



T8

14.5T8/MAS/48-840/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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Wattage Equivalent	32 W
Nominal lifetime	70,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	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	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Limited
Luminous Efficacy (rated) (Nom)	144.00 lm/W		
Color Consistency	<6	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		

T8

Approval and Application

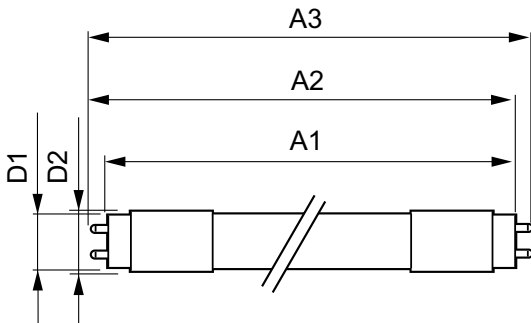
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

Product Data

Order product name	14.5T8/MAS/48-840/MF21/P 10/1
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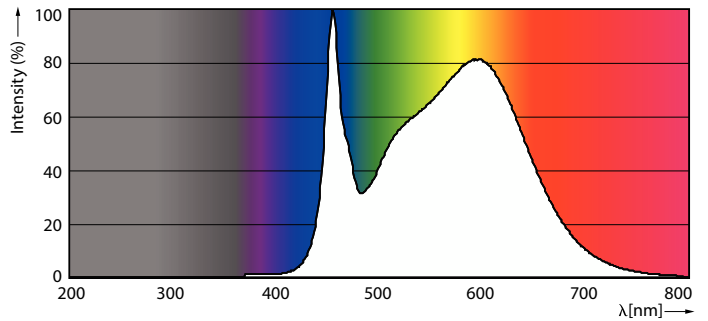
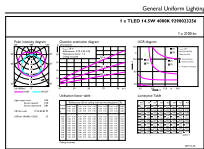
Order code	929002325634
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325634
Full product name	14.5T8/MAS/48-840/MF21/P 10/1
EAN/UPC - Case	5004667757538

Dimensional drawing



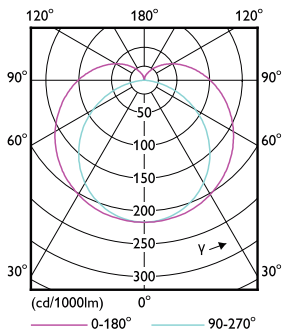
Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-840/MF21/P 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



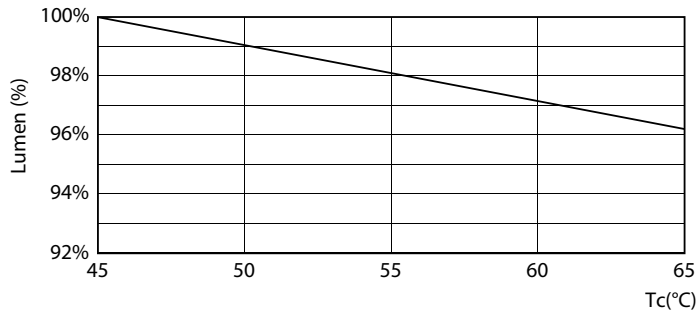
General uniform lighting - 14.5T8/MAS/48-840/MF21/P 10/1

Spectral Power Distribution Colour - 14.5T8/MAS/48-840/MF21/P 10/1

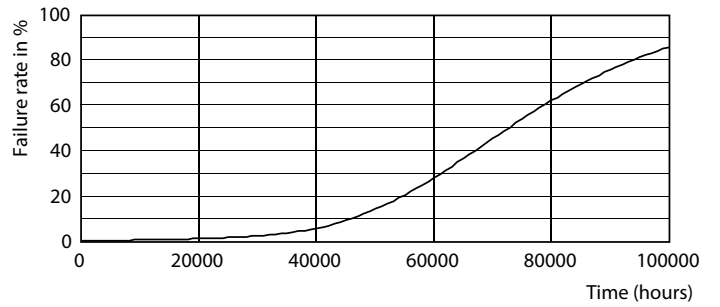


Light Distribution Diagram - 14.5T8/MAS/48-840/MF21/P 10/1

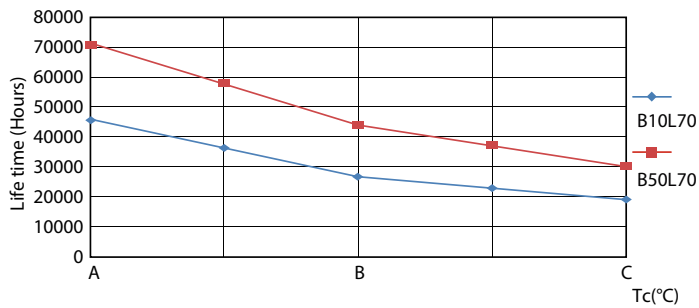
Lifetime



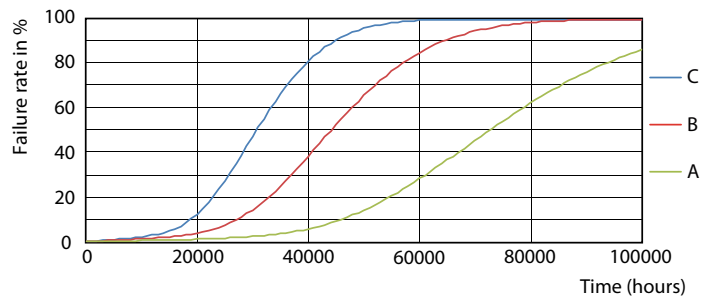
Lumen Maintenance Diagram - 14.5T8/MAS/48-840/MF21/P 10/1



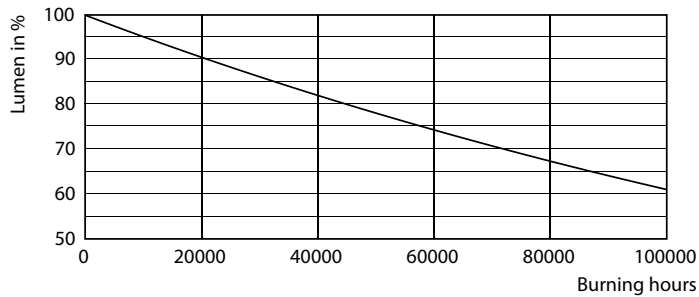
Life Expectancy Diagram - 14.5T8/MAS/48-840/MF21/P 10/1



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Lumen Maintenance Diagram - 14.5T8/MAS/48-840/MF21/P 10/1

