

# MasterConnect LEDtube InstantFit T8

## 14T8/48-5000 IF EasySmart 10/1

Philips MasterConnect LEDtube InstantFit T8 lamp, which is Interact Ready, enables an easy upgrade to a connected lighting system without re-wiring the fixtures. The 2.4GHz mesh networking technology allows integration with a variety of control device, such as sensor and switch. It also offers secure and reliable communication towards the Interact IoT platform or verified third party systems. The result? Greater energy savings, various control possibilities and a more adaptable space!

### Product data

General Information	
Base	G13 [ Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	850 [ CCT of 5000K]
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W

Lamp Current (Max)	240 mA
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 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)	40 °C

Controls and Dimming	
Dimmable	Wireless Dim

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## Mechanical and Housing

Product Length 1200 mm

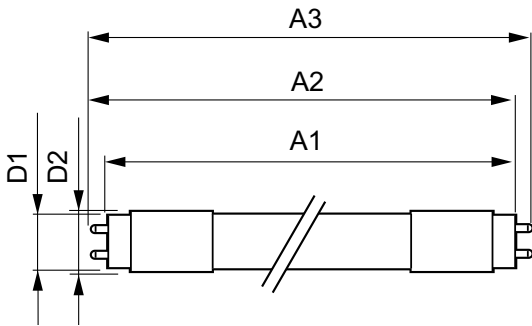
## Approval and Application

Energy Efficiency Label (EEL) Not applicable  
 Energy Saving Product Yes  
 Approbation Marks UL certificate RoHS compliance DLC compliance  
 Energy Certifications DLC Standard  
 DesignLights Consortium Qualified Product List -

## Product Data

Order product name 14T8/48-5000 IF 10/1 EasySmart  
 EAN/UPC - Product 046677466480  
 Order code 466482  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 10  
 Material Nr. (12NC) 929001281404  
 Net Weight (Piece) 0.230 kg  
 Model Number 9290012814

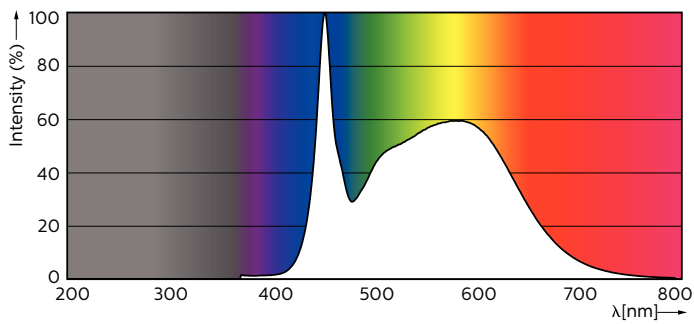
## Dimensional drawing



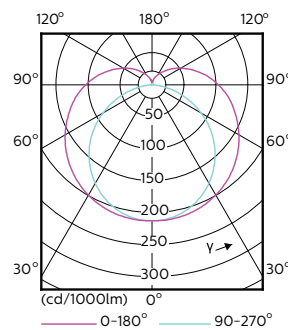
14T8/48-5000 IF 10/1 EasySmart

Product	D1	D2	A1	A2	A3
14T8/48-5000 IF 10/1 EasySmart	25.7 mm	26.3 mm	1198 mm	1205 mm	1212 mm

## Photometric data



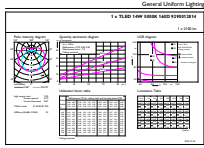
LEDtube 1200mm 14W G13 850 2100lm



LEDtube 1200mm 14W G13 2000lm

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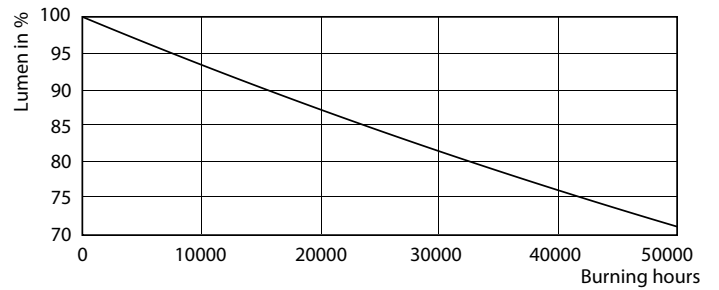
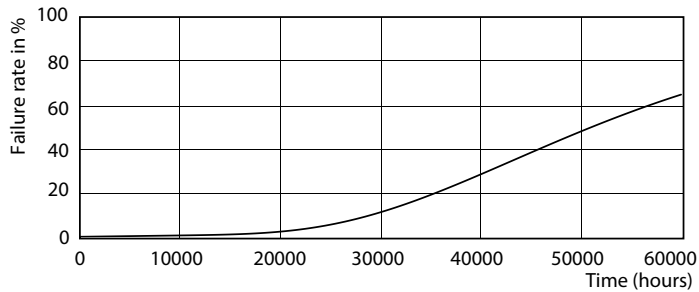
## Photometric data



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LEDtube 1200mm 14W G13 850 2100lm

## Lifetime



LEDtube 1200mm 14W G13 2000lm

LEDtube 1200mm 14W G13 2000lm

