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11.5T8/COR/48–835/IF20/G/DIM 25/1

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.
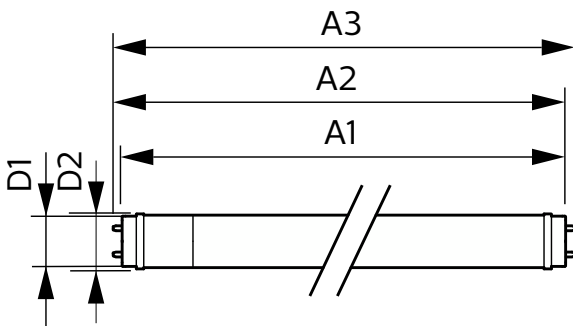
Product data

General information

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

Light technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	173.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical

Input Frequency	25K to 105K Hz
Power (Rated) (Nom)	11.5 W

Lamp Current (Max)	260 mA
Lamp Current (Min)	80 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type A; UL listed HF
Power Factor (Nom)	0.9
Voltage (Nom)	120–277 V

Temperature

T–Ambient (Max)	45 ℃
T–Ambient (Min)	–20 ℃
T–Storage (Max)	65 ℃
T–Storage (Min)	–40 ℃
T–Case Maximum (Nom)	40 ℃

Controls and dimming

Dimmable	No

Mechanical and housing

Bulb Finish	Frosted

data subject to change

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Bulb Material	Glass		**EAN/UPC – Product**	046677580261
Product Length	48 in		**Order code**	580266
Bulb Shape	Tube, double-ended		**Numerator – Quantity Per Pack**	1
			Numerator – Packs per outer box	25
Approval and application			**Material Nr. (12NC)**	929003556504
Energy Saving Product	Yes		**Net Weight (Piece)**	0.441 lb
Approbation Marks	DLC compliance		**Model Number**	9290035565
Approbation Marks	RoHS compliance UL certificate			

Product data

Order product name	11.5T8/COR/48-835/IF20/G/DIM 25/1

Dimensional drawing

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Product	D1	D2	A1	A2	A3
11.5T8/COR/48-835/ IF20/G/DIM 25/1	1-1/16 in	1-1/16 in	47-3/16 in	47-1/2 in	47-3/4 in

Photometric data
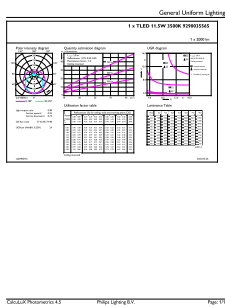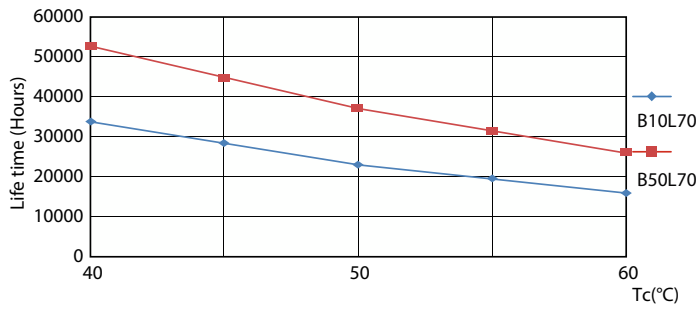

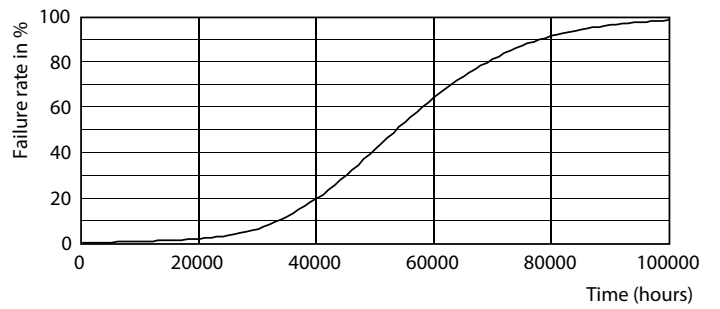General uniform lighting
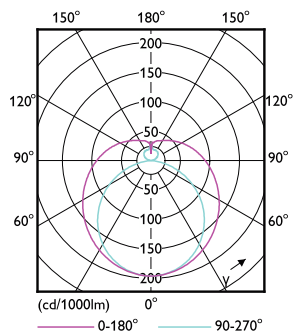
Light Distribution Diagram

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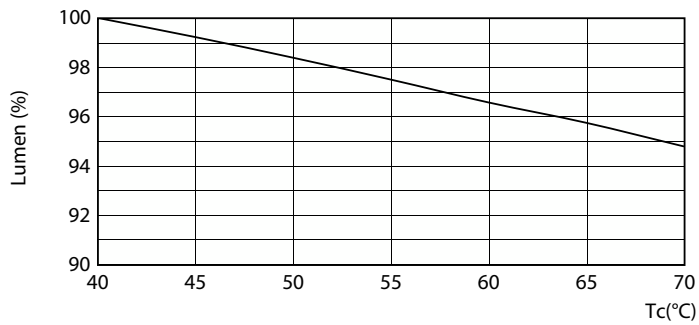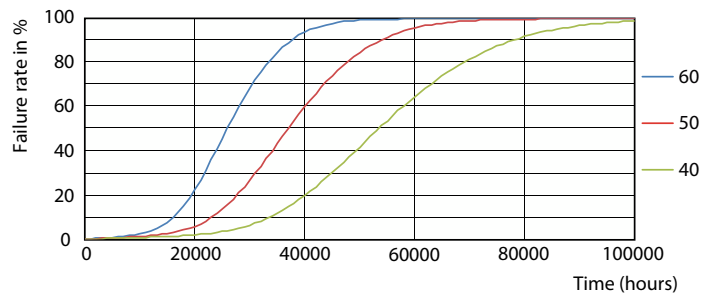## Photometric data
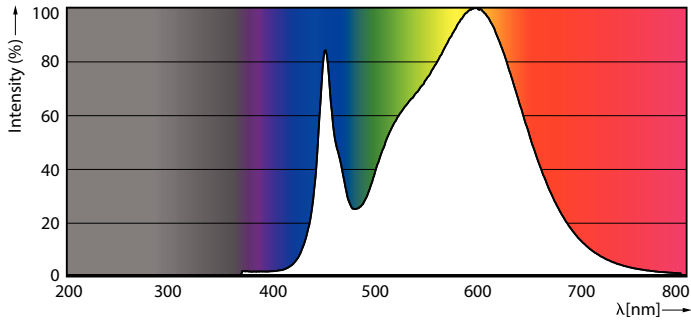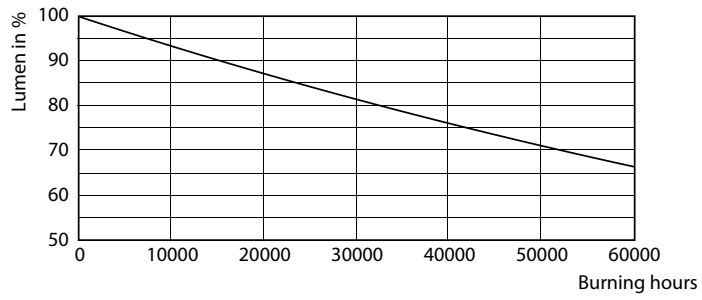
Lifetime

LifetimeVsTc

Life Expectancy Diagram

LumenVsTc

FailureRate

Lifetime

Lumen Maintenance Diagram

www.lighting.philips.com

2022, August 5 – data subject to change