

T12

16T8/LED/48-840/UF18/G 10/1

Philips UniversalFit TLEDs offer unique ballast compatibility working with both electronic (instant-start) and magnetic ballasts while meeting the revised UL1993 standards. The UniversalFit TLEDs are engineered to deliver excellent lighting effects and substantial energy savings while providing unmatched user & installer safety.

Product data

General Information	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
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	50-120000 Hz
Power (Rated) (Nom)	16 W
Lamp Current (Max)	600 mA
Lamp Current (Min)	110 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s

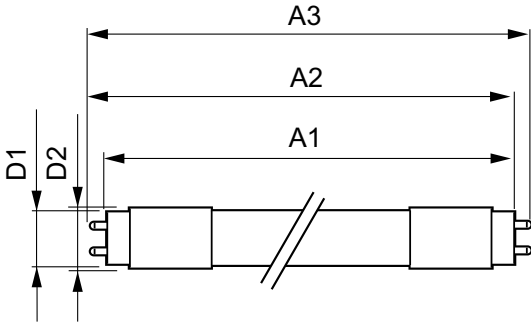
Power Factor (Nom)	0.9
Voltage (Nom)	40-330 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Product Data	
XUCDM.COPY.Product.Title	16T8/LED/48-840/UF18/G 10/1
EAN/UPC - Product	046677539979

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Order code	539972
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001965904

Net Weight (Piece)	0.215 kg
Model Number	9290019659

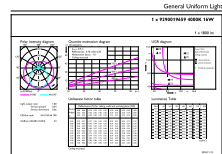
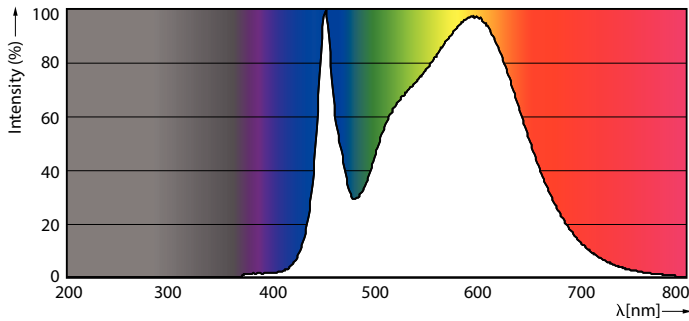
Dimensional drawing



4ft T8 16-32W 1700lm 240D 4000K G13 ND

Product	D1	D2	A1	A2	A3
16T8/LED/48-840/UF18/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

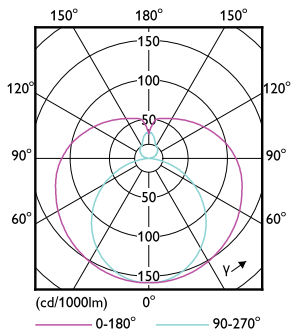
Photometric data



General Lighting Data

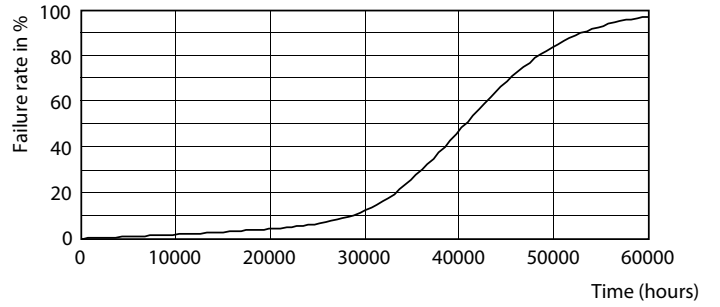
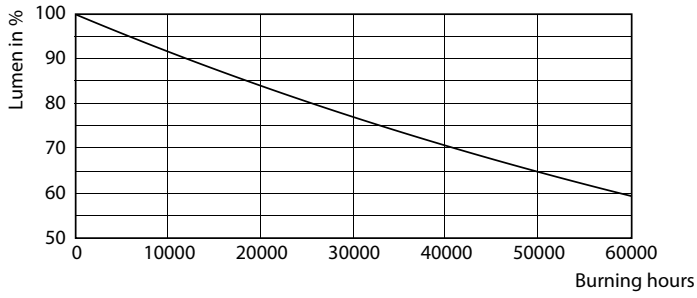
LEDtube 16T8 UF18 48-840

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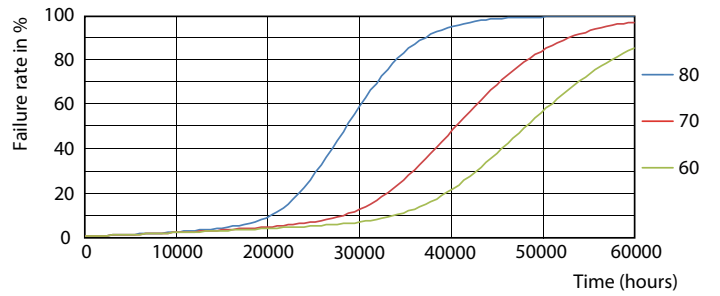
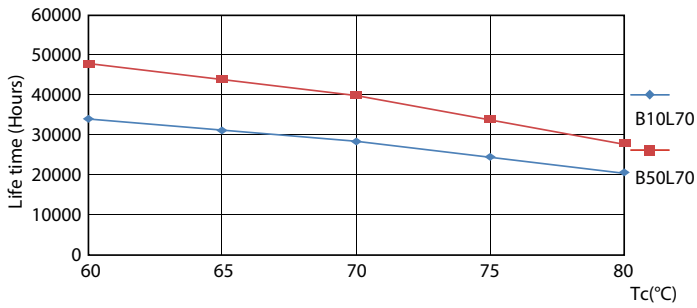
LEDtube 16T8 UF18

Lifetime



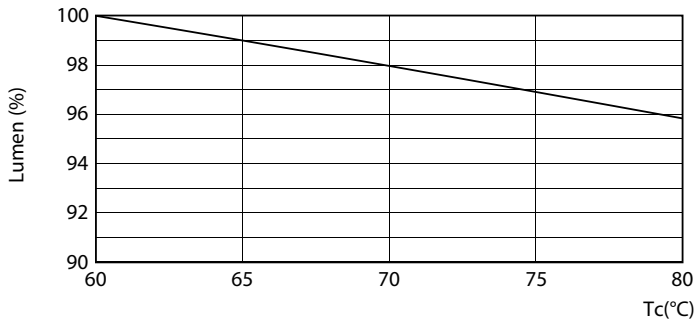
LEDtube 16T8 UF18

LEDtube 16T8 UF18



LEDtube 16T8 UF18 LifetimeVsTc

LEDtube 16T8 UF18 FailureRate



LEDtube 16T8 UF18 LumenVsTc

