Lighting

PHILIPS

CorePro MainsFit (UL Type-B) T8

15.5T8-6U/COR/24-835/MF20/G 10/1

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	2G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	129.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82

LLMF At End Of Nominal Lifetime (Nom) 70 %

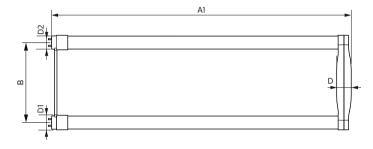
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	15.5 W
Lamp Current (Max)	140 mA
Lamp Current (Min)	63 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.9 s
Warm-up time to 60% light	0.9 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	UL Type B
Temperature	
Ambient temperature range	-20 ℃ to 45 ℃

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T-Case Maximum (Nom)	51 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Glass		
Product Length	600 mm		
Bulb Shape	Т8		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	UL certificate RoHS compliance DLC		
	compliance		
Energy Consumption kWh/1000 h	- kWh		

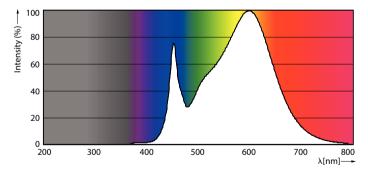
Energy Certifications	DLC Standard
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	15.5T8-6U/COR/24-835/MF20/G 10/1
Full product name	15.5T8-6U/COR/24-835/MF20/G 10/1
Order code	535542
Material Nr. (12NC)	929001934704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677535544
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677535549

Dimensional drawing



Product	D1	D2	В	A1	D
15.5T8-6U/COR/24-835/MF20/G 10/1	25.7 mm	28.1 mm	152 mm	570 mm	27.9 mm

Photometric data



Spectral Power Distribution Colour - 15.5T8-6U/COR/24-835/MF20/G 10/1

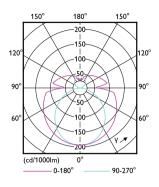
General Uniform Lightle
1 x 9290019347 3500K 15.5W
1 = 2000 km

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General uniform lighting - 15.5T8-6U/COR/24-835/MF20/G 10/1

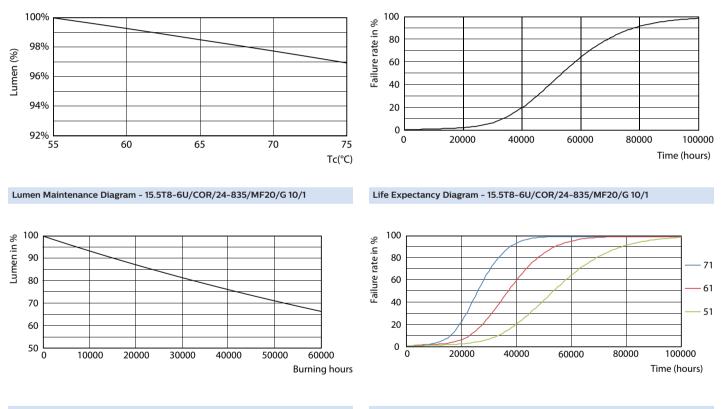
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Photometric data



Light Distribution Diagram - 15.5T8-6U/COR/24-835/MF20/G 10/1

Lifetime

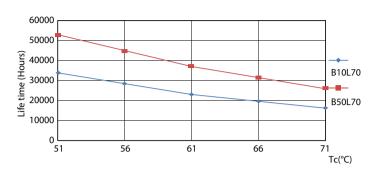


Lumen Maintenance Diagram - 15.5T8-6U/COR/24-835/MF20/G 10/1

Life Expectancy Diagram - 15.5T8-6U/COR/24-835/MF20/G 10/1

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Lifetime



Life Expectancy Diagram - 15.5T8-6U/COR/24-835/MF20/G 10/1



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