T8

35T8/96-6500 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.
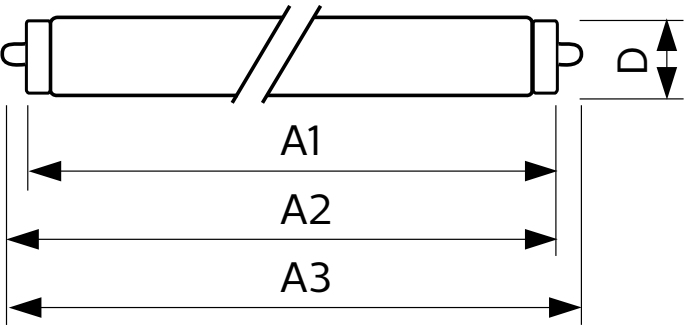
Product data

General Information

Cap-Base	FA8 [FA8]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	50,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	4,200 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50000-64000 Hz
Input Frequency	50000-64000 Hz
Power Consumption	35 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	160 mA
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	280-410 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	45 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Product Length	2,400 mm

T8

Bulb Shape	Tube, double-ended

Approval and Application

Energy Saving Product	Yes
Approval Marks	UL certificate
Energy Consumption kWh/1000 h	– kWh

Product Data

Order product name	35T8/96-6500 IF FA8 10/1

Full product name	35T8/96-6500 IF FA8 10/1
Order code	929001314704
Material Nr. (12NC)	929001314704
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677472597
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677469264

Dimensional drawing
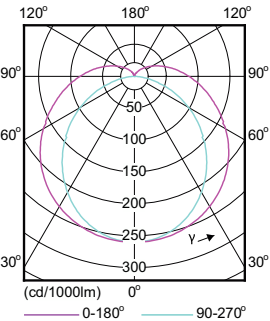

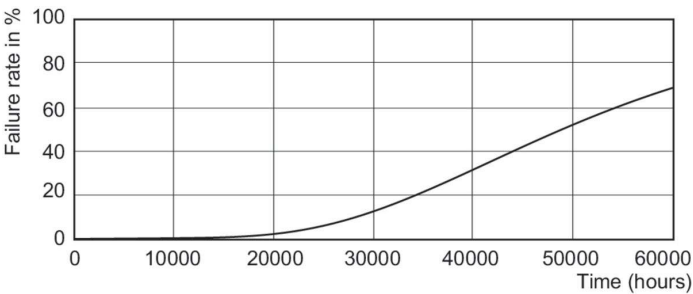| Product	D	A1	A2	A3
35T8/96-6500 IF FA8 10/1	27.9 mm	2,366.9 mm	2,375.2 mm	2,383.5 mm

Photometric data
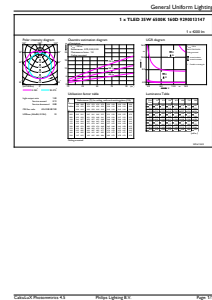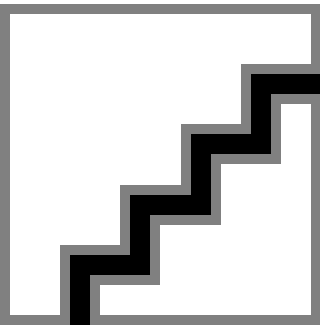
Spectral Power Distribution Colour – 35T8/96-6500 IF FA8 10/1
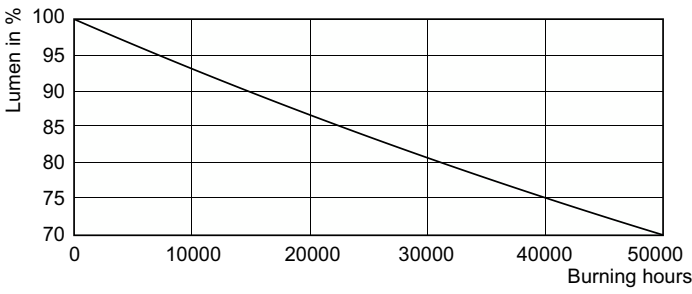

General uniform lighting – 35T8/96-6500 IF FA8 10/1

Light Distribution Diagram – 35T8/96-6500 IF FA8 10/1

Lifetime

Life Expectancy Diagram – 35T8/96-6500 IF FA8 10/1

Lumen Maintenance Diagram – 35T8/96-6500 IF FA8 10/1

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2023, November 24 – data subject to change