



The best compatibility, long life and energy savings - all in one lamp

MasterClass LEDtube InstantFit T8

The MasterClass InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. MasterClass TLEDs feature a shatter-resistant polycarbonate construction, 70,000 hour life and a standard 7-year limited warranty. When maximum energy savings and long life are needed, Philips MasterClass TLED are the solution.

Benefits

- Offers lowest cost of installation and easiest upgrade fluorescent T8's to LED lighting technology
- MasterClass TLEDs work on both ballasts and with Philips TLED drivers for Type A or Type C operation.
- Reliable lighting performance - excellent color and lumen maintenance
- Shatter-resistant polycarbonate construction

Features

- Average life rating of up to 70,000 hours and a 7-year limited warranty
- Compatibility with over 200 ballasts and drivers
- Operates as both a Type A and a Type C lamp.
- DLC, NSF and RoHS listed
- Available shatter-resistant polycarbonate construction

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Application

- Office and Retail
- Industrial and warehouses
- Parking lots and covered car parks
- Type A and Type C operation in one lamp

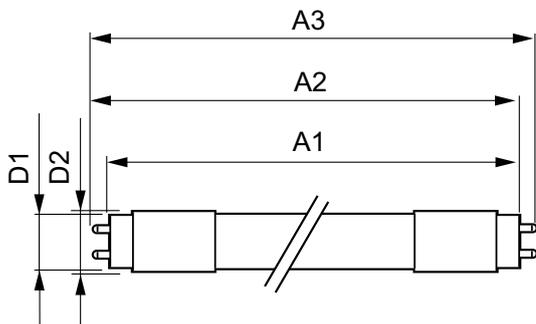
Versions



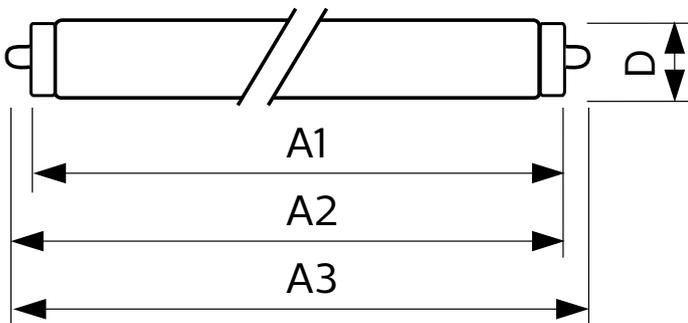
FA8

G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-830/IF23/P 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm



Product	D	A1	A2	A3
35T8/96-6500 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm

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Controls and Dimming

Dimmable No

General Information

Switching Cycle 50000X

Light Technical

Llmf At End Of Nominal Lifetime (Nom) 70 %

Temperature

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
469262	35T8/96-6500 IF FA8 10/1	50000-64000 Hz	280-410 V	35 W	-

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated) (Nom)	Starting Time (Nom)
545178	15.5T8/MAS/48-830/IF23/P 25/1	50 to 60 Hz	120-277 V	15.5 W	0.5 s

General Information

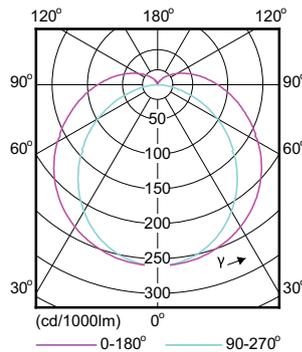
Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
469262	35T8/96-6500 IF FA8 10/1	FA8	50000 h	50000 h
545178	15.5T8/MAS/48-830/IF23/P 25/1	G13	70000 h	70000 h

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Rated Beam Angle
469262	35T8/96-6500 IF FA8 10/1	-	865	6500 K	82	4200 lm	4200 lm	-
545178	15.5T8/MAS/48-830/IF23/P 25/1	180 °	830	3000 K	80	2300 lm	2300 lm	180 °

Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
469262	35T8/96-6500 IF FA8 10/1	-	-	-
545178	15.5T8/MAS/48-830/IF23/P 25/1	55 °C	-20 °C	50 °C



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