



# **LED InstantFit Lamps**

# 13T8/48-6500 IF FA8 10/1

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

## **Warnings and Safety**

• Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

#### **Product data**

General Information			
Cap-Base	FA8 [FA8]		
Nominal lifetime	36,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	865 [CCT of 6500K]		
Luminous Flux	1,600 lm		
Correlated Color Temperature (Nom)	6500 K		
Color Consistency	<6		
Color rendering index (CRI)	82		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Line Frequency	47000-64000 Hz		
Input Frequency	47000-64000 Hz		
Power Consumption	13 W		
Lamp Current (Max)	180 mA		
Lamp Current (Min)	140 mA		

Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Voltage (Nom)	230-290 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	1,200 mm		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	UL certificate RoHS compliance		
Product Data			
Order product name	13T8/48-6500 IF FA8 10/1		
Full product name	13T8/48-6500 IF FA8 10/1		
Order code	929001273412		

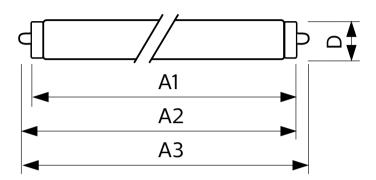
Datasheet, 2023, December 5 data subject to change

# **LED InstantFit Lamps**

Material Nr. (12NC)	929001273412	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677466145	
Numerator - Packs per outer box	10	

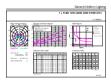
EAN/UPC - Case	50046677466140
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## Dimensional drawing



Product	D	A1	A2	A3
13T8/48-6500 IF FA8 10/1	27.9 mm	1,150.6 mm	1,156.6 mm	1,168.4 mm

### Photometric data



Calculate Pleasuratries 4.3 Philips Lighting B.V. Pager 51

General uniform lighting - 13T8/48-6500 IF FA8 10/1



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