



CorePro MainsFit (UL Type-B) T8

7T8/COR/18-5CCT/MF9/G 25/1

The CorePro MainsFit (UL Type B) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This ballast bypass lamp has everything needed built into the lamp with proven energy savings, long life (up to 50k hours), surge suppression and industry leading safety features. All lamps in the CorePro MainsFit family are double-ended to help simplify the installation. In addition, all lamps meet the Philips standards for light quality so that end users will be in a comfortable environment regardless of the CorePro MainsFit lamp type.

Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	3000K/3500K/4000K/5000K/6500K
Beam Angle (Nom)	220 degree(s)
Luminous Flux	900 lm
Color Designation	3000K/3500K/4000K/5000K/6500K
Correlated Color Temperature (Nom)	3000 3500 4000 5000 6500 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

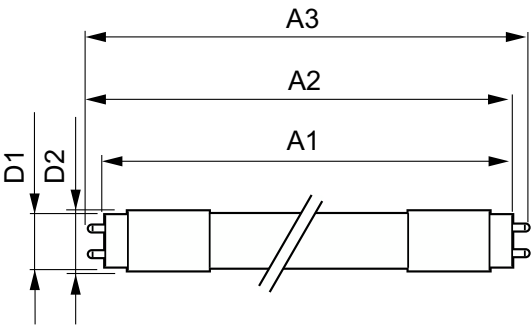
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	7 W
Lamp Current (Max)	60 mA
Lamp Current (Min)	28 mA
Wattage Equivalent	15 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	UL Type B
Temperature	
T-Case Maximum (Nom)	60 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	500 mm
Bulb Shape	T8
Net Weight (Piece)	0.090 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

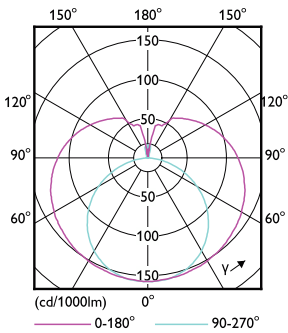
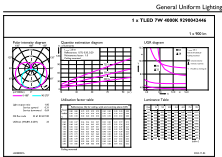
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	7T8/COR/18-5CCT/MF9/G 25/1
Full product name	7T8/COR/18-5CCT/MF9/G 25/1
Order code	929004244604
Material Nr. (12NC)	929004244604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677592752
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677592757

Dimensional drawing



Product	D1	D2	A1	A2	A3
7T8/COR/18-5CCT/MF9/G 25/1	25.7 mm	28 mm	436.2 mm	443.3 mm	450.4 mm

Photometric data

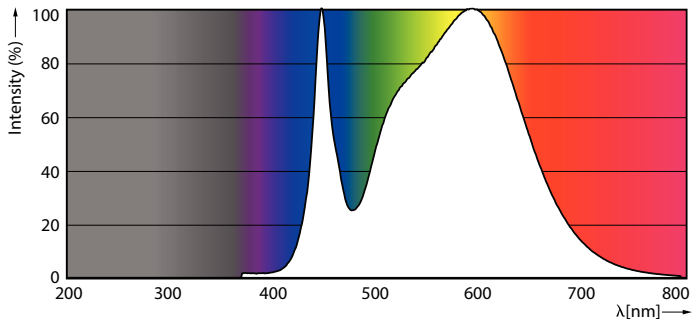


General uniform lighting - 7T8/COR/18-5CCT/MF9/G 25/1

Light Distribution Diagram - 7T8/COR/18-5CCT/MF9/G 25/1

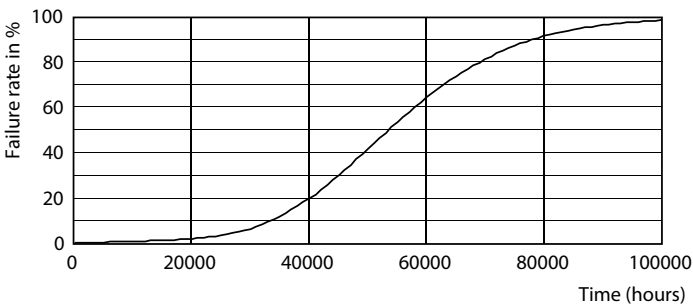
CorePro MainsFit (UL Type-B) T8

Photometric data

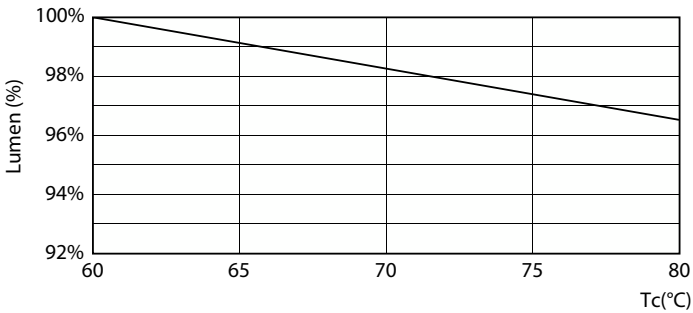


Spectral Power Distribution Colour - 7T8/COR/18-5CCT/MF9/G 25/1

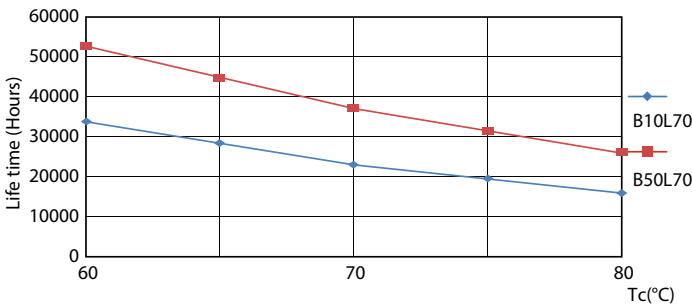
Lifetime



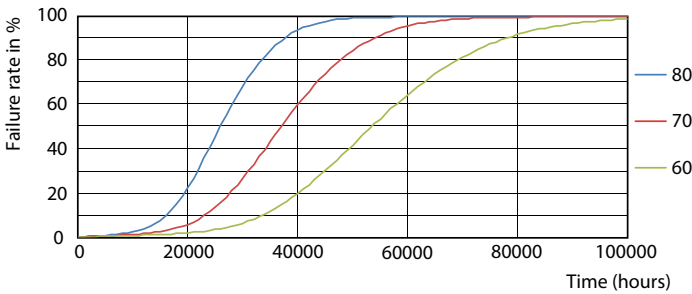
Life Expectancy Diagram



Lumen Maintenance Diagram - 7T8/COR/18-5CCT/MF9/G 25/1



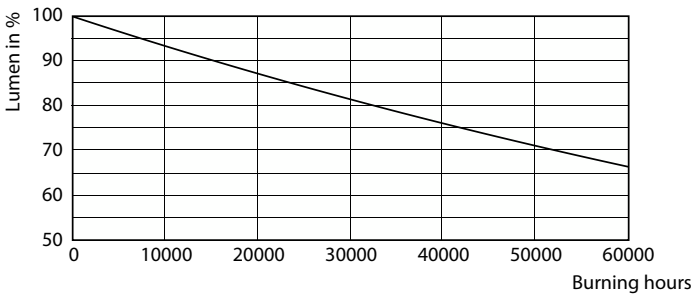
LifetimeVsTc



FailureRate

CorePro MainsFit (UL Type-B) T8

Lifetime



Lumen Maintenance Diagram - 7T8/COR/18-5CCT/MF9/G 25/1

