

UniversalFit (UL Type-A) T8

16T8/LED/48-850/UF18/G 10/1

Contractor grade, LEDtube, T8, 47-1/4 inch, 16 W, 5000 K, 1800 lm, 36000 hour(s)

Contractor grade, LEDtube, T8, 47-1/4 inch, 16 W, 5000 K, 1800 lm, 36000 hour(s), 112.00 lm/W, G13, Glass

Product data

General Information	
Cap-Base	G13
Nominal lifetime	36,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	1,800 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<5
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50-120000 Hz

Input Frequency	50-120000 Hz
Power Consumption	16 W
Lamp Current (Max)	600 mA
Lamp Current (Min)	110 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	40-330 V
UL Type	UL Type A
Temperature	
T-Case Maximum (Nom)	140 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.485 lb

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions

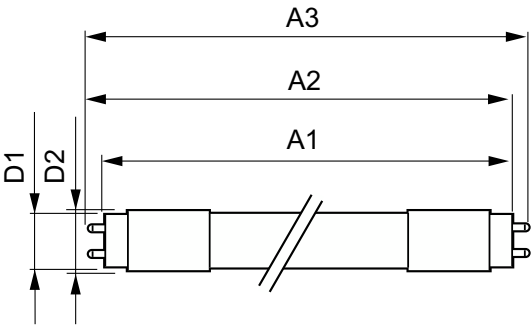
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

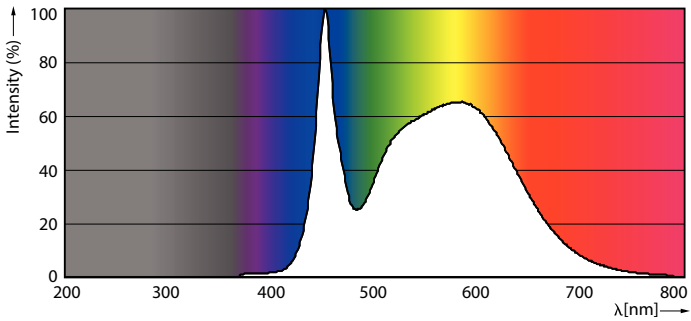
Order product name	16T8/LED/48-850/UF18/G 10/1
Full product name	16T8/LED/48-850/UF18/G 10/1
Order code	539980
Material Nr. (12NC)	929001966004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677539986
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677539981

Dimensional drawing

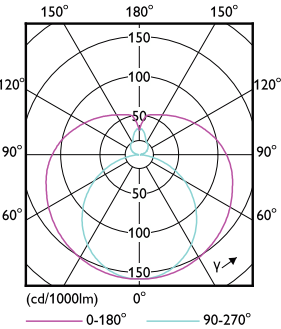


Product	D1	D2	A1	A2	A3
16T8/LED/48-850/ UF18/G 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data

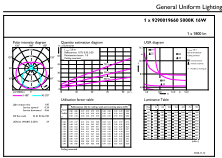


Spectral Power Distribution Colour - 16T8/LED/48-850/UF18/G 10/1



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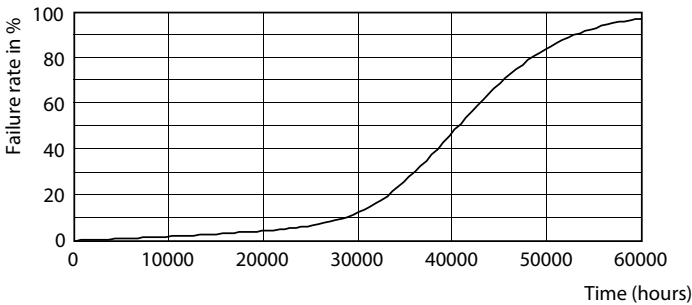
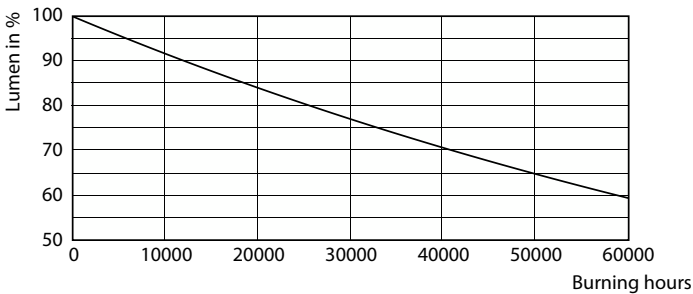
Photometric data



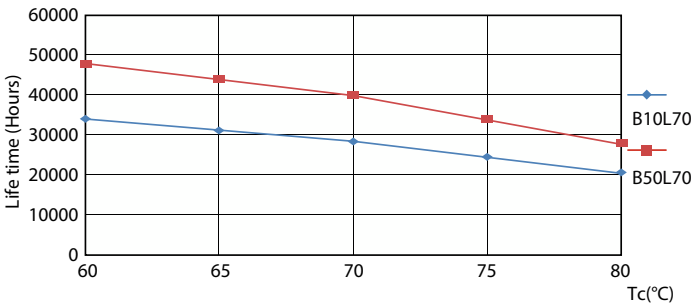
UniversalFit (UL Type-A) T8 16T8

General uniform lighting - 16T8/LED/48-850/UF18/G 10/1

Lifetime

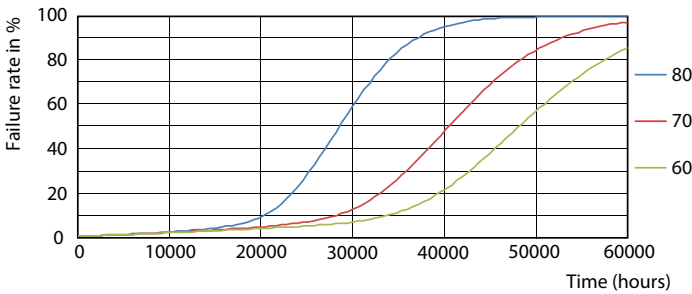


Lumen Maintenance Diagram - 16T8/LED/48-850/UF18/G 10/1



LEDtube 16T8 UF18 LifetimeVsTc

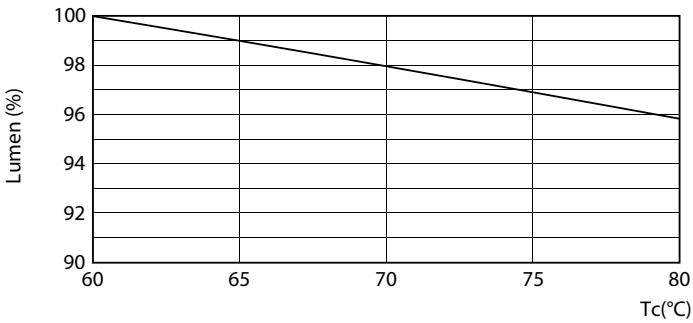
LEDtube 16T8 UF18



LEDtube 16T8 UF18 FailureRate

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Lifetime



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