T8

14T8/COR/48-850/IF22/G/DIM/BAA 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.
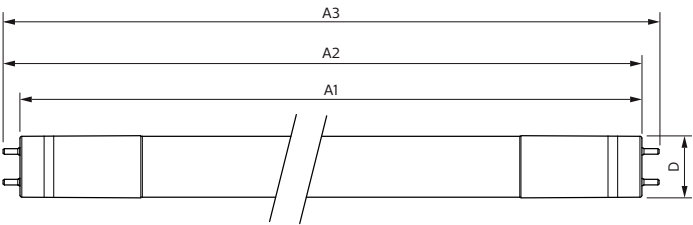
Product data

General information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Buy American Compliant Products	Yes
Tier	CorePro

Light technical

Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	157.00 lm/W
Color Consistency	<5
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical

Input Frequency	20K to 120K Hz
Power (Nom)	14 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	100 mA
Wattage Equivalent	32-30-28-25 W
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, 347 V

Temperature

T-Ambient (Max)	45 ℃
T-Ambient (Min)	-20 ℃
T-Storage (Max)	65 ℃
T-Storage (Min)	-40 ℃
T-Case Maximum (Nom)	50 ℃

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Controls and dimming

Dimmable	Only with specific dimmers

Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

Product data

Order product name	14T8/COR/48-850/IF22/G/DIM/BAA 25/1
EAN/UPC – Product	046677576820
Order code	929003145004
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	25
Material Nr. (12NC)	929003145004
Net Weight (Piece)	0.206 kg
Model Number	9290031450

Dimensional drawing

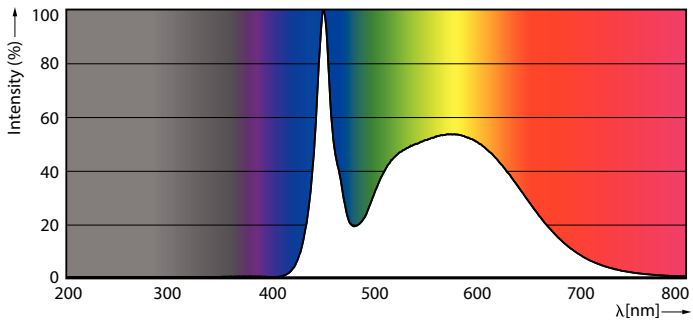| Product	D1	D2	A1	A2	A3
14T8/COR/48-850/ IF22/G/DIM/BAA 25/1	25.7 mm	25.7 mm	1198.2 mm	1205.3 mm	1212.4 mm

14T8/COR/48-850/IF22/G/DIM/BAA 25/1
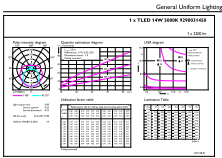
Photometric data
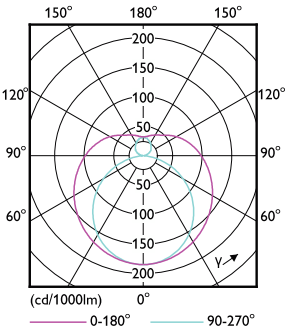
LEDtube COR NAM 14W G13 2100lm-LDD
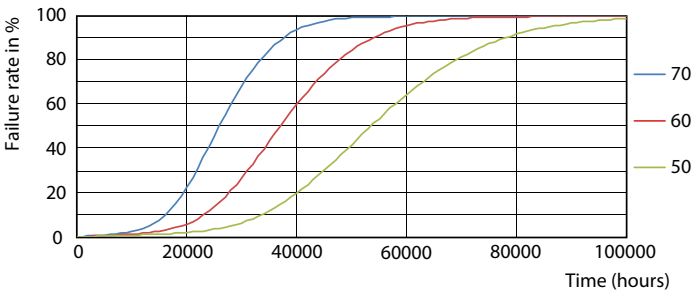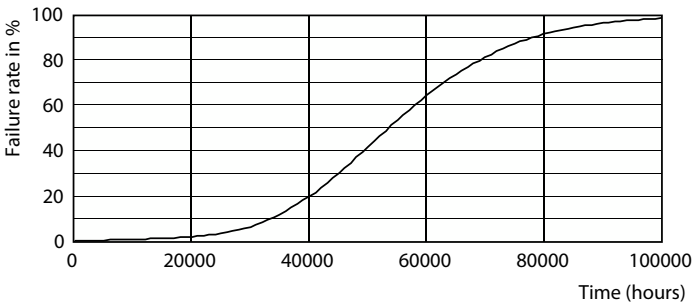

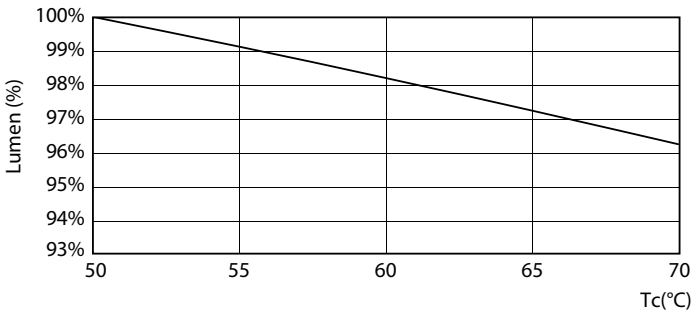LEDtube COR NAM 10,5W G13 1650lm 850-POC

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Photometric data

LEDtube COR NAM 14W G13 2200lm 850-GUL

Lifetime
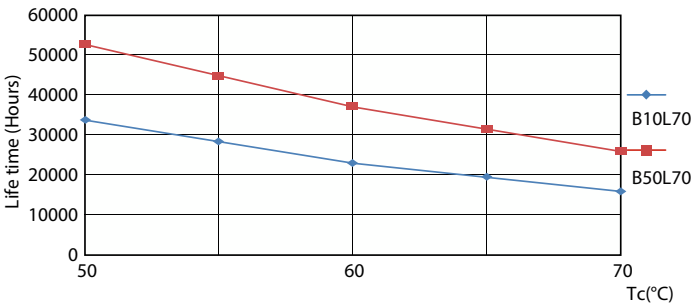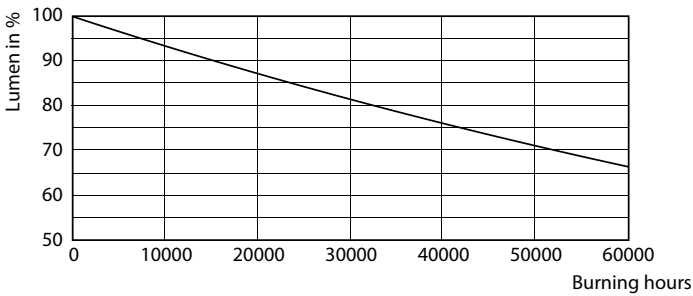

Life Expectancy Diagram

FailureRate

LEDtube COR NAM 14W 50K LumenVsTc-LMP

LifetimeVsTc

Lifetime

Lumen Maintenance Diagram