

DC-Fit (UL Type-C) T8

10T8/COR/48-840/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	840 [CCT of 4000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	1,600 2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	- Hz
Power Consumption	10 14 W
Lamp Current (Max)	430 mA
Lamp Current (Min)	150 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)	38-46 V
UL Type	UL Type C
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Only with specific dimmers

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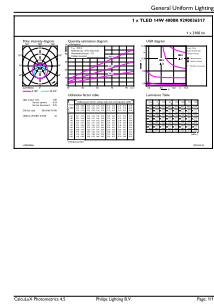
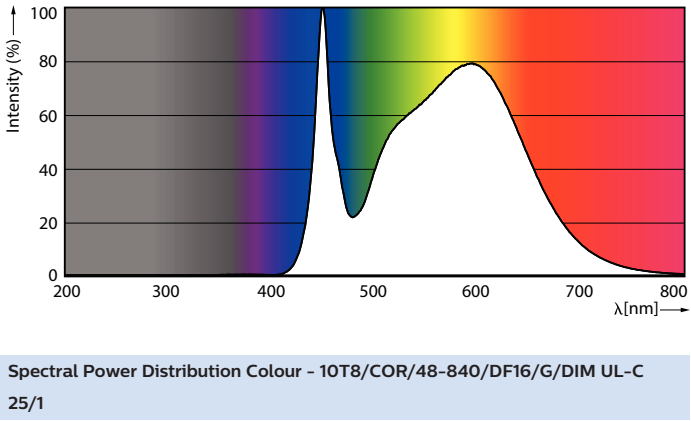
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	10T8/COR/48-840/DF16/G/DIM UL-C 25/1
Full product name	10T8/COR/48-840/DF16/G/DIM UL-C 25/1
Order code	929003651704
Material Nr. (12NC)	929003651704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677583989
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677583984

Dimensional drawing

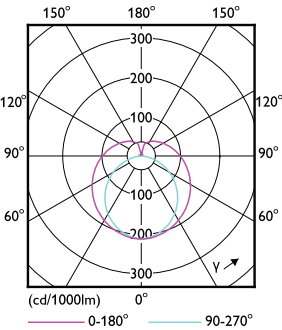
Product	D1	D2	A1	A2	A3
10T8/COR/48-840/ DF16/G/DIM UL-C 25/1	25.7 mm	26.3 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

Photometric data



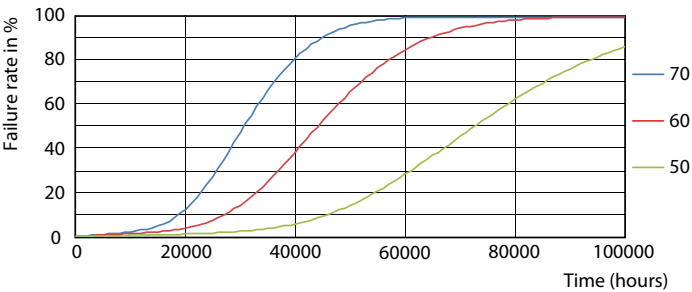
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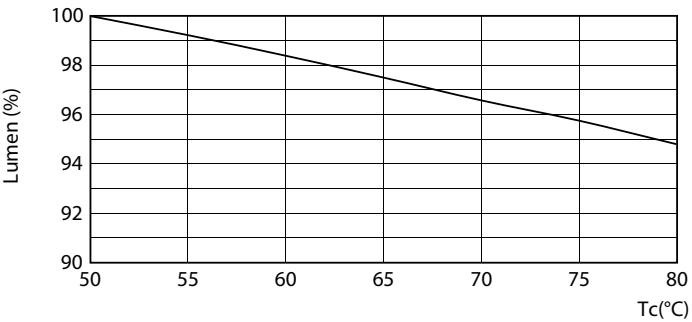


Light Distribution Diagram - 10T8/COR/48-840/DF16/G/DIM UL-C 25/1

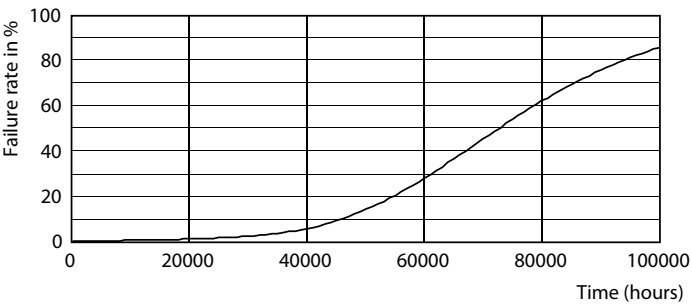
Lifetime



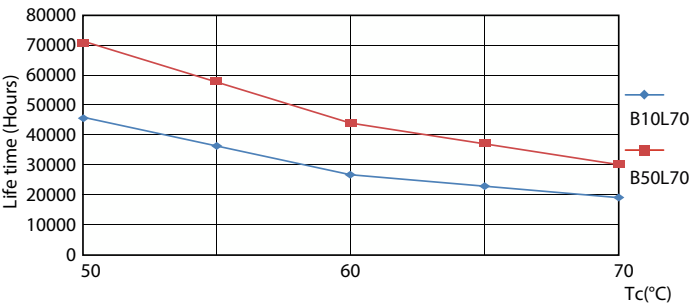
Life Expectancy Diagram - 10T8/COR/48-840/DF16/G/DIM UL-C 25/1



Lumen Maintenance Diagram - 10T8/COR/48-840/DF16/G/DIM UL-C 25/1



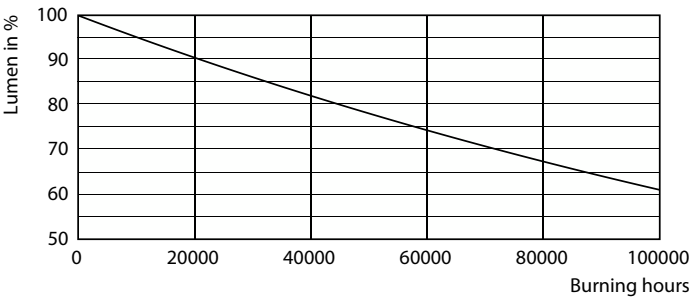
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Lifetime



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