



# T8

## 14.5T8/MAS/48-850/MF21/P 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		Power Consumption	
Lighting Technology	LED	Power Consumption	14.5 W
Switching Cycle	50,000	Wattage Equivalent	32 W
Nominal lifetime	70,000 hour(s)	Starting Time (Nom)	0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	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	-20 °C to 45 °C
Beam Angle (Nom)	180 degree(s)	T-Case Maximum (Nom)	70 °C
Luminous Flux	2,100 lumen		
Color Designation	Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	5000 K	Dimmable	Limited
Luminous Efficacy (rated) (Nom)	144.00 lm/W		
Color Consistency	<5	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Plastic
Operating and Electrical		Product Length	1,200 mm
Line Frequency	50 to 60 Hz	Bulb Shape	Tube, double-ended
Input Frequency	50 to 60 Hz		

**Approval and Application**

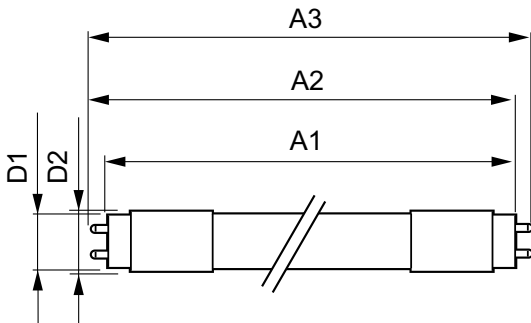
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

**Product Data**

Order product name	14.5T8/MAS/48-850/MF21/P 10/1
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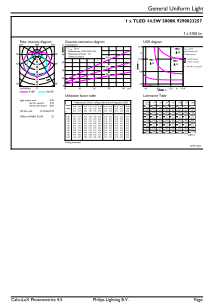
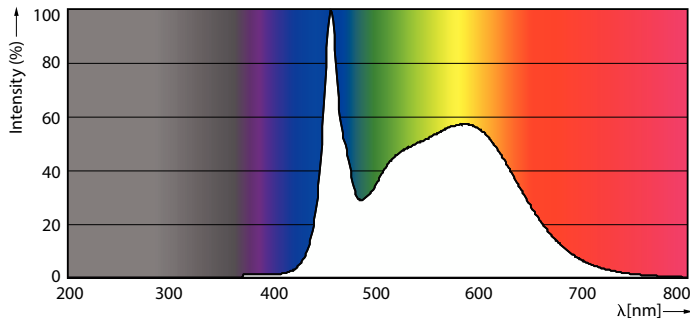
Order code	929002325734
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002325734
Full product name	14.5T8/MAS/48-850/MF21/P 10/1
EAN/UPC - Case	50046677575545

**Dimensional drawing**



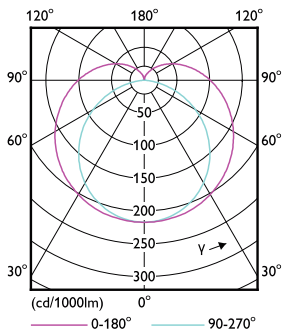
Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-850/MF21/P 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

**Photometric data**



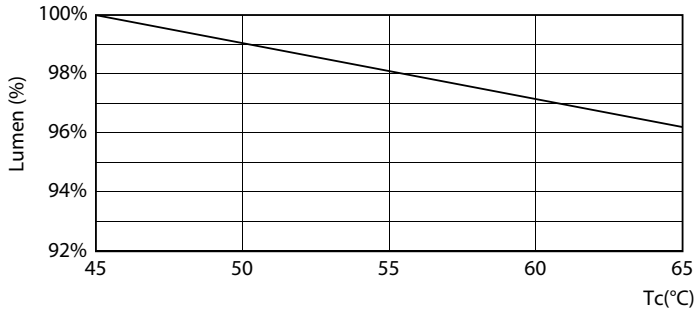
Spectral Power Distribution Colour - 14.5T8/MAS/48-850/MF21/P 10/1

General uniform lighting - 14.5T8/MAS/48-850/MF21/P 10/1

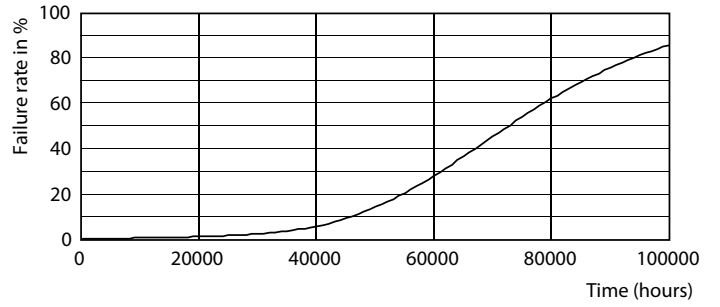


Light Distribution Diagram - 14.5T8/MAS/48-850/MF21/P 10/1

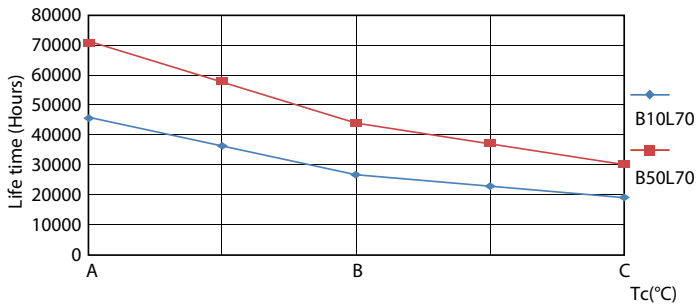
Lifetime



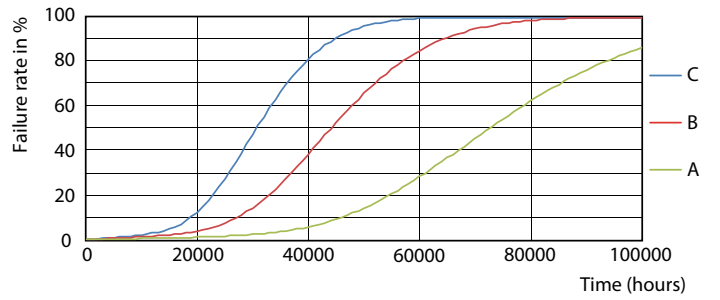
Lumen Maintenance Diagram - 14.5T8/MAS/48-850/MF21/P 10/1



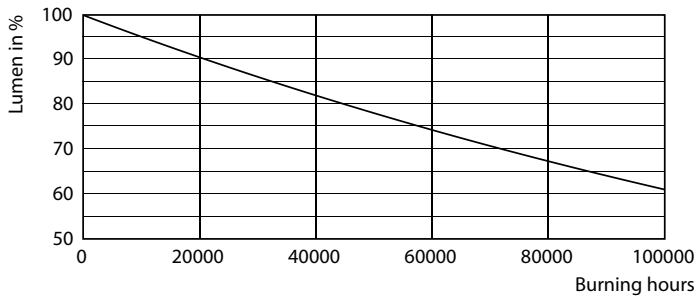
Life Expectancy Diagram - 14.5T8/MAS/48-850/MF21/P 10/1



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Lumen Maintenance Diagram - 14.5T8/MAS/48-850/MF21/P 10/1

