



LED T8 InstantFit Lamp

10.5T8/36-5000 IF 10/1

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

Product data

• General Characteristics

Main Application	Industrial
Cap-Base	G13
Rated Avg. Life (Hours)	40000 hr
Nominal Lifetime hours	40000 hr

• Light Technical Characteristics

Color Code	850
Beam Angle	160 D
Correlated Color Temperature	5000 K
CRI	82
Rated Luminous Flux	1270 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	<6
Rated Beam Angle	160 D

• Electrical Characteristics

Wattage	10.5 W
Voltage	100-240 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	10.5 W
Starting Time	0.5 (max) s
Lamp voltage	100-240 V
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes
Suitable for accent lighting	No

• Temperature Characteristics

T-case maximum	45 (max) C
Operating temperature	-20 (min), 45 (max) C
T-Storage	-40 (min), 65 (max) C

• Environmental characteristics

Energy Efficiency Label (EEL)	A+
Energy consumption kWh/1000h	13 kWh

• Measuring Conditions

Switching cycle	50000X
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• Product Dimensions

Length A1	893.4 mm
Fixing Hole Distance	900.5 mm
A2 Length	
Length A3	907.6 mm
Mounting hole diameter	25.68 mm
Circular outline dimension	28 mm

• Approval & Application Chars

VDE marking	No
CE marking	No
UL certificate	Yes
RoHS compliance	Yes



PHILIPS

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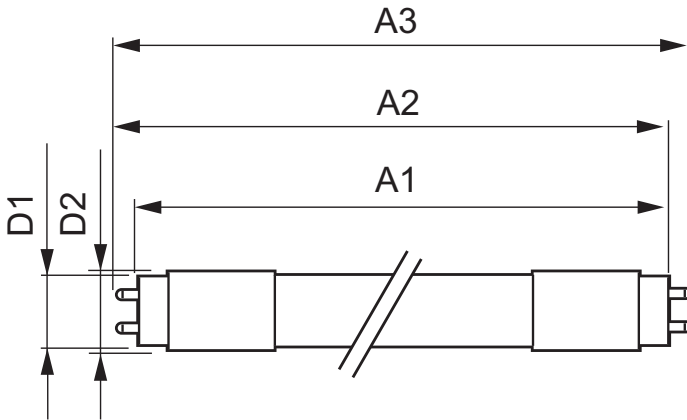
KEMA Keur certi-
cate No

• Product Data

Product number 452086
Full product name 10.5T8/36-5000 IF 10/1
Short product name 10.5T8/36-5000 IF 10/1

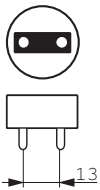
Pieces per Sku 1
eop_pck_cfg 10
Skus/Case 10
Bar code on pack 46677452087
Bar code on case 50046677452082
Logistics code(s) 929001118604
eop_net_weight_pp 0.210 kg

Dimensional drawing



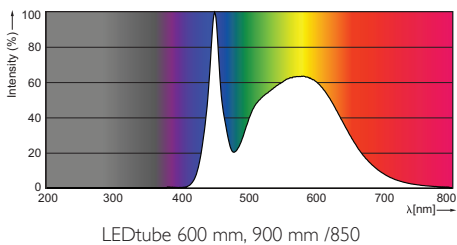
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Product	A (Norm)	A1 (Norm)	A2 (Norm)	A3 (Norm)	B (Min)	B (Norm)	B (Max)	D (Min)	D (Norm)	D (Max)	D1 (Norm)	D2 (Norm)
LEDtube 900mm 10.5W/850	-	893.4	900.5	907.6	-	-	-	-	-	-	25.68	28



G13

Photometric data





Installation, Ballast & Specification Guide

Philips LED T8 InstantFit Lamp

Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation.

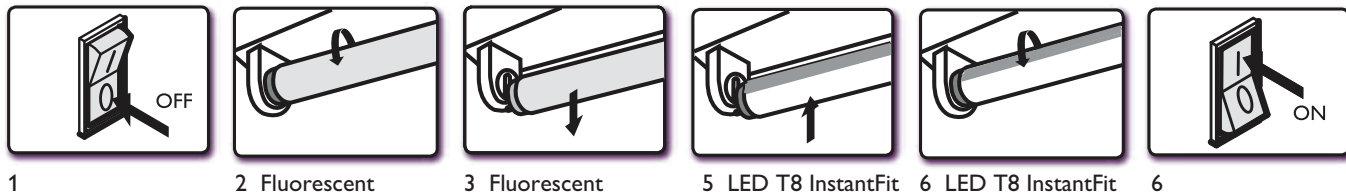
- Please keep this Quick Installation Guide for future reference.
- Product is not dimmable
- Operates on instant-start ballasts only¹.
- Philips LED T8 InstantFit lamps are not compatible with luminaires that use a remote starter.
- Modifications to the product void the warranty.
- Suitable to replace T8 fluorescent lamps as specified on the product label.

¹ Please refer to www.philips.com/instantfit for latest ballast compatibility guide.

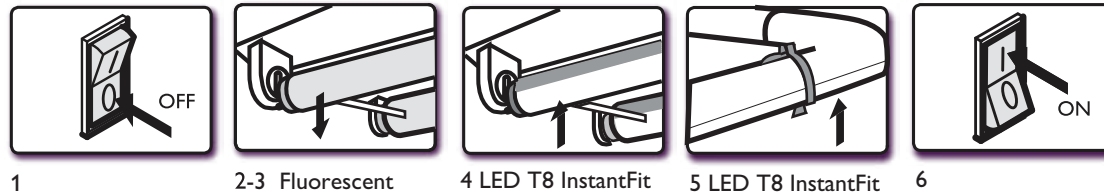


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For Philips LED T8 Lamps - 2', 3', 4'



For Philips LED T8 Lamps - U - Bend



Instructions

1. Switch-off power to the luminaire
2. Remove diffuser (if provided)
3. Remove the existing fluorescent lamps from the luminaire.
 - Note: Verify the fluorescent tube type is listed on the label of Philips LED T8 InstantFit lamp.
- 4-5. Install the Philips LED T8 InstantFit lamp (One for each fluorescent lamp removed, ensure pins are firmly seated in lampholders).
 - For U-bend only, please ensure lamp is secured by clip
 - Replace diffuser (if removed in step 2).
6. Switch on power to the luminaire.

CAUTION – IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT THE MANUFACTURER

CAUTION – RISK OF FIRE. DO NOT INSTALL IN A PRE-HEAT LUMINAIRE

WARNING: RISK OF FIRE, USE ONLY IN PLACE OF FLUORESCENT LAMPS SPECIFIED ON LABEL. SEE INSTRUCTIONS.

THIS LAMP ONLY OPERATES ON ELECTRONIC BALLASTS. IF LAMP DOES NOT LIGHT WHEN THE LUMINAIRE IS ENERGIZED, REMOVE LAMP FROM LUMINAIRE AND CONTACT LAMP MANUFACTURER OR QUALIFIED ELECTRICIAN

THIS PRODUCT MAY CAUSE INTERFERENCE TO RADIO EQUIPMENT AND SHOULD NOT BE INSTALLED NEAR MARITIME SAFETY COMMUNICATIONS EQUIPMENT OR OTHER CRITICAL NAVIGATION OR COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45 – 30MHZ.

THESE DEVICES ARE NOT INTENDED FOR USE WITH EMERGENCY EXIT FIXTURES OR EMERGENCY EXIT LIGHTS.

Lamps must be operated within an ambient fixture temperature of -4F (-20c) and 113F (45c) to ensure UL compliance.

MISE EN GARDE – SI LA LAMPE OU LE LUMINAIRE MONTRE UN FONCTIONNEMENT INAPPROPRIÉ (BOURDONNEMENT, CLIGNOTEMENT, ETC.), INTERROMPRE IMMÉDIATEMENT LE COURANT, ENLEVER LA LAMPE DU LUMINAIRE ET CONTACTER LE FABRICANT.

MISE EN GARDE – RISQUE D'INCENDIE. NE PAS INSTALLER DANS UN LUMINAIRE DU TYPE À PRÉCHAUFFAGE.

AVERTISSEMENT: RISQUE D'INCENDIE. UTILISER UNIQUEMENT SUR PLACE DES LAMPES FLUORESCENTES PRÉCISÉES SUR L'ÉTIQUETTE. VOIR LES INSTRUCTIONS

CETTE LAMPE FONCTIONNE SEULEMENT SUR UN BALLAST ÉLECTRONIQUE. SI LA LAMPE NE S'ALLUME PAS LORSQUE LE LUMINAIRE EST MIS SOUS TENSION, RETIRER LA LAMPE DU LUMINAIRE ET CONTACTER LE FABRICANT DE LA LAMPE OU UN ÉLECTRICIEN QUALIFIÉ.

CE PRODUIT EST SUSCEPTIBLE DE CAUSER DE L'INTERFÉRENCE AVEC LES ÉQUIPEMENTS RADIO ET NE DEVRAIT PAS ÊTRE INSTALLÉ PRÈS DES APPAREILS DE COMMUNICATION DE SÉCURITÉ MARITIME OU TOUT AUTRE ÉQUIPEMENT DE COMMUNICATION OU DE LA NAVIGATION QUI FONCTIONNE À UNE BANDE ENTRE 0,45 ET 30 MHZ.

CES DISPOSITIFS NE DOIT ÊTRE UTILISÉE QU'AVEC APPAREILS D'URGENCE DE SORTIE OU FEUX D'URGENCE DE SORTIE

Lampes doivent être exploités dans une température ambiante de fixation de -4F (-20c) et 113F (45c) pour assurer la conformité UL.



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