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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	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Buy American Compliant Products	Yes
Brand	Philips

Light Technical

Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,200 lumen
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	157.00 lm/W
Color Consistency	<5
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	20K to 120K Hz
Input Frequency	20K to 120K Hz
Power Consumption	14 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V

Temperature

Ambient temperature range	-20 ℃ to 45 ℃
T-Case Maximum (Nom)	122 °F

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch

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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

Order code	576827
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	25
Material number (12NC)	929003145004
Net weight	0.206 kg
Full product name	14T8/COR/48-850/IF22/G/DIM/BAA 25/1
EAN/UPC – Case	50046677576825

Dimensional drawing
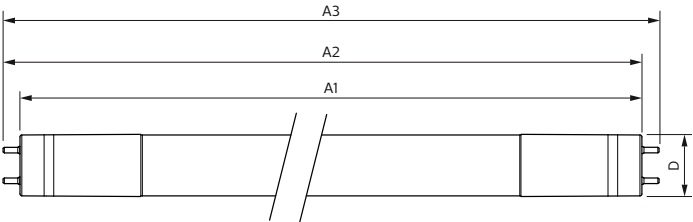
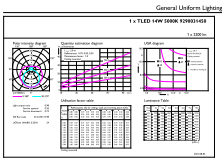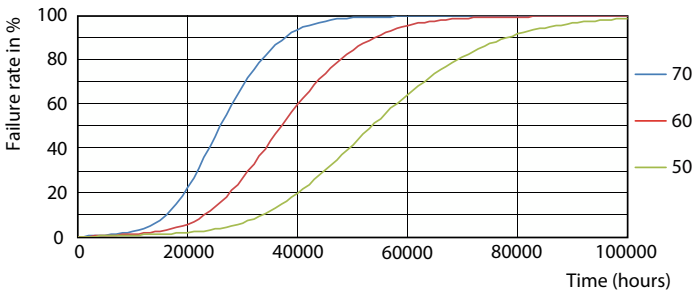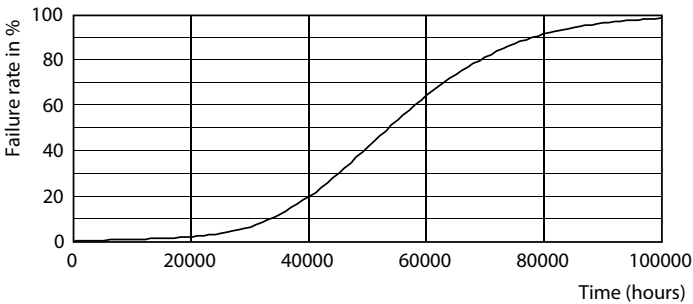| Product	D1	D2	A1	A2	A3
14T8/COR/48–850/ IF22/G/DIM/BAA 25/1	25.7 mm	25.7 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data
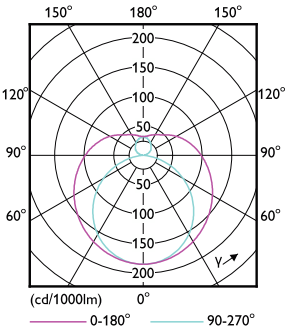
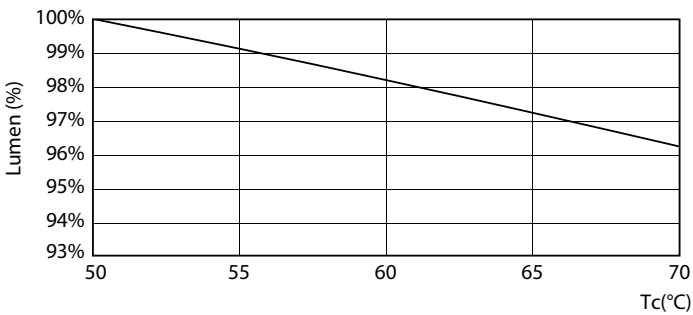Light Distribution Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1
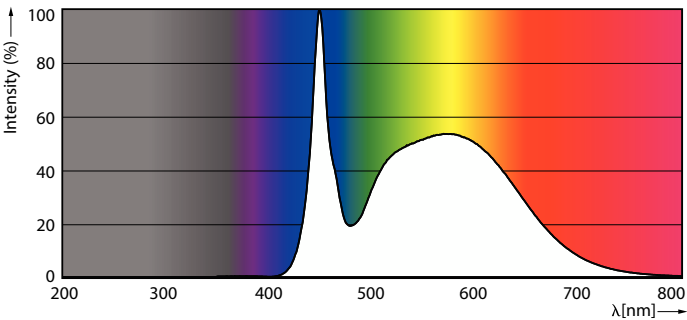
Spectral Power Distribution Colour – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1
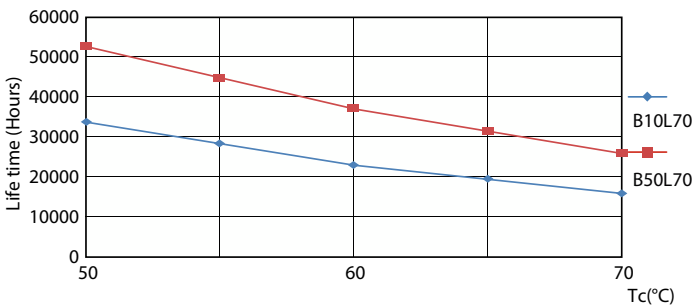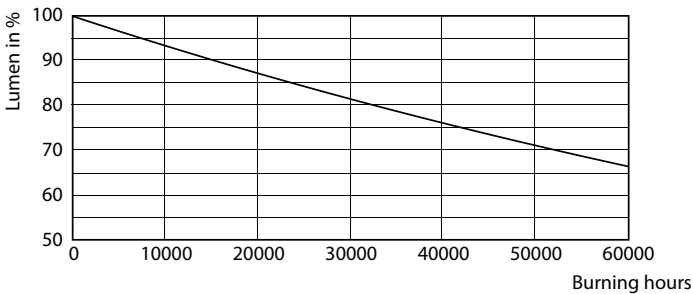
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Lifetime

Life Expectancy Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1

Life Expectancy Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1

Lumen Maintenance Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1

Life Expectancy Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1

Lumen Maintenance Diagram – 14T8/COR/48–850/IF22/G/DIM/BAA 25/1

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