

# LED InstantFit Lamps

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

Philips LED T8 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	841 [ CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	200 °
Correlated Color Temperature (Nom)	4000 K
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
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/46-840/IF21/G/DIM 10/1
EAN/UPC - Product	046677476519
Order code	476515
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

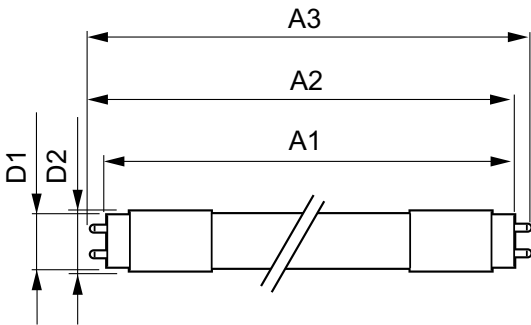
# LED InstantFit Lamps

Material Nr. (12NC)	929001824104
Net Weight (Piece)	0.146 kg
Model Number	9290018241

## 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](http://www.philips.com/instantfit).

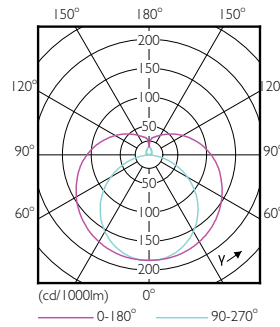
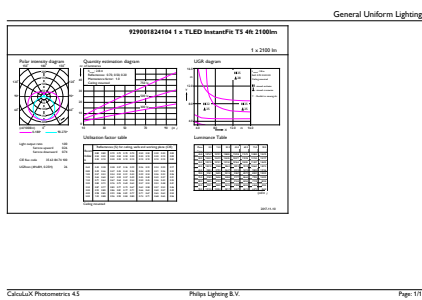
## Dimensional drawing



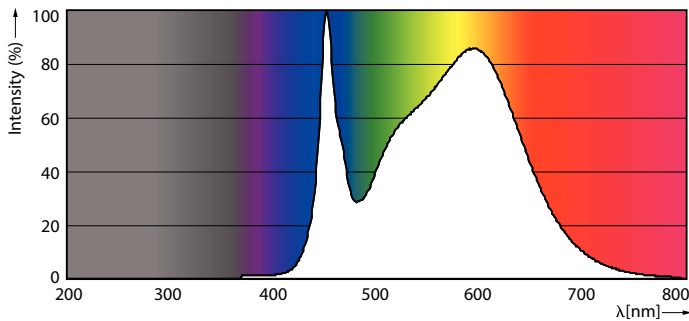
TLED 1200mm HFV16-28W 2100lm 4000K ND

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

## Photometric data



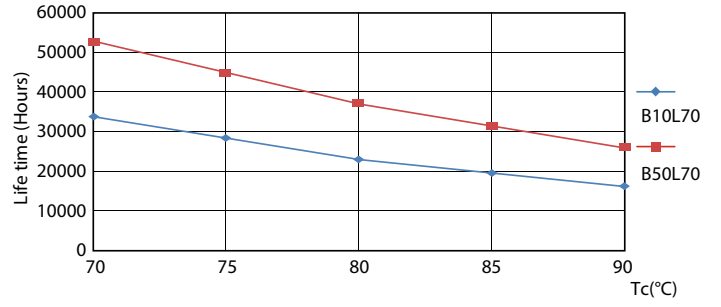
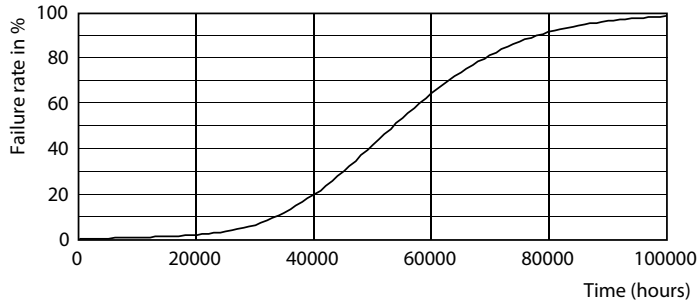
LEDtube 8W G5 830 200D DIM IF10



LEDtube 14W G5 840 200D DIM IF21

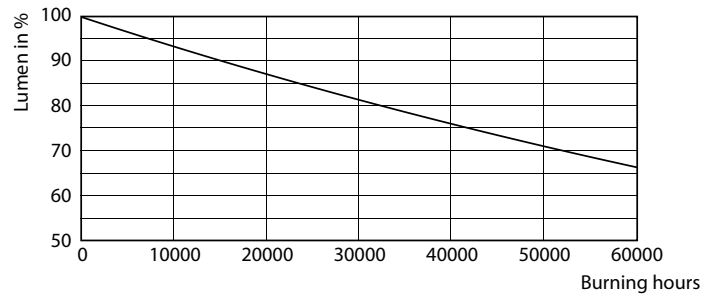
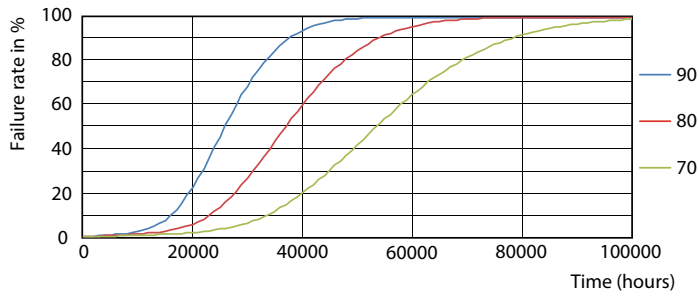
# LED InstantFit Lamps

## Lifetime



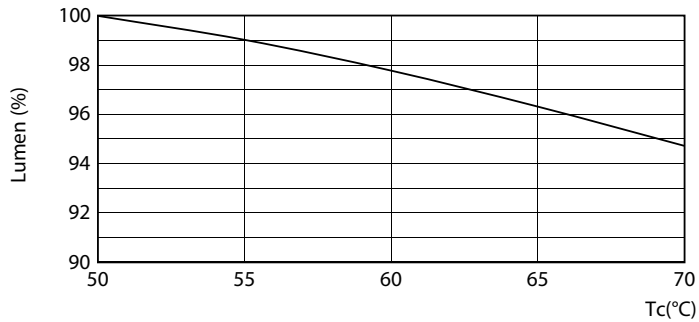
LEDtube 8-14W G5 830-850 200D DIM IF10-21

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