



T12

16T8/LED/48-850/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.

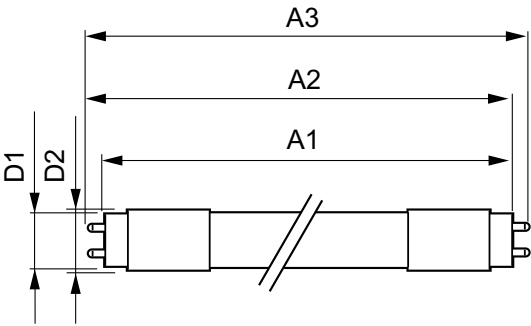
Product data

General Information		Warm Up Time to 60% Light (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]	Power Factor (Nom)	0.9
Nominal Lifetime (Nom)	36000 h	Voltage (Nom)	40-330 V
Switching Cycle	50000X	Temperature	
B50L70	36000 h	T-Ambient (Max)	45 °C
Light Technical		T-Ambient (Min)	-20 °C
Color Code	850 [CCT of 5000K]	T-Storage (Max)	65 °C
Beam Angle (Nom)	240 °	T-Storage (Min)	-40 °C
Initial lumen (Nom)	1800 lm	T-Case Maximum (Nom)	60 °C
Luminous Flux (Rated) (Nom)	1800 lm	Controls and Dimming	
Rated Beam Angle	240 °	Dimmable	No
Correlated Color Temperature (Nom)	5000 K	Mechanical and Housing	
Color Consistency	<5	Product Length	1200 mm
Color Rendering Index (Nom)	80	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Approbation Marks	RoHS compliance UL certificate
Input Frequency	50-120000 Hz	Product Data	
Power (Rated) (Nom)	16 W	Order product name	16T8/LED/48-850/UF18/G 10/1
Lamp Current (Max)	600 mA		
Lamp Current (Min)	110 mA		
Starting Time (Nom)	0.5 s		

EAN/UPC - Product	046677539986
Order code	539980
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001966004

Net Weight (Piece)	0.220 kg
Model Number	9290019660

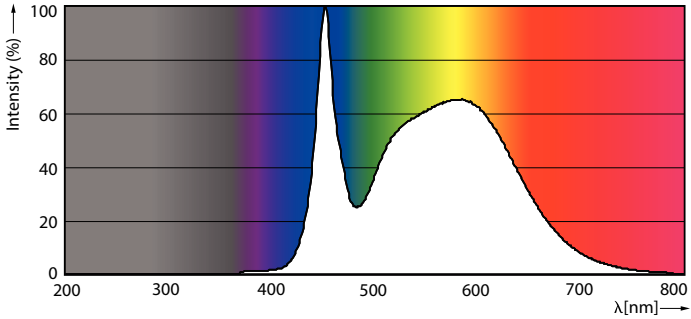
Dimensional drawing



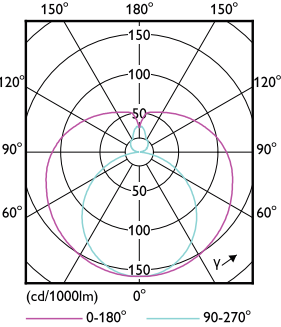
4ft T8 16-32W 1800lm 240D 5000K G13 ND

Product	D1	D2	A1	A2	A3
16T8/LED/48-850/UF18/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

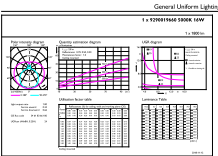
Photometric data



LEDtube 16T8 UF18 48-850



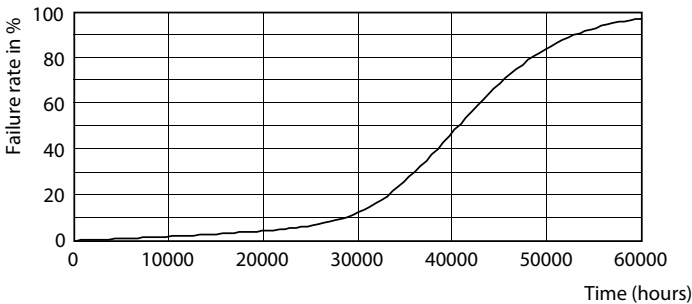
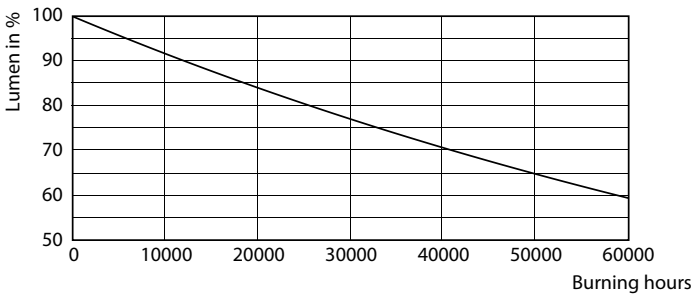
LEDtube 16T8 UF18



General Uniform Lighting

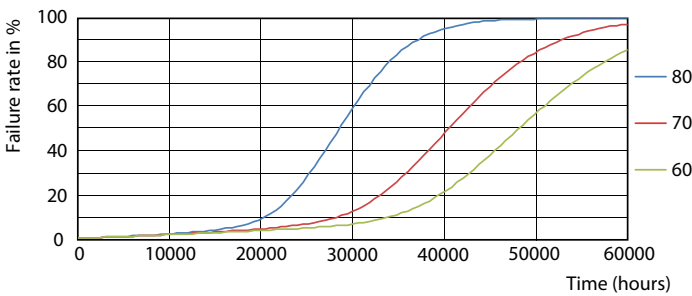
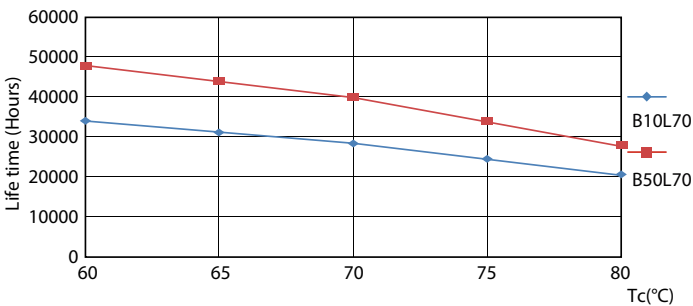
LEDtube 16T8 UF18 48-850

Lifetime



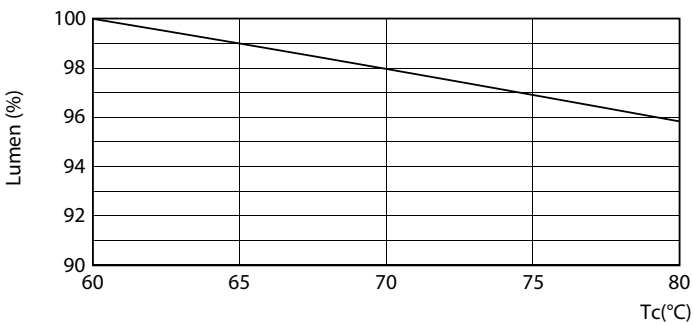
LEDtube 16T8 UF18

LEDtube 16T8 UF18



LEDtube 16T8 UF18 LifetimeVsTc

LEDtube 16T8 UF18 FailureRate



LEDtube 16T8 UF18 LumenVsTc

