PHILIPS

Lighting



T8

14T8/48-5000 IF EasySmart 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	850 [CCT of 5000K]
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14 W
Lamp Current (Max)	240 mA
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	40 °C

Controls and Dimming	
Dimmable	Wireless Dim

Mechanical and Housing	
Product Length	1,200 mm

Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance

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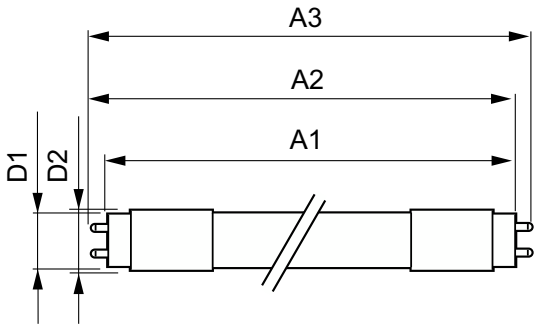
Energy Certifications	DLC Standard

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677466480
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677466485

Product Data

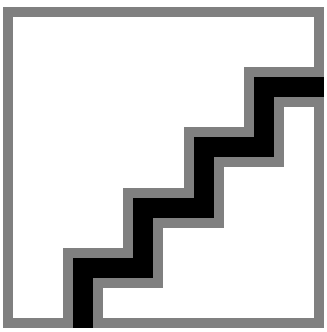
Order product name	14T8/48-5000 IF 10/1 EasySmart
Full product name	14T8/48-5000 IF EasySmart 10/1
Order code	466482
Material Nr. (12NC)	929001281404

Dimensional drawing

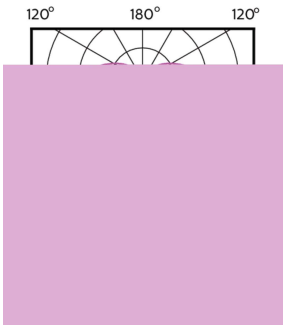


Product	D1	D2	A1	A2	A3
14T8/48-5000 IF 10/1 EasySmart	25.7 mm	26.3 mm	1,198 mm	1,205 mm	1,212 mm

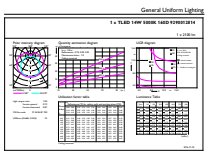
Photometric data



Spectral Power Distribution Colour - 14T8/48-5000 IF 10/1 EasySmart



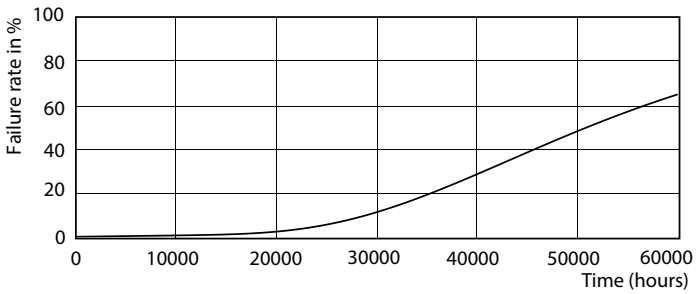
Light Distribution Diagram - 14T8/48-5000 IF 10/1 EasySmart



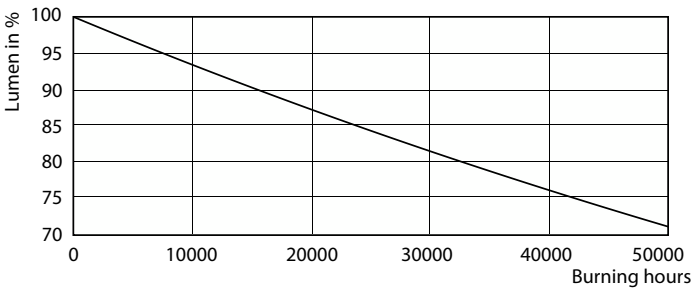
General uniform lighting - 14T8/48-5000 IF 10/1 EasySmart

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Lifetime



Life Expectancy Diagram - 14T8/48-5000 IF 10/1 EasySmart



Lumen Maintenance Diagram - 14T8/48-5000 IF 10/1 EasySmart

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