T8

7T8 LED/24-3500 IF 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	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,050 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	20000-120000 Hz

Input Frequency	20000-120000 Hz
Power Consumption	7 W
Lamp Current (Max)	240 mA
Lamp Current (Min)	80 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V

Temperature

Ambient temperature range	-20 ℃ to 45 ℃
T-Case Maximum (Nom)	50 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Product Length	600 mm
Bulb Shape	Tube, double-ended

T8

Approval and Application

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

Product Data

Order product name	7T8 LED/24-3500 IF 10/1
Full product name	7T8 LED/24-3500 IF 10/1

Order code	469288
Material Nr. (12NC)	929001310904
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677472283
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677469288

Dimensional drawing
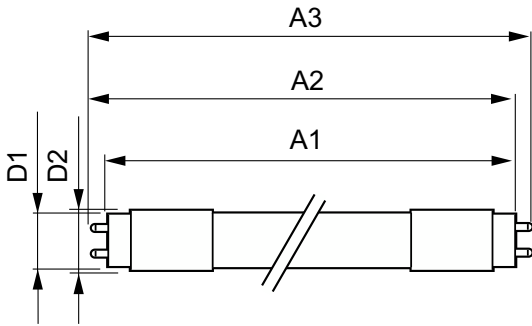
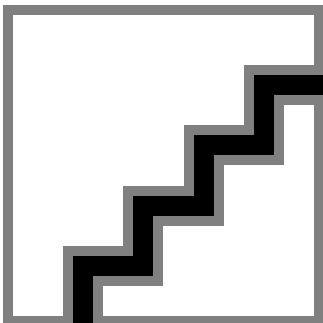
Product	D1	D2	A1	A2	A3
7T8 LED/24-3500 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data
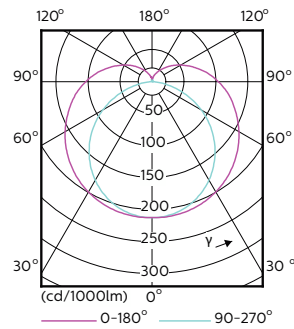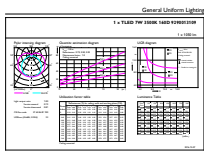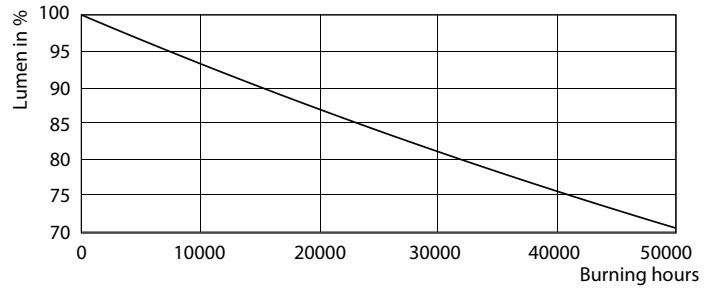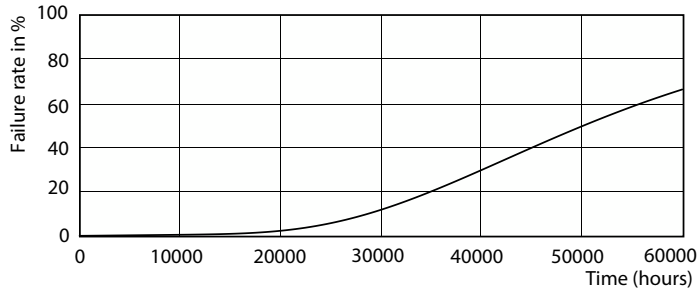

General uniform lighting – 7T8 LED/24-3500 IF 10/1

Light Distribution Diagram – 7T8 LED/24-3500 IF 10/1

Spectral Power Distribution Colour – 7T8 LED/24-3500 IF 10/1

Lifetime

Life Expectancy Diagram – 7T8 LED/24-3500 IF 10/1

Lumen Maintenance Diagram – 7T8 LED/24-3500 IF 10/1