



10T8/COR/48-850/IF16/G/DIM 10/1

The CorePro 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 CorePro InstantFit (UL Type A) has been proven to work with over 200 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 CorePro InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy these lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the CorePro InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

Product data

General Information				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	70,000 hour(s)			
Switching Cycle	50,000			
Switching Cycle	30,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	850 [CCT of 5000K]			
Beam Angle (Nom)	240 degree(s)			
Luminous Flux	1,600 lm			
Color Designation	Daylight			
Correlated Color Temperature (Nom)	5000 K			
Luminous Efficacy (rated) (Nom)	160.00 lm/W			

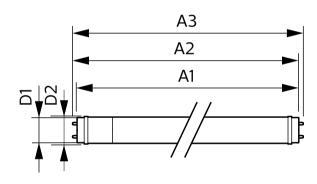
Color Consistency	<5			
Color rendering index (CRI)	82			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	25000-105000 Hz			
Input Frequency	25000-105000 Hz			
Power Consumption	10 W			
Lamp Current (Max)	260 mA			
Lamp Current (Min)	100 mA			
Wattage Equivalent	32 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			

Datasheet, 2023, August 16 data subject to change

Voltage (Nom)	120-277, 347 V		
UL Type	UL Type A		
Temperature			
Ambient temperature range	-4 °F to 113 °F		
T-Case Maximum (Nom)	122 °F		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Glass		
Product Length	47-1/4 inch		
Bulb Shape	T8		
Approval and Application			
Energy Saving Product	Yes		

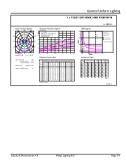
Approval Marks	RoHS compliance UL certificate DLC			
	compliance			
Energy Consumption kWh/1000 h	- kWh			
Application Conditions				
can it be used in closed luminaires	Yes			
Product Data				
Order product name	10T8/COR/48-850/IF16/G/DIM 10/1			
Full product name	10T8/COR/48-850/IF16/G/DIM 10/1			
Order code	553248			
Material Nr. (12NC)	929001991834			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677553241			
Numerator - Packs per outer box	10			
EAN/UPC - Case	50046677553246			

Dimensional drawing

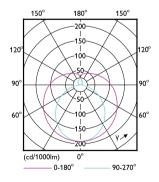


Product	D1	D2	A1	A2	А3
10T8/COR/48-850/	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
IF16/G/DIM 10/1					

Photometric data

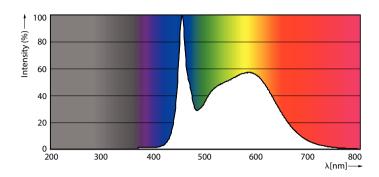






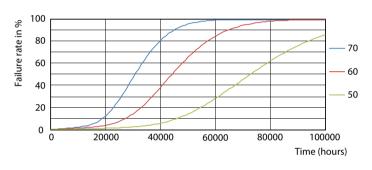
Light Distribution Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1

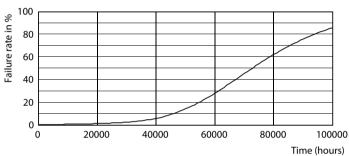
Photometric data



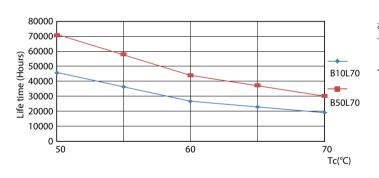
Spectral Power Distribution Colour - 10T8/COR/48-850/IF16/G/DIM 10/1

Lifetime

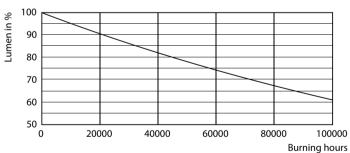




Life Expectancy Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1



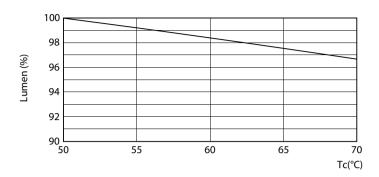
Life Expectancy Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1



Life Expectancy Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1

Lumen Maintenance Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1

Lifetime



Lumen Maintenance Diagram - 10T8/COR/48-850/IF16/G/DIM 10/1

