



# MasterClass LEDtube Mains T8

12T8/PER/48-840/BB18/G 10/1 FB

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

## Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	841 [ CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	12 W
Lamp Current (Max)	120 mA
Lamp Current (Min)	40 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

Approval and Application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance

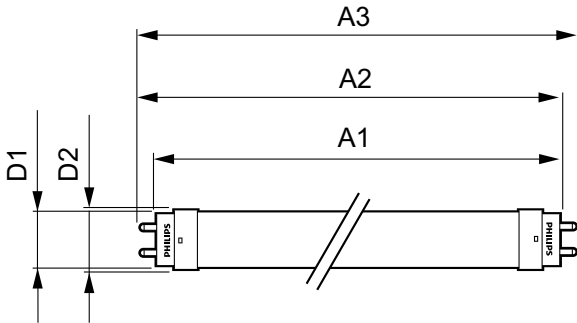
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## Product Data

Order product name	12T8/PER/48-840/BB18/G 10/1 FB
EAN/UPC - Product	046677532697
Order code	532697
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929001877004
Net Weight (Piece)	0.215 kg
Model Number	9290018770

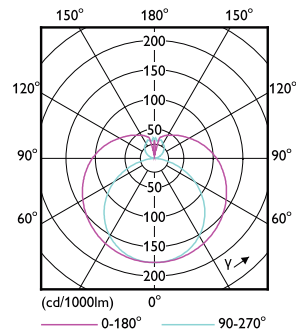
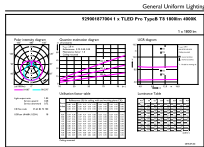
## Dimensional drawing



Performance TypeB 1800lm 12W

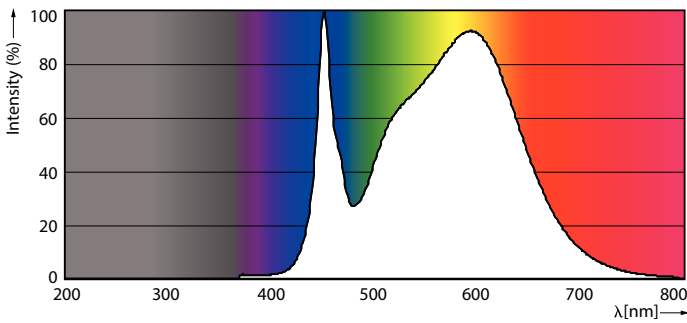
Product	D1	D2	A1	A2	A3
12T8/PER/48-840/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtube PRO 12W G13 840 24D ND

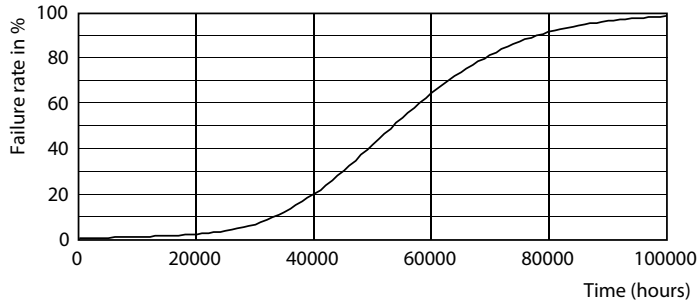
LEDtube PRO 12W G13 830 24D ND



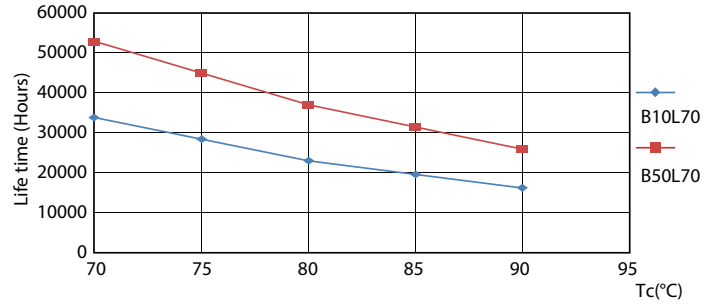
LEDtube PRO 12W G13 840 24D ND

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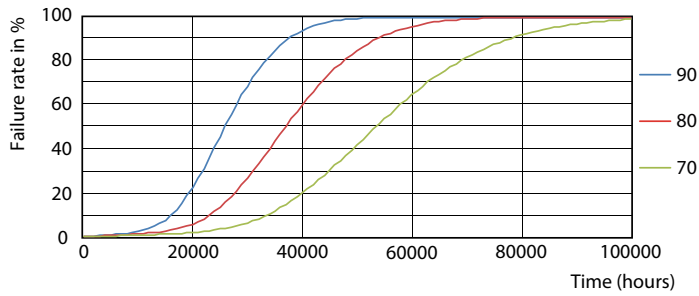
## Lifetime



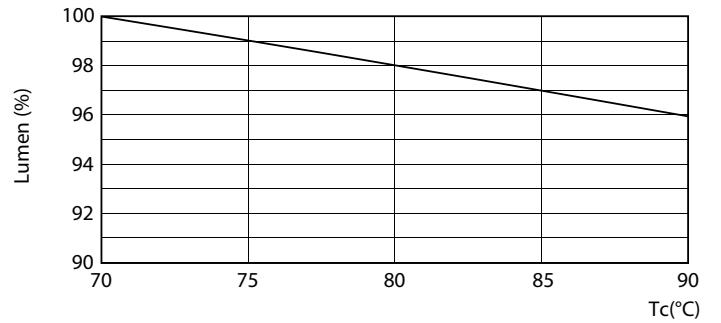
LEDtube PRO 12W G13 830 24D ND



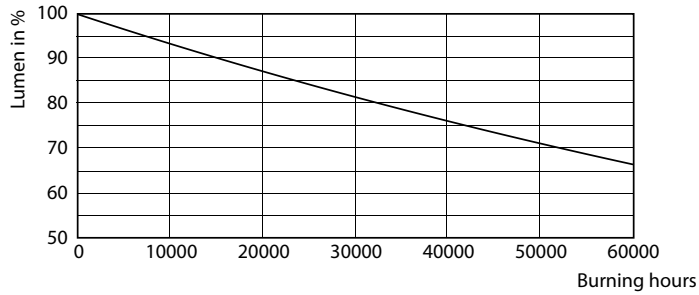
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