



Contractor-grade InstantFit (UL Type-A) T8

16T8/LED/48-850/IF18/G 25/1

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	<6
Color rendering index (CRI)	80

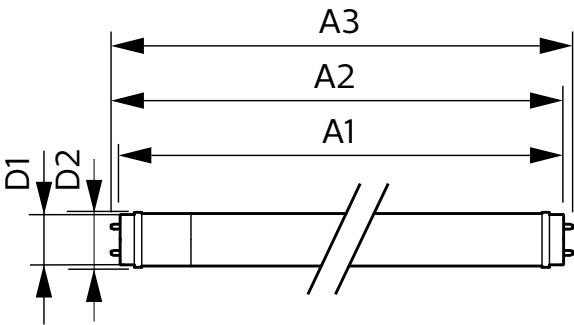
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	20K to 120K Hz
Input Frequency	20K to 120K Hz
Power Consumption	16 W
Lamp Current (Max)	330 mA
Lamp Current (Min)	110 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V
UL Type	UL Type A

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Temperature	
T-Case Maximum (Nom)	95 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.474 lb
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes

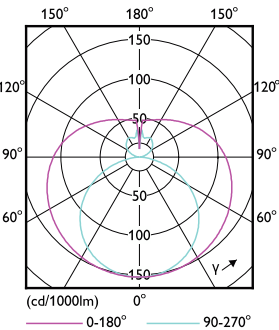
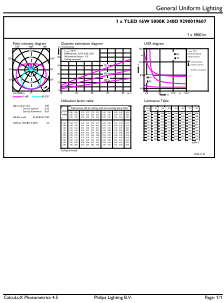
Ambient temperature range	-4 °F to 113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	16T8/LED/48-850/IF18/G 25/1
Full product name	16T8/LED/48-850/IF18/G 25/1
Order code	542092
Material Nr. (12NC)	929001960704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677542092
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677542097

Dimensional drawing



Product	D1	D2	A1	A2	A3
16T8/LED/48-850/IF18/G 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data

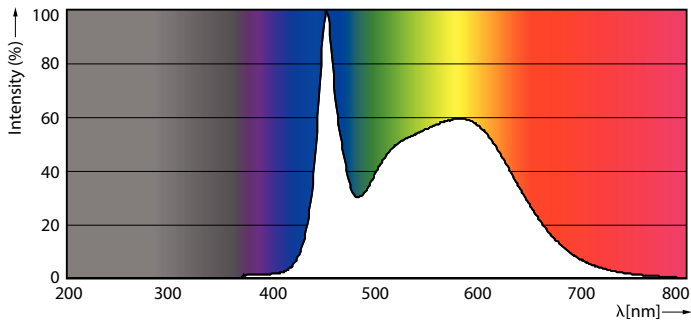


Accent Lighting Spots - 16T8/LED/48-850/IF18/G 25/1

Light Distribution Diagram - 16T8/LED/48-850/IF18/G 25/1

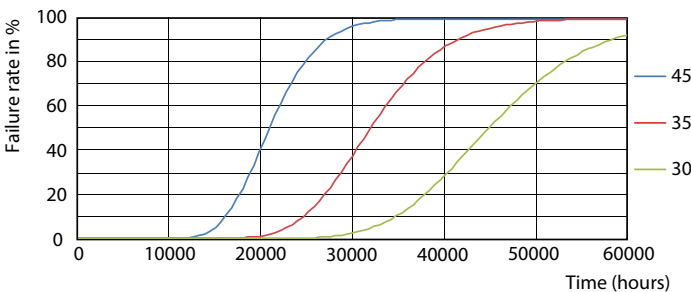
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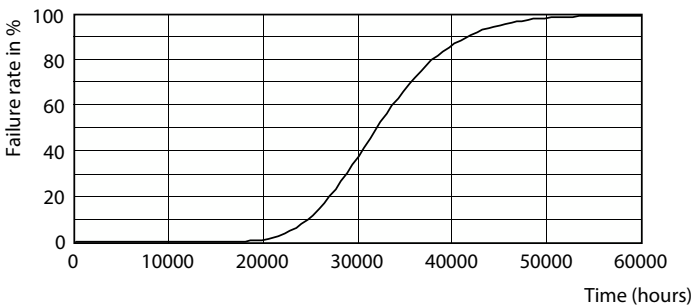


Spectral Power Distribution Colour - 16T8/LED/48-850/IF18/G 25/1

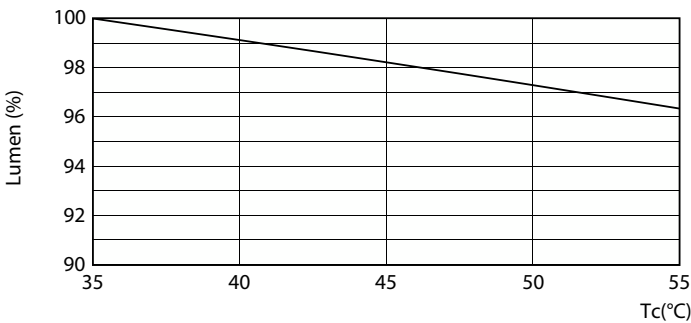
Lifetime



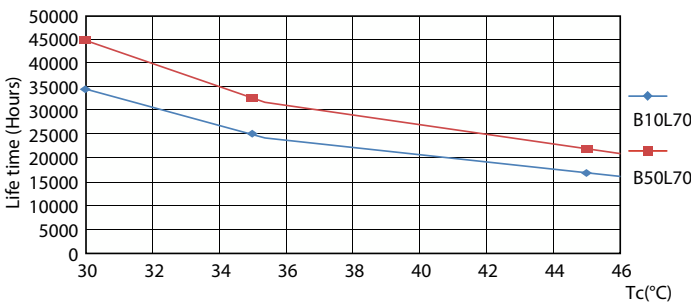
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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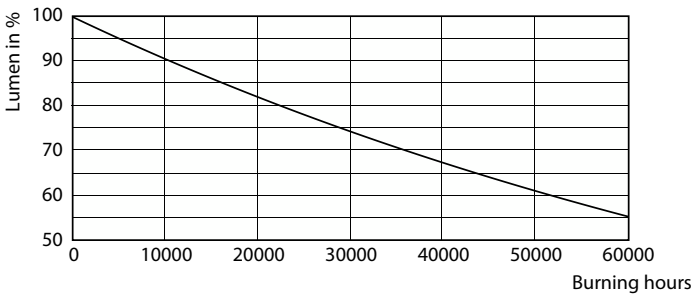
Lumen Maintenance Diagram - 16T8/LED/48-850/IF18/G 25/1



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Lifetime



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