



MasterClass LEDtube InstantFit T8

13.5T8PER/48-840/IF22/P/DIM CAN 10/1

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using an existing ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

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]
Luminous Flux	2,200 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	20000-120000 Hz
Input Frequency	20000-120000 Hz
Power Consumption	13.5 W
Lamp Current (Max)	400 mA

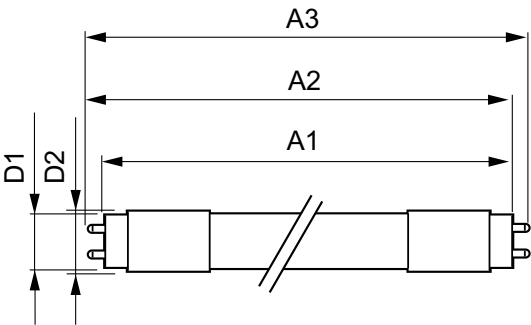
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277V; 347 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance

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Product Data	
Order product name	13.5T8PER/48-840/IF22/P/DIM CAN 10/1
Full product name	13.5T8PER/48-840/IF22/P/DIM CAN 10/1
Order code	533729
Material Nr. (12NC)	929001397824
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	046677533724
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677533729

Dimensional drawing

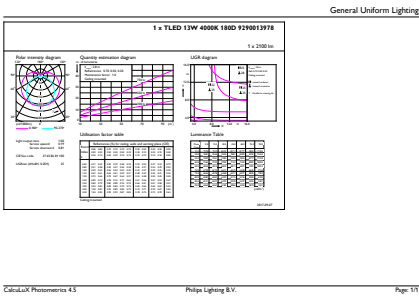


Product	D1	D2	A1	A2	A3
13.5T8PER/48-840/IF22/P/DIM CAN 10/1	25.7 mm	26.3 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

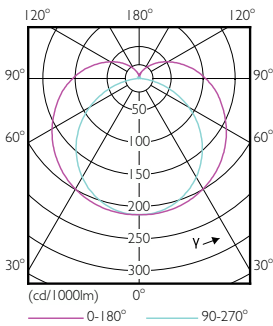
Photometric data



Spectral Power Distribution Colour - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1

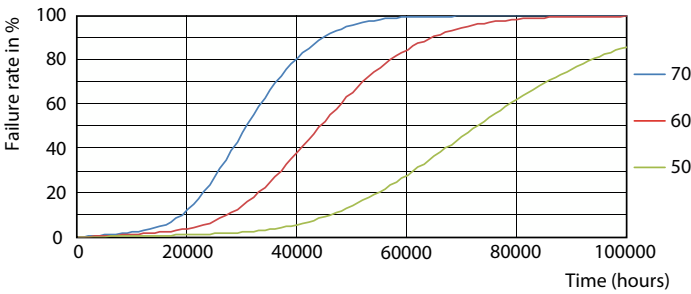
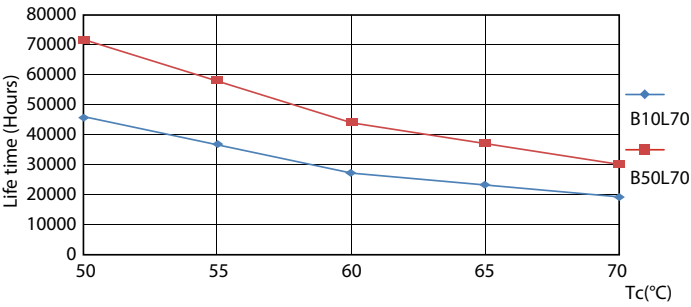


General uniform lighting - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1

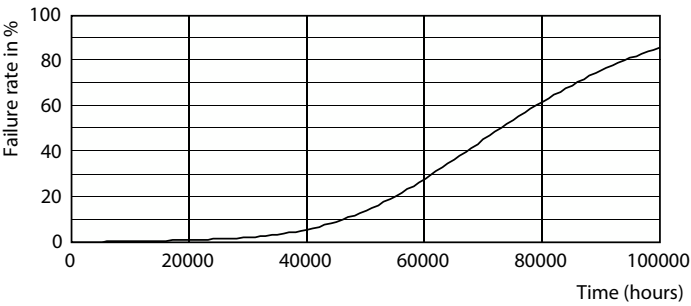


Light Distribution Diagram - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1

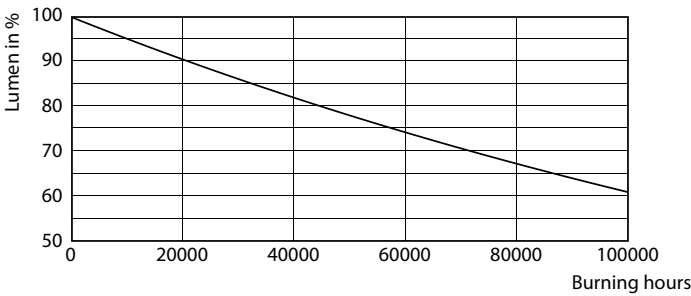
Lifetime



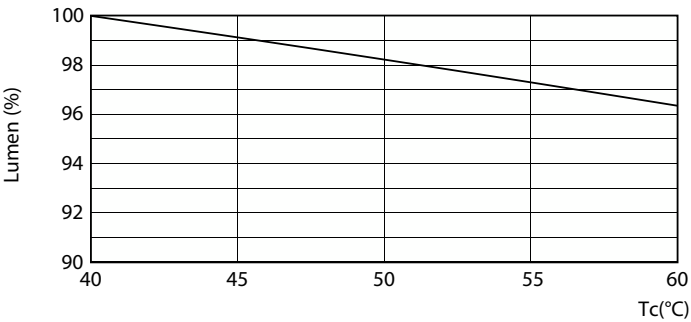
Life Expectancy Diagram - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1



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Life Expectancy Diagram - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1



Lumen Maintenance Diagram - 13.5T8PER/48-840/IF22/P/DIM CAN 10/1

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