



T8

14T8PRO/48-850/BB18/G 10/1 FB

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		Input Frequency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	14 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	130 mA
Switching Cycle	50,000	Lamp Current (Min)	47 mA
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	Ambient temperature range	-4 °F to 113 °F
Beam Angle (Nom)	240 degree(s)	T-Case Maximum (Nom)	158 °F
Luminous Flux	1,800 lm		
Color Designation	Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	5000 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	128.00 lm/W		
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Product Length	47-1/4 inch
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape	Tube, double-ended
Operating and Electrical			
Line Frequency	50 to 60 Hz		

T8

Approval and Application

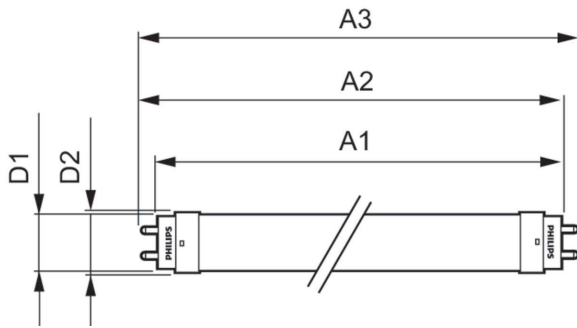
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

Product Data

Order product name	14T8PRO/48-850/BB18/G 10/1 FB
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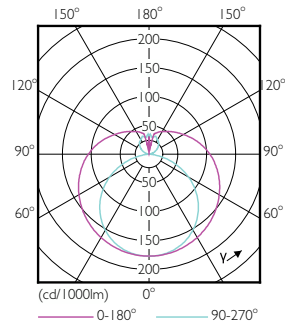
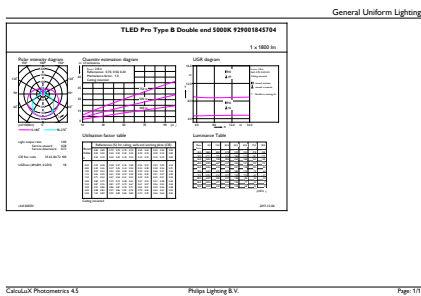
Full product name	14T8PRO/48-850/BB18/G 10/1 FB
Order code	477349
Material Nr. (12NC)	929001845704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677477349
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677477344

Dimensional drawing



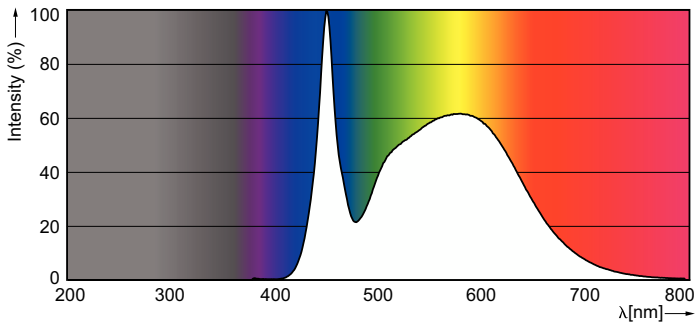
Product	D1	D2	A1	A2	A3
14T8PRO/48-850/BB18/G 10/1 FB	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



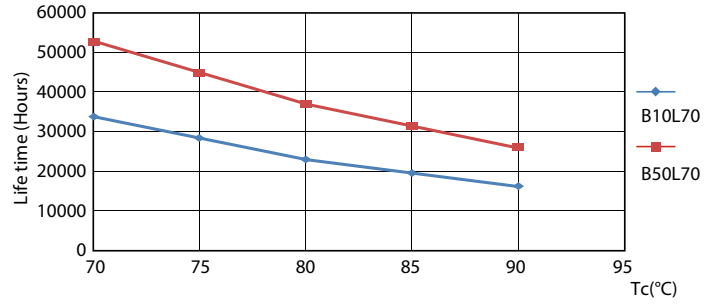
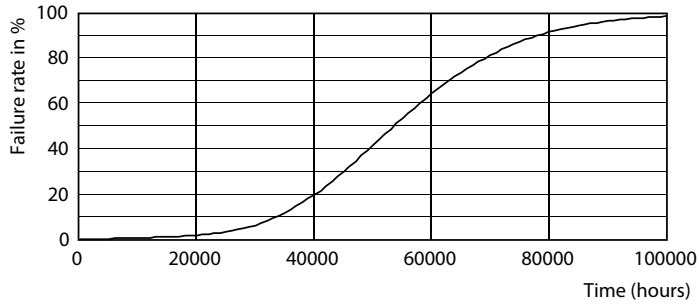
General uniform lighting - 14T8PRO/48-850/BB18/G 10/1 FB

Light Distribution Diagram - 14T8PRO/48-850/BB18/G 10/1 FB



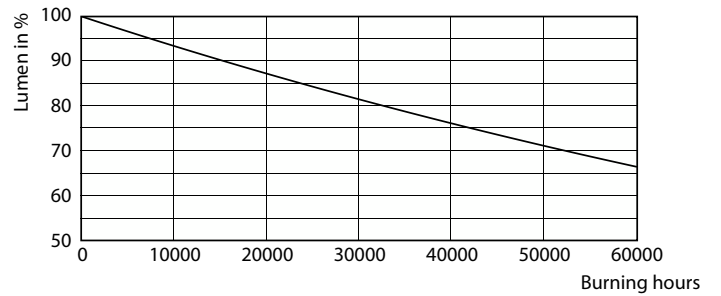
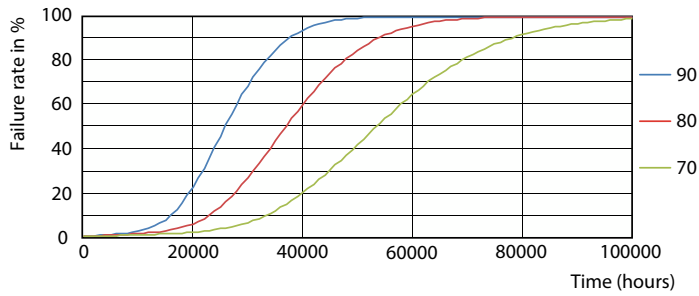
Spectral Power Distribution Colour - 14T8PRO/48-850/BB18/G 10/1 FB

Lifetime



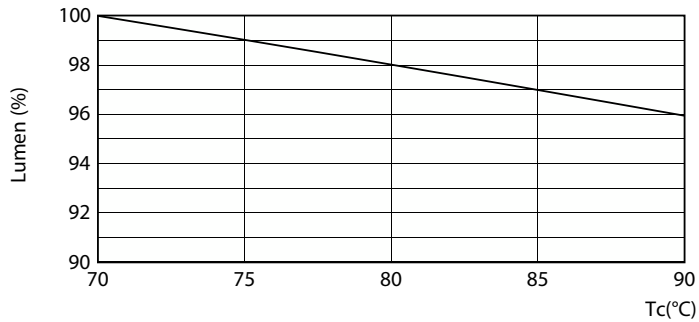
Life Expectancy Diagram - 14T8PRO/48-850/BB18/G 10/1 FB

Life Expectancy Diagram - 14T8PRO/48-850/BB18/G 10/1 FB



Life Expectancy Diagram - 14T8PRO/48-850/BB18/G 10/1 FB

Lumen Maintenance Diagram - 14T8PRO/48-850/BB18/G 10/1 FB



Lumen Maintenance Diagram - 14T8PRO/48-850/BB18/G 10/1 FB

