



# MasterClass LEDtube Mains T8

12T8/PER/48-835/BB17/G 10/1 FB

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

## Product data

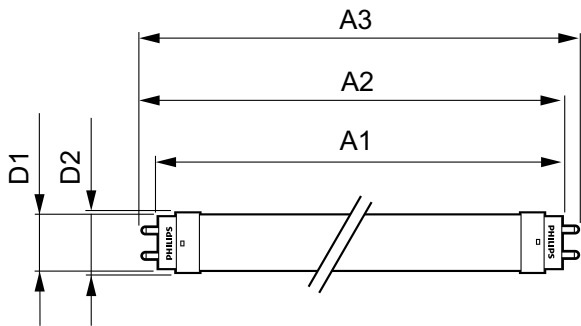
General Information		Starting Time (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		0.5 s
Nominal Lifetime (Nom)	50000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000X	Power Factor (Nom)	0.9
B50L70	50000 h	Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	835 [ CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1700 lm	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	1700 lm	T-Storage (Min)	-40 °C
Rated Beam Angle	240 °	T-Case Maximum (Nom)	70 °C
Correlated Color Temperature (Nom)	3500 K	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	1200 mm
Operating and Electrical		Approval and Application	
Input Frequency	50 to 60 Hz	Energy Saving Product	Yes
Power (Rated) (Nom)	12 W	Approbation Marks	UL certificate RoHS compliance DLC compliance
Lamp Current (Max)	120 mA		
Lamp Current (Min)	40 mA		

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DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
<b>Product Data</b>	
Order product name	12T8/PER/48-835/BB17/G 10/1 FB
EAN/UPC - Product	046677532680
Order code	532689

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001876904
Net Weight (Piece)	0.215 kg
Model Number	9290018769

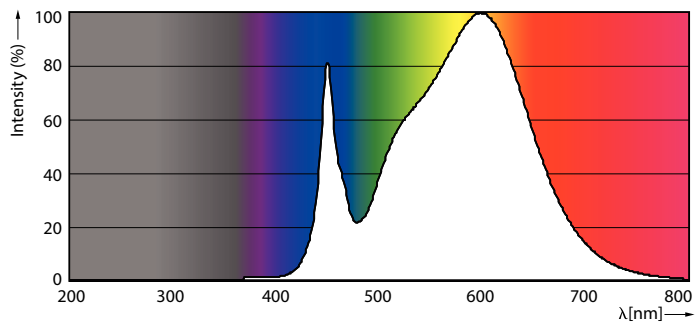
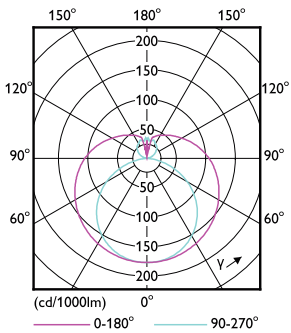
## Dimensional drawing



Product	D1	D2	A1	A2	A3
12T8/PER/48-835/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

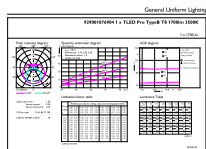
Performance TypeB 1800lm 12W

## Photometric data



LEDtube PRO 12W G13 830 24D ND

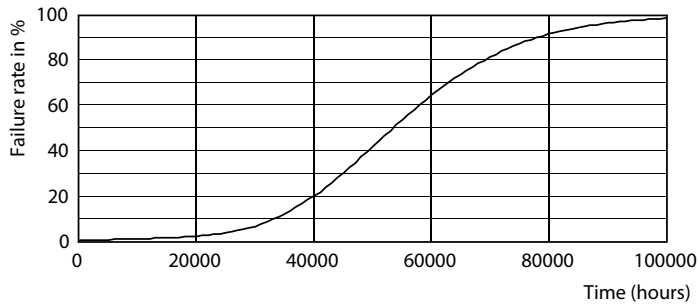
LEDtube PRO 12W G13 835 24D ND



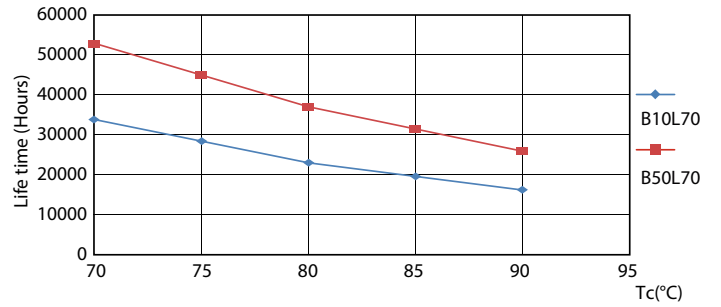
LEDtube PRO 12W G13 835 24D ND

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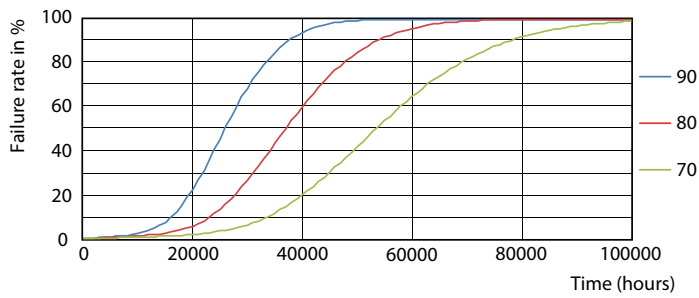
## Lifetime



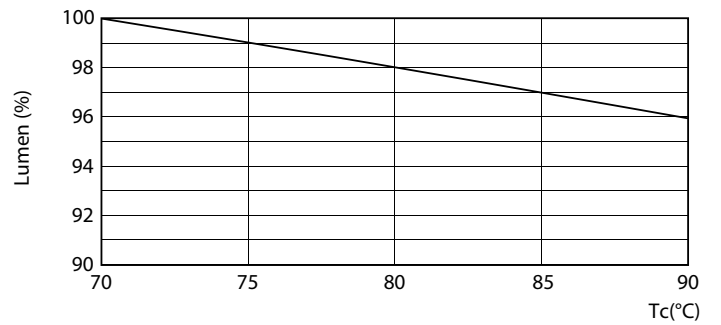
LEDtube PRO 12W G13 830 24D ND



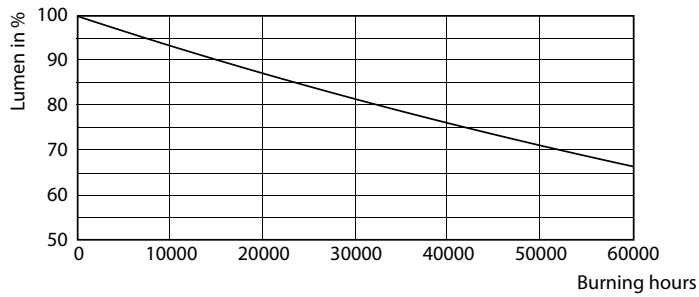
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