



# T8

## 7T8/MAS/24-840/IF11/P/DIM 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		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	20K to 120K Hz
EU RoHS compliant	Yes	Input Frequency	20K to 120K Hz
Nominal lifetime	70,000 hour(s)	Power Consumption	7 W
Switching Cycle	50,000	Wattage Equivalent	17 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
Brand	Philips	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277,347 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)	104 °F
Luminous Flux	1,200 lumen		
Color Designation	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Only with specific dimmers
Luminous Efficacy (rated) (Nom)	171 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

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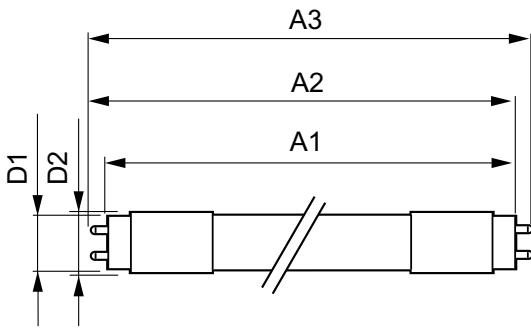
Product Length	23-5/8 inch
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

## Product Data

Order product name	7T8/MAS/24-840/IF11/P/DIM 10/1
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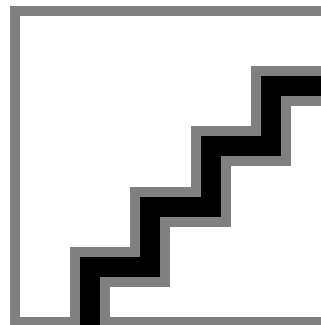
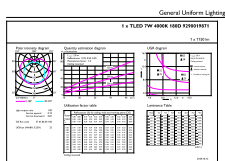
Order code	541839
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001987104
Net weight	0.090 kg
Full product name	7T8/MAS/24-840/IF11/P/DIM 10/1
EAN/UPC - Case	50046677541830

## Dimensional drawing



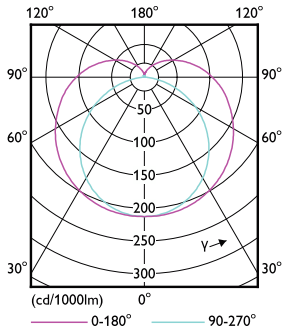
Product	D1	D2	A1	A2	A3
7T8/MAS/24-840/IF11/P/DIM 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

## Photometric data



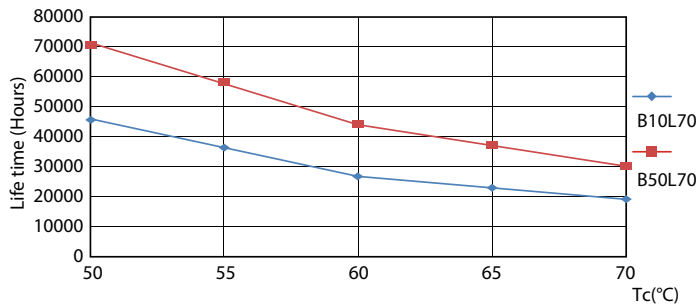
Spectral Power Distribution Colour - 7T8/MAS/24-840/IF11/P/DIM 10/1

Photometric data

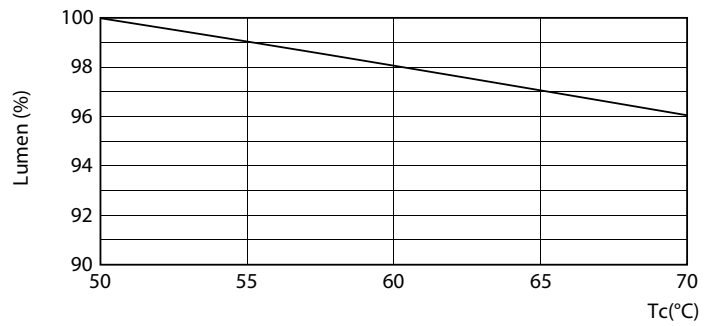


Light Distribution Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1

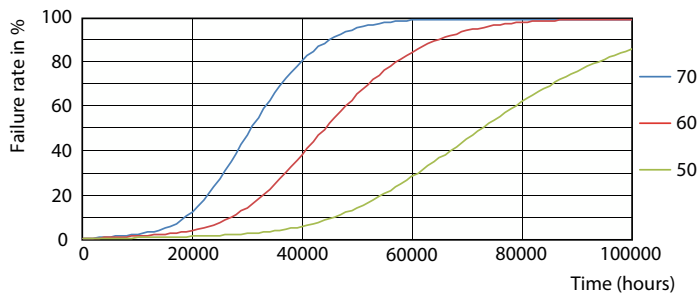
Lifetime



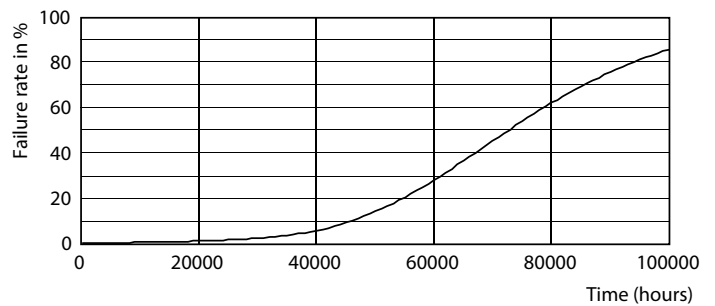
Life Expectancy Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1



Lumen Maintenance Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1



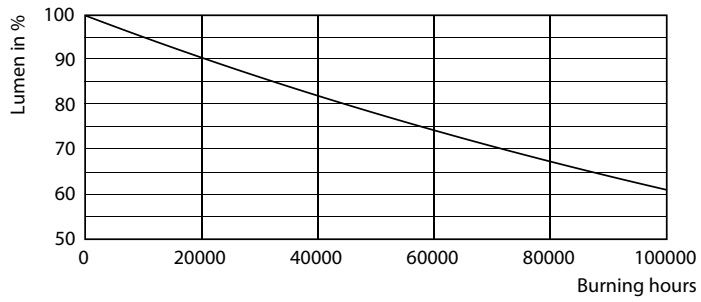
Life Expectancy Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1



Life Expectancy Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1

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## Lifetime



Lumen Maintenance Diagram - 7T8/MAS/24-840/IF11/P/DIM 10/1

