



# Contractor-grade InstantFit (UL Type-A) T8

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

The InstantFit LED lamps provide hassle-free installation with simple lamp-for-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect. Other lamps claim compatibility but only InstantFit (UL Type A) has been proven to work with over 350 ballasts and drivers, delivering even light output, with proven energy savings and a long average lifetime. End users will be delighted being under these comfortable and high quality InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy the InstantFit lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

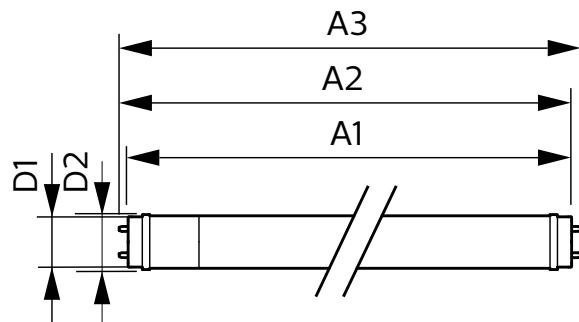
### Product data

General Information		Correlated Color Temperature (Nom)	5000 K
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Consistency	<6
Nominal lifetime	36,000 hour(s)	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED		
Light Technical		Operating and Electrical	
Color Code	850 [CCT of 5000K]	Line Frequency	20K to 120K Hz
Beam Angle (Nom)	240 degree(s)	Input Frequency	20K to 120K Hz
Luminous Flux	1,800 lm	Power Consumption	16 W
Color Designation	Daylight	Lamp Current (Max)	330 mA
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Lamp Current (Min)	110 mA
		Wattage Equivalent	32 W

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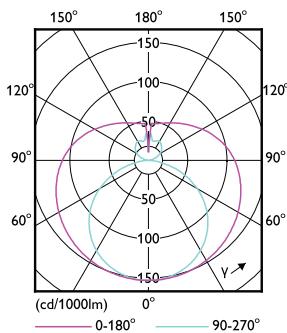
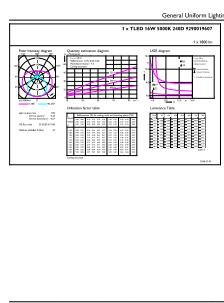
Starting Time (Nom)	0.5 s	Approval Marks	RoHS compliance UL certificate
Warm-up time to 60% light	0.5 s	Energy Consumption kWh/1000 h	- kWh
Power Factor (Fraction)	0.9	EU RoHS compliant	Yes
Voltage (Nom)	120-277, 347 V		
UL Type	UL Type A		
<b>Temperature</b>			
Ambient temperature range	-20 °C to 45 °C	can it be used in closed luminaires	Yes
T-Case Maximum (Nom)	35 °C		
<b>Controls and Dimming</b>			
Dimmable	No	Product Data	
		Order product name	16T8/LED/48-850/IF18/G 25/1
<b>Mechanical and Housing</b>			
Bulb Finish	Frosted	Full product name	16T8/LED/48-850/IF18/G 25/1
Bulb Material	Glass	Order code	542092
Product Length	1,200 mm	Material Nr. (12NC)	929001960704
Bulb Shape	T8	Numerator - Quantity Per Pack	1
		Net Weight (Piece)	0.215 kg
<b>Approval and Application</b>			
Energy Saving Product	Yes	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	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data

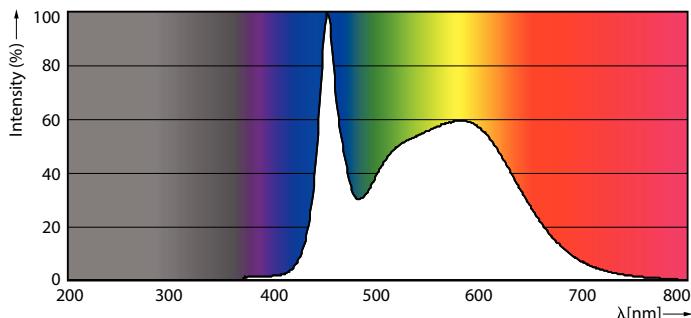


Accent Lighting Spots - 16T8/LED/48-850/IF18/G 25/1

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

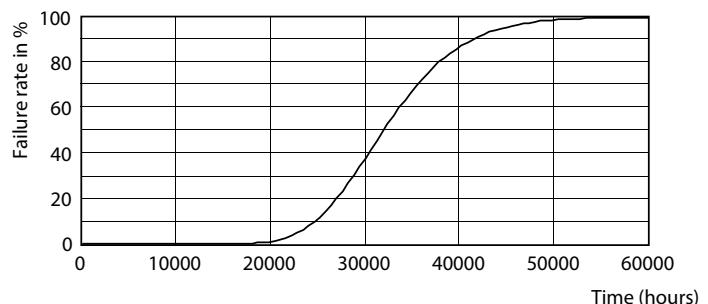
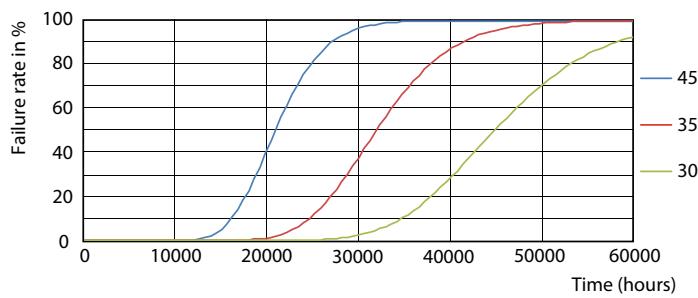
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### Photometric data

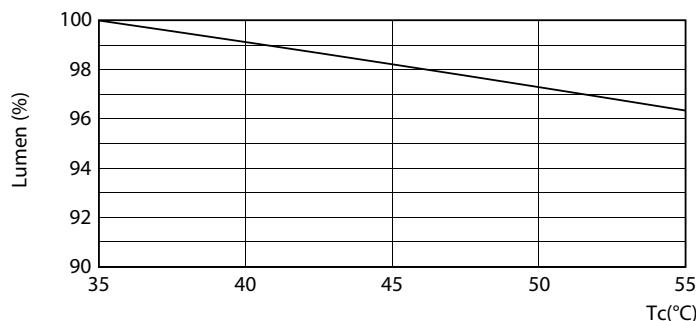


Spectral Power Distribution Colour - 16T8/LED/48-850/IF18/G 25/1

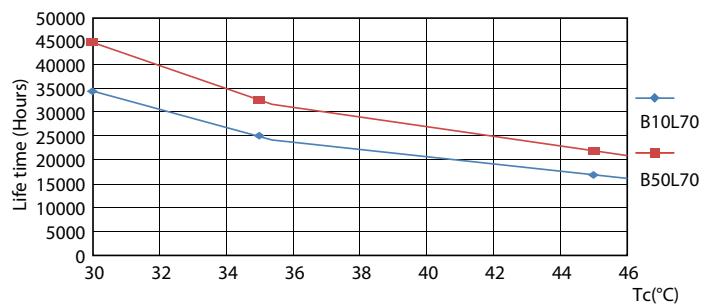
### Lifetime



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



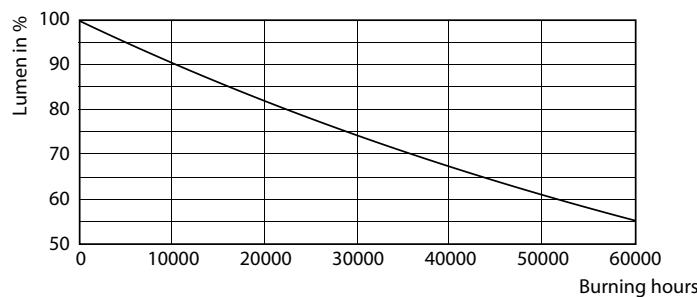
Lumen Maintenance Diagram - 16T8/LED/48-850/IF18/G 25/1



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

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### Lifetime



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

