T8

13T8 LED/48-3000 IF DIM 1PK 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.
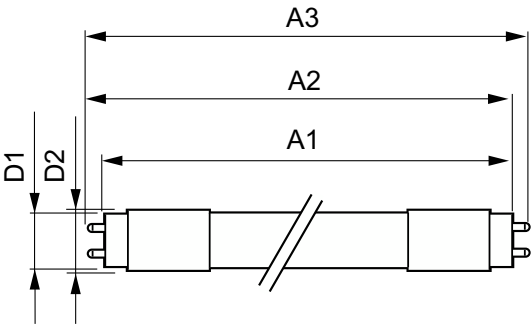
Product data

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	153.85 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

Input Frequency	20000-120000 Hz
Power Consumption	13 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277V; 347 V

Temperature

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

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	Tube, double-ended

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	13T8 LED/48-3000 IF DIM 1PK 10/1
Full product name	13T8 LED/48-3000 IF DIM 1PK 10/1

Order code	929001397604
Material Nr. (12NC)	929001397604
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677473921
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677473926

Dimensional drawing

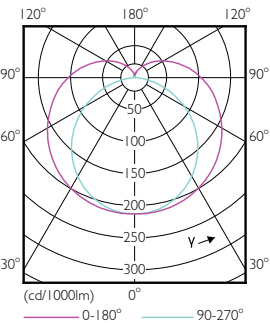| Product	D1	D2	A1	A2	A3
13T8 LED/48-3000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

Photometric data
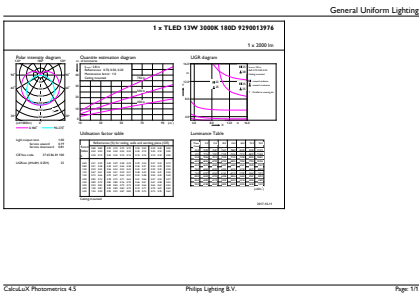
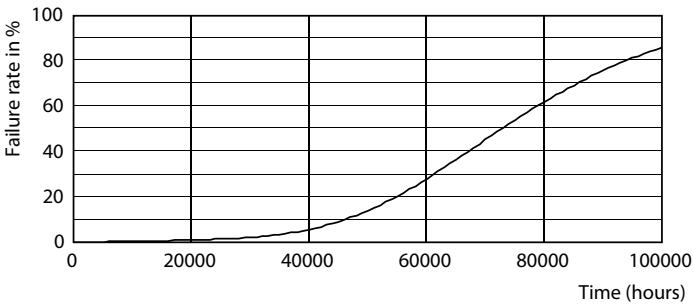**Spectral Power Distribution Colour – 13T8 LED/48-3000 IF DIM 1PK 10/1**

General uniform lighting – 13T8 LED/48-3000 IF DIM 1PK 10/1

Light Distribution Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1
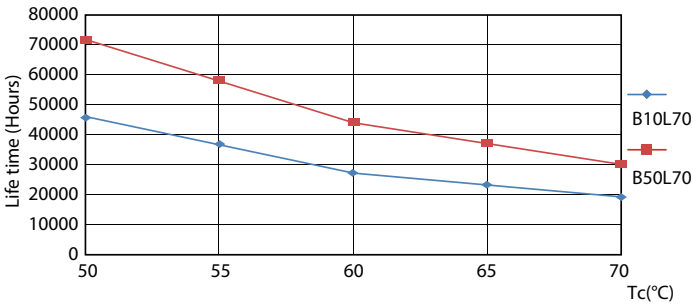
T8

Lifetime

Life time (Hours) vs Tc(°C)

- B10L70
- B50L70

Life Expectancy Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1

Failure rate in % vs Time (hours)

Life Expectancy Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1

Lumen in % vs Burning hours

Life Expectancy Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1

Lumen (%) vs Tc(°C)
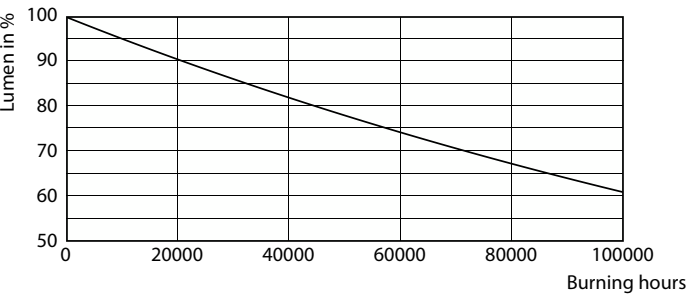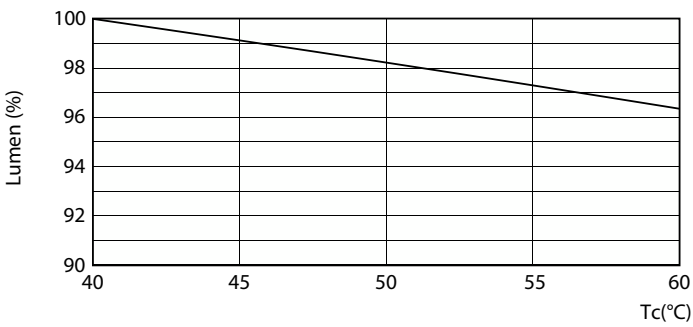
Lumen Maintenance Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1

Lumen Maintenance Diagram – 13T8 LED/48-3000 IF DIM 1PK 10/1

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