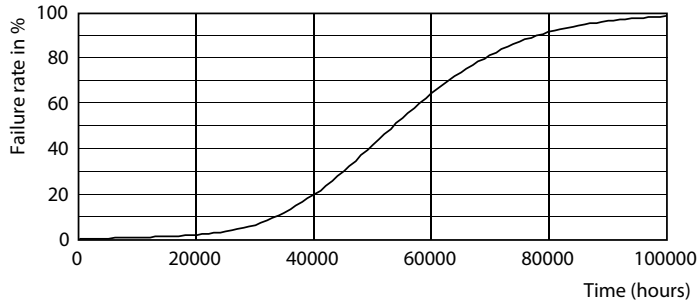
LEDtube PLC 400mm 16-5W 2G11 830 2000lm



LEDtube 8W G5 830 200D DIM IF10

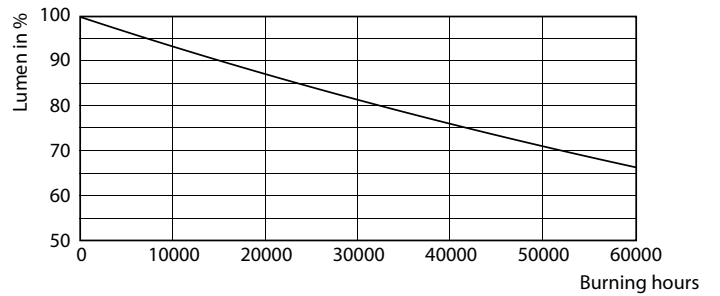
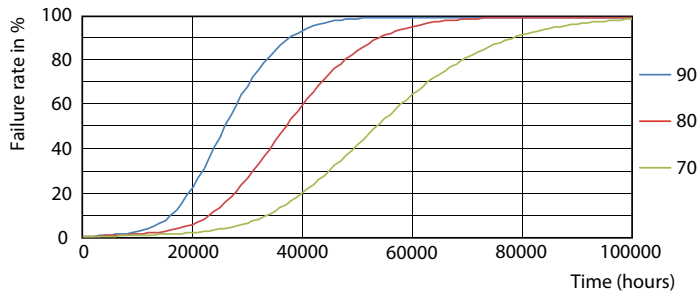
LED InstantFit Lamps

Lifetime



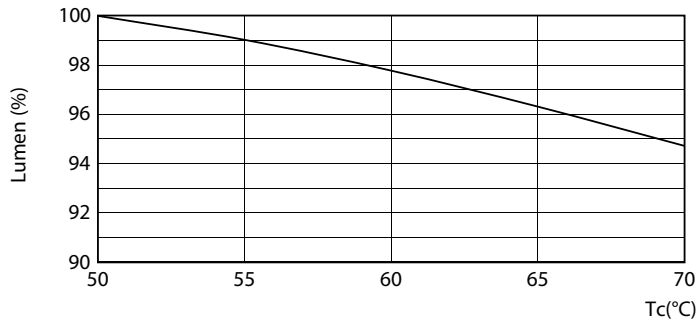
LEDtube 8-14W G5 830-850 200D DIM IF10-21

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



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

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



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