

# T8

## 35T8/96-3500 IF FA8 10/1

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. When maximum energy savings and long life are needed, Philips MasterClass TLEDs are the solution.

### Product data

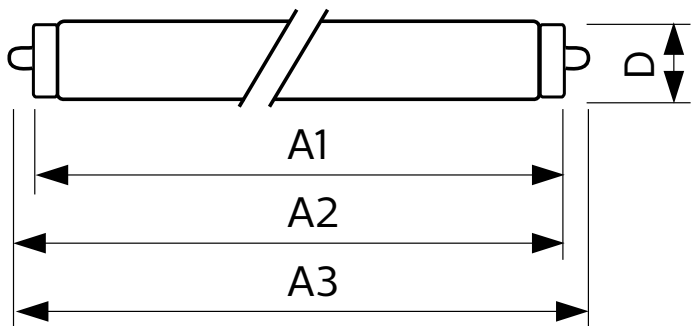
General information		Warm Up Time to 60% Light (Nom)	
Base	FA8 [ FA8]		0.5 s
EU RoHS compliant	Yes	UL Type	Type A - works on ballast
Nominal Lifetime (Nom)	50000 h	Power Factor (Nom)	0.9
Switching Cycle	50000X	Voltage (Nom)	280-410 V
Light technical		Temperature	
Color Code	835 [ CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	4000 lm	T-Storage (Max)	65 °C
Color Designation	White (WH)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	45 °C
Luminous Efficacy (rated) (Nom)	114.00 lm/W	Controls and dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	82	Mechanical and housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and electrical		Bulb Material	Plastic
Input Frequency	50000-64000 Hz	Product Length	96 in
Power (Rated) (Nom)	35 W	Bulb Shape	Tube, double-ended
Lamp Current (Max)	260 mA	Approval and application	
Lamp Current (Min)	160 mA	Energy Saving Product	Yes
Wattage Equivalent	96 W		

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Approbation Marks	UL certificate
Energy Consumption kWh/1000 h	- kWh
<b>Product data</b>	
Order product name	35T8/96-3500 IF FA8 10/1
EAN/UPC - Product	046677472573
Order code	469247

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001307804
Net Weight (Piece)	0.540 kg
Model Number	9290013078

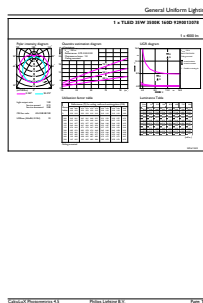
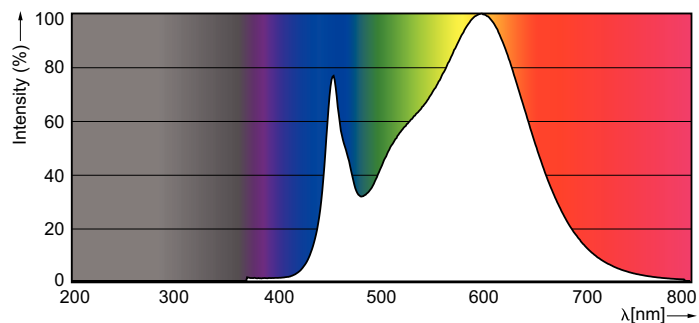
## Dimensional drawing



35T8/96-3500 IF FA8 10/1

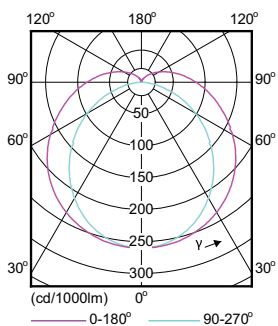
Product	D	A1	A2	A3
35T8/96-3500 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm

## Photometric data



TLED Ess 35W FA8 835 4000lm T8

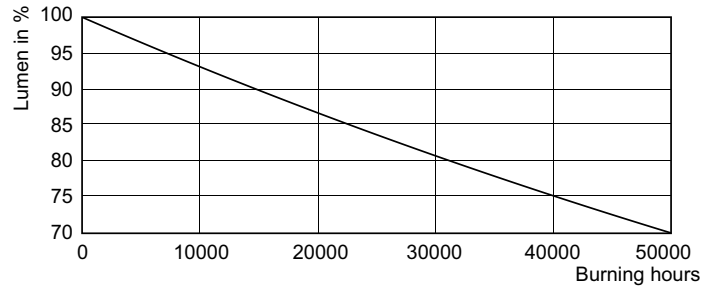
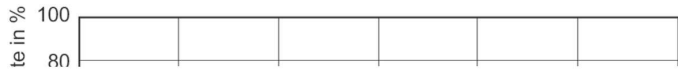
TLED Ess 35W FA8 835 4000lm T8



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## Lifetime



TLED Ess 35W FA8 T8 IF

TLED Ess 35W FA8 T8 IF

