

DC-Fit (UL Type-C) T8

10T8/COR/48-850/DF16/G/DIM UL-C 25/1

The DC-Fit (UL Type C) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This lamp with DC driver has everything needed built into the lamp with proven energy savings, long life (up to 70k hours), better controllable performance and industry leading reliability features. All lamps in the DC-Fit family are double-ended to help simplify the installation. In addition, the DC lamps will have different lumen output with different dedicated DC drivers so that end users can have a comfortable environment with ideal light output.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	1,600 2,100 lumen
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color Consistency	<5
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

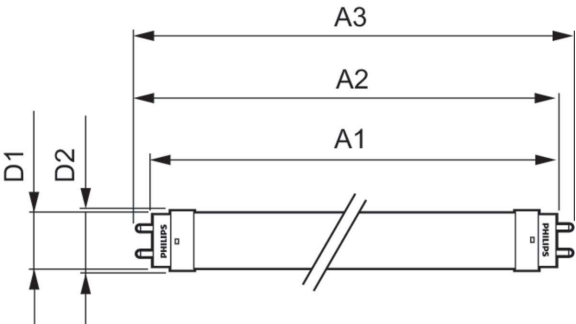
Operating and Electrical	
Input Frequency	~ Hz
Power Consumption	10 14 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	38-46 V
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	122 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm

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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	10T8/COR/48-850/DF16/G/DIM UL-C 25/1

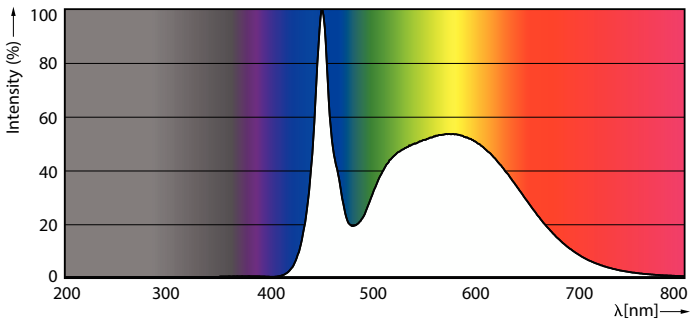
Order code	583996
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003651804
Full product name	10T8/COR/48-850/DF16/G/DIM UL-C 25/1
EAN/UPC - Case	50046677583991
EAN/UPC - Product/Case	046677583996

Dimensional drawing

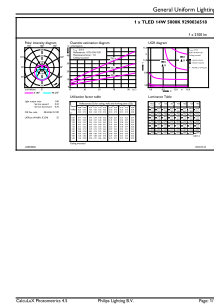


Product	D1	D2	A1	A2	A3
10T8/COR/48-850/ DF16/G/DIM UL-C 25/1	1-1/16 inch	1-1/16 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

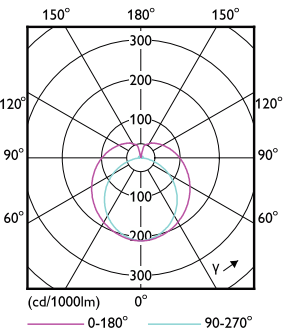
Photometric data



Spectral Power Distribution Colour - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



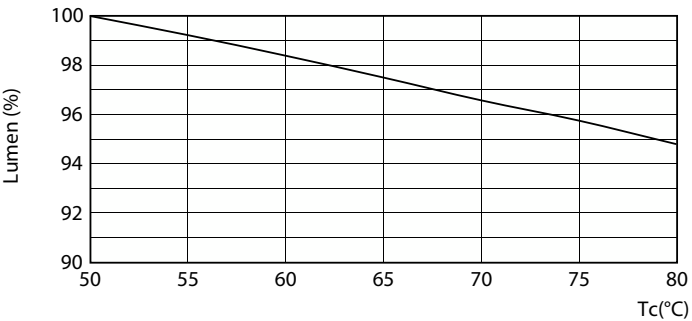
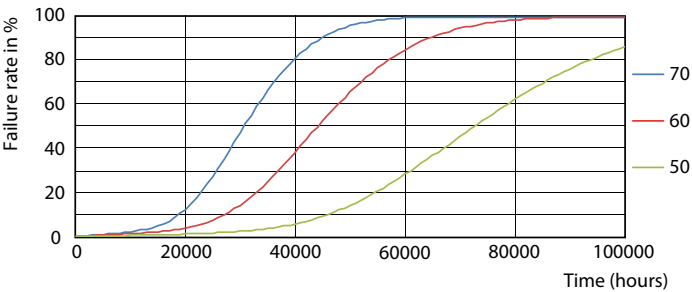
General uniform lighting - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



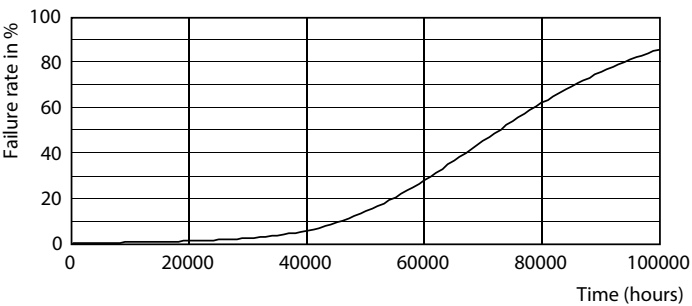
Light Distribution Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1

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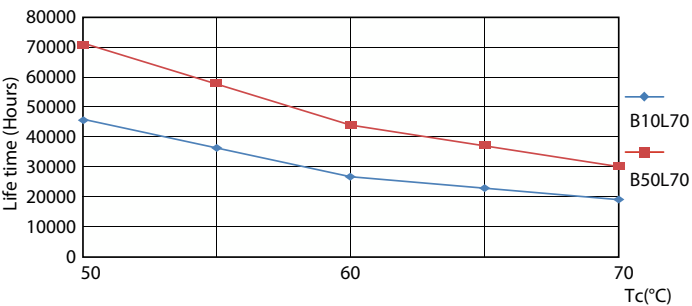
Lifetime



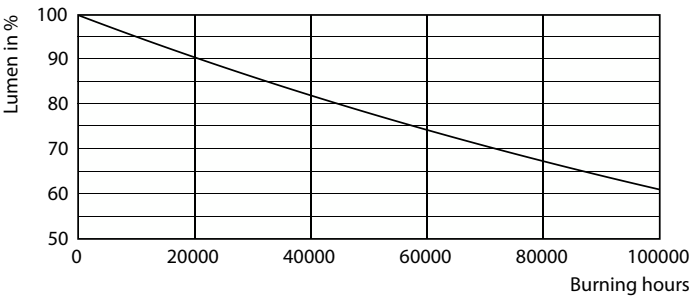
Life Expectancy Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



Lumen Maintenance Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



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