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10T8/COR/48-840/IF16/G/DIM 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.
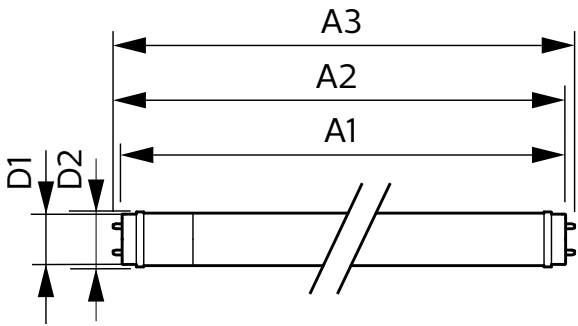
Product data

General Information

Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X

Light Technical

Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	25000-105000 Hz
Power (Rated) (Nom)	10 W

Lamp Current (Max)	260 mA
Lamp Current (Min)	100 mA
Starting Time (Nom)	0.5 s
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)	120-277, 347 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)	50 °C

Controls and Dimming

Dimmable	Yes

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Mechanical and Housing	
Product Length	48 in

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

Product Data	
Order product name	10T8/COR/48-840/IF16/G/DIM 10/1

EAN/UPC – Product	046677553234
Order code	553230
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	929001991734
Net Weight (Piece)	0.230 kg
Model Number	9290019917

Dimensional drawing

TLED 1200mmT8 120-277 10.5W 1650lm 4000K

Product	D1	D2	A1	A2	A3
10T8/COR/48-840/ IF16/G/DIM 10/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data
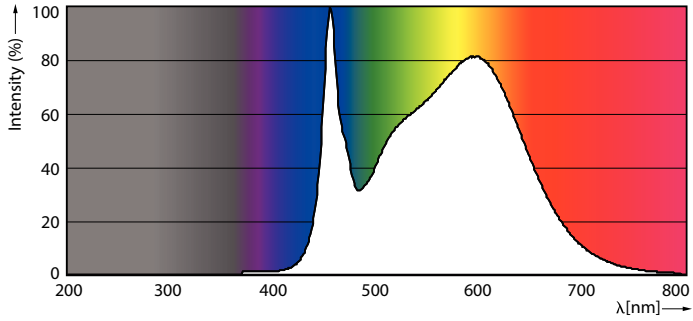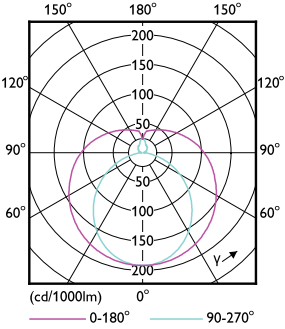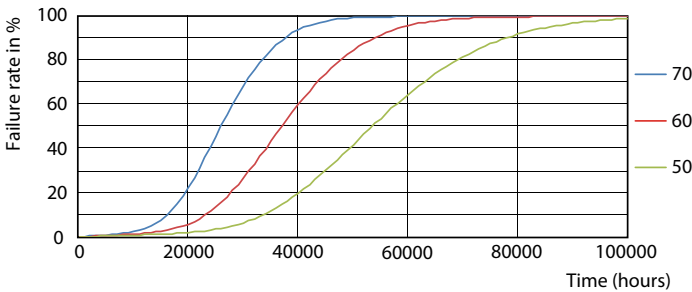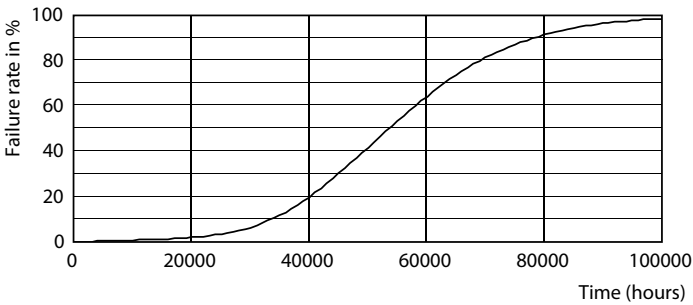

LEDtube 10W G13 840 ND

LEDtube 10W G13 840 ND

T8
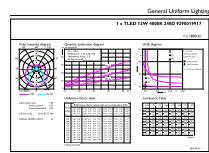
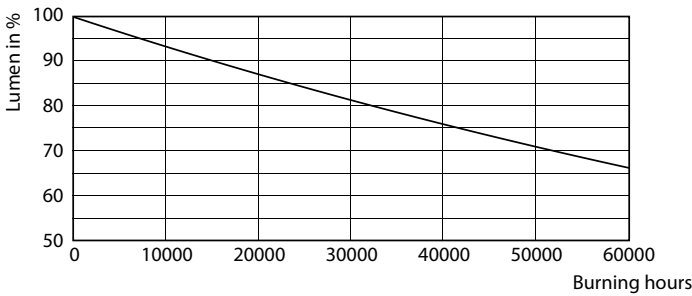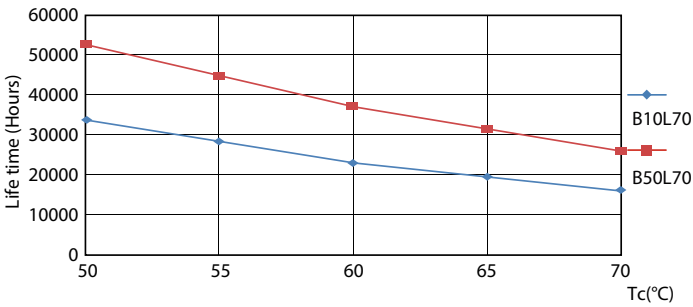## Photometric data

LEDtube 10W G13 840 ND
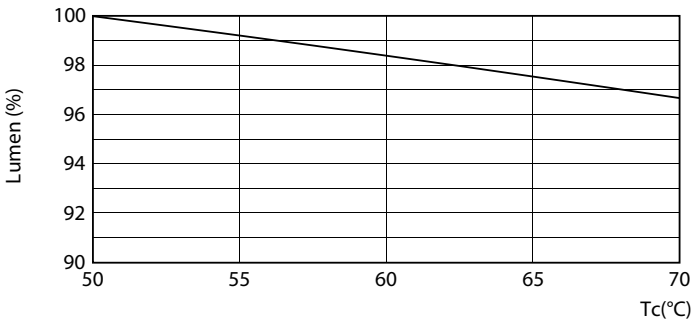
Lifetime

LEDtube 10W G13 850 ND

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Lifetime

LEDtube 10W G13 850 ND

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2021, February 28 – data subject to change