

T8

42T8HO/COR/96-850/MF54/G/FA8 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

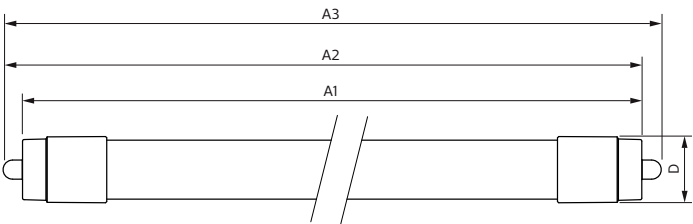
Product data

General information		Power (Nom) 42 W	
Cap-Base	FA8 [FA8]	Lamp Current (Max) 400 mA	
EU RoHS compliant	Yes	Lamp Current (Min) 180 mA	
Nominal Lifetime (Nom)	50000 h	Wattage Equivalent 96 W	
Switching Cycle	50000	Starting Time (Nom) 0.5 s	
Tier	CorePro	Warm Up Time to 60% Light (Nom) 0.5 s	
Light technical		UL Type Type B - bypass the ballast	
Color Code	850 [CCT of 5000K]	Power Factor (Nom) 0.9	
Beam Angle (Nom)	240 °	Voltage (Nom) 120-277 V	
Luminous Flux (Nom)	5400 lm	Temperature	
Color Designation	Daylight	T-Ambient (Max) 45 °C	
Correlated Color Temperature (Nom)	5000 K	T-Ambient (Min) -20 °C	
Luminous Efficacy (rated) (Nom)	128.00 lm/W	T-Storage (Max) 65 °C	
Color Consistency	<5	T-Storage (Min) -40 °C	
Color Rendering Index (Nom)	80	T-Case Maximum (Nom) 55 °C	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming	
Operating and electrical		Dimmable Limited	
Input Frequency	50 to 60 Hz		

Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	2400 mm
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

Product data	
Order product name	42T8HO/COR/96-850/MF54/G/FA8 10/1
EAN/UPC - Product	046677575144
Order code	929003099504
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003099504
Net Weight (Piece)	0.400 kg
Model Number	9290030995

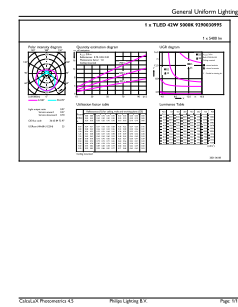
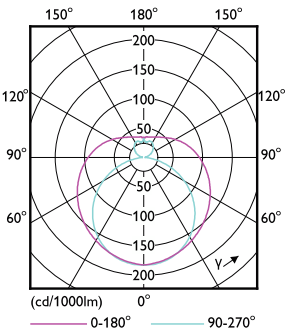
Dimensional drawing



Product	D2	A1	A2	A3
42T8HO/COR/96-850/ MF54/G/FA8 10/1	27.9 mm	2369.8 mm	2378.7 mm	2387.8 mm

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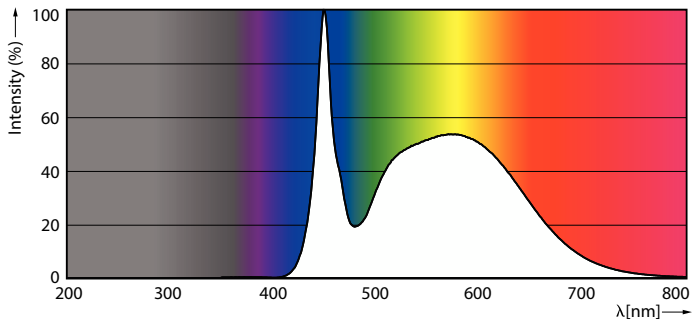
Photometric data



LEDtube COR 8ft 42W FA8 5400lm-LDD

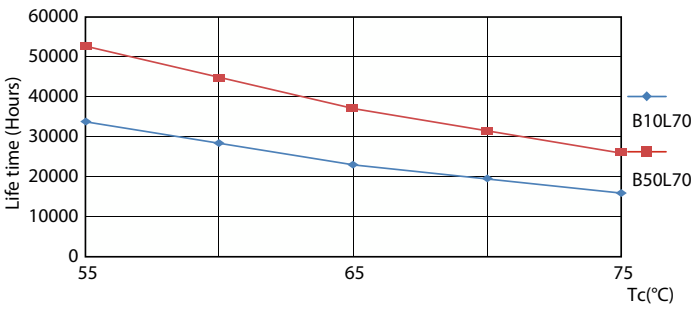
LEDtube COR 8ft 42W FA8 5400lm 850-GUL

Photometric data

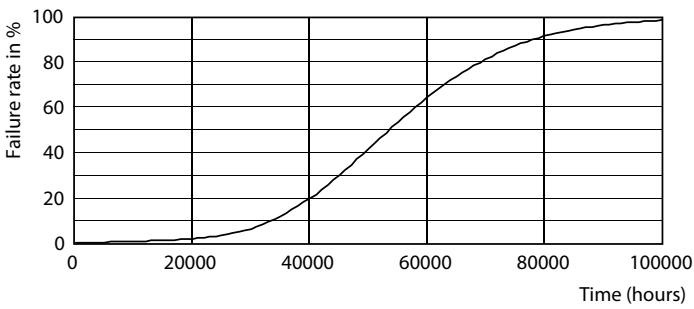


LEDtube COR 8ft 42W FA8 5400lm 850-POC

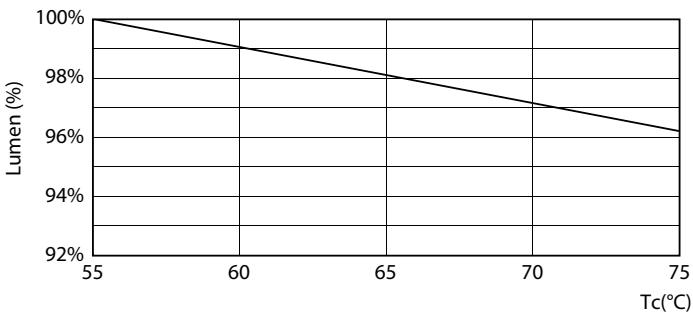
Lifetime



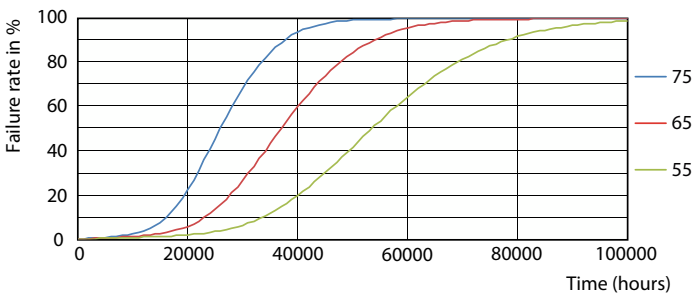
LEDtube COR 8ft 42W 50K LifetimeVsTc-LED



Life Expectancy Diagram



LEDtube COR 8ft 42W 50K LumenVsTc-LMP



LEDtube COR 8ft 42W 50K FailureRate-LED

Lifetime



Lumen Maintenance Diagram

