PHILIPS

Lighting

T8

35T8/96-4000 IF FA8 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	
Base	FA8 [FA8]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	4200 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50000-64000 Hz
Power (Rated) (Nom)	35 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	160 mA
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
Power Factor (Nom)	0.9
Voltage (Nom)	280-410 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	45 °C

Controls and Dimming	
Dimmable	No

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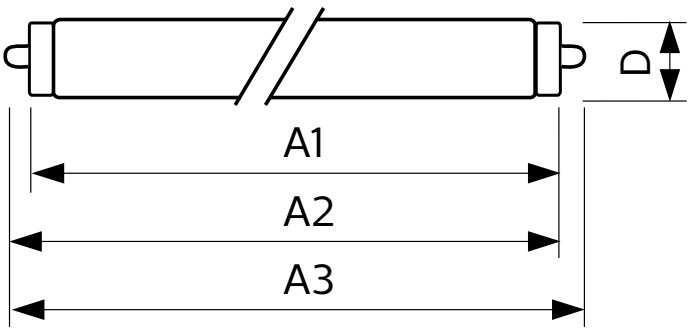
Mechanical and Housing	
Product Length	96 in

Approval and Application	
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	UL certificate
Energy Consumption kWh/1000 h	- kWh

Product Data	
Order product name	35T8/96-4000 IF FA8 10/1

EAN/UPC - Product	046677472580
Order code	469254
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001314604
Net Weight (Piece)	0.540 kg
Model Number	9290013146

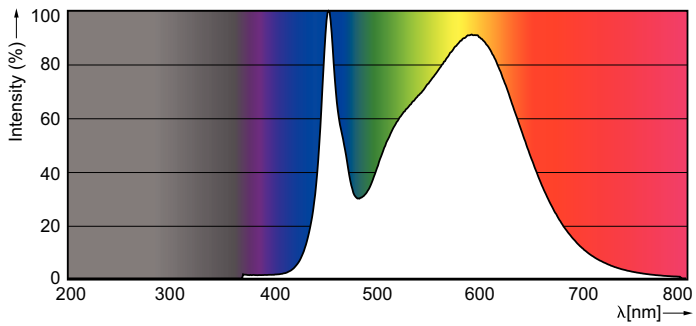
Dimensional drawing



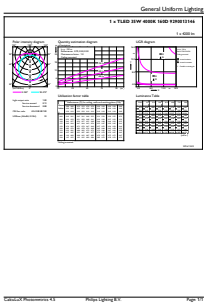
TLED Ess IF 3200lm 4000K 8ft single pin

Product	D	A1	A2	A3
35T8/96-4000 IF FA8 10/1	27.9 mm	2366.9 mm	2375.2 mm	2383.5 mm

Photometric data



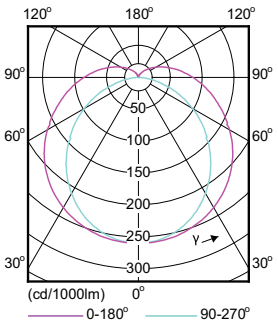
TLED Ess 35W FA8 840 4200lm T8



TLED Ess 35W FA8 840 4200lm T8

T8

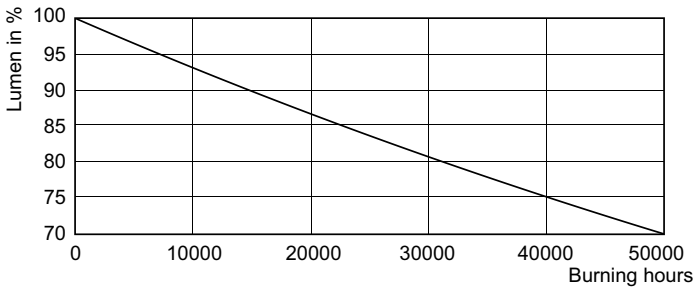
Photometric data



TLED Ess 35W FA8 840 4200lm T8

Lifetime

TLED Ess 35W FA8 T8 IF



TLED Ess 35W FA8 T8 IF

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