



CorePro MainsFit (UL Type-B) T8

33T8/COR/96-850/MF44/G/FA8 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		Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Switching Cycle	50,000	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	33 W
Cap-Base	FA8 [FA8]	Wattage Equivalent	96 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	850 [CCT of 5000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	240 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	4,400 lumen	Voltage (Nom)	120-277 V
Color Designation	Daylight	Temperature	
Correlated Color Temperature (Nom)	5000 K	Ambient temperature range	-20 °C to 45 °C
Luminous Efficacy (rated) (Nom)	133.00 lm/W	T-Case Maximum (Nom)	122 °F
Color Consistency	<5	Controls and Dimming	
Color rendering index (CRI)	80	Dimmable	Limited
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	94-1/2 inch
Bulb Shape	Tube, double-ended

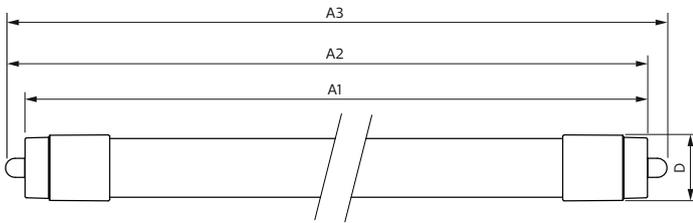
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

Product Data

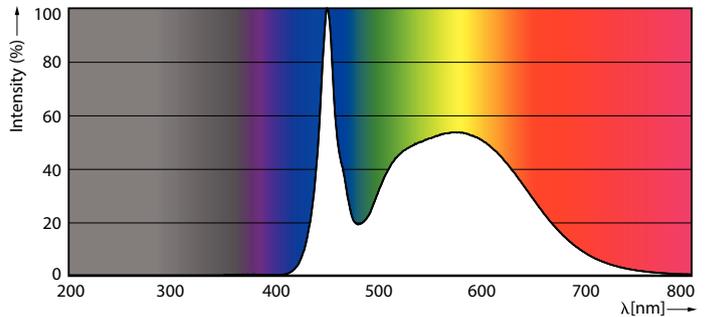
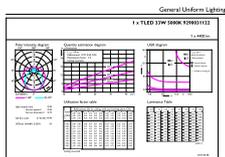
Order product name	33T8/COR/96-850/MF44/G/FA8 10/1
Order code	575738
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003112204
Full product name	33T8/COR/96-850/MF44/G/FA8 10/1
EAN/UPC - Case	50046677575736

Dimensional drawing



Product	D2	A1	A2	A3
33T8/COR/96-850/MF44/G/FA8 10/1	27.9 mm	2,369.8 mm	2,378.7 mm	2,387.8 mm

Photometric data

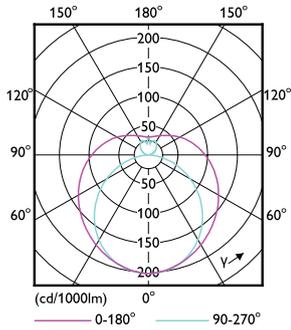


General uniform lighting - 33T8/COR/96-850/MF44/G/FA8 10/1

Spectral Power Distribution Colour - 33T8/COR/96-850/MF44/G/FA8 10/1

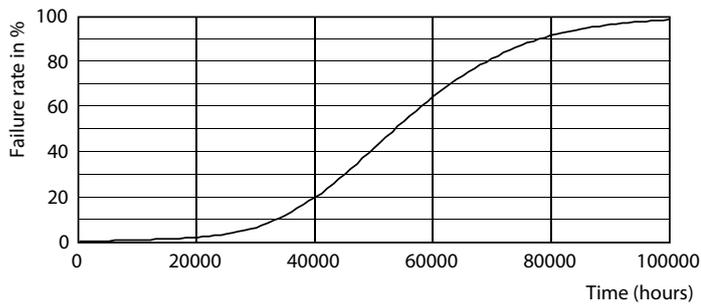
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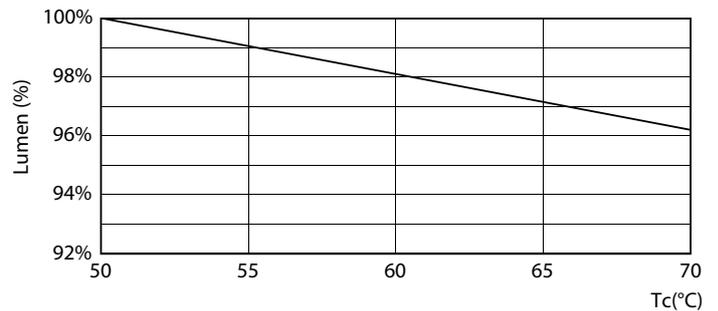


Light Distribution Diagram - 33T8/COR/96-850/MF44/G/FA8 10/1

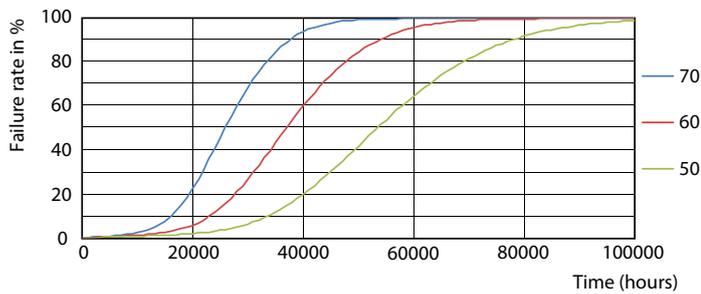
Lifetime



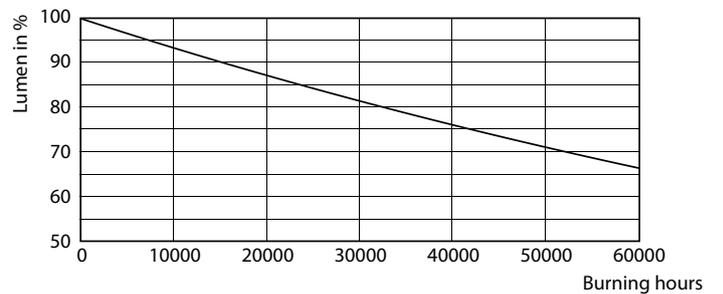
Life Expectancy Diagram - 33T8/COR/96-850/MF44/G/FA8 10/1



Lumen Maintenance Diagram - 33T8/COR/96-850/MF44/G/FA8 10/1



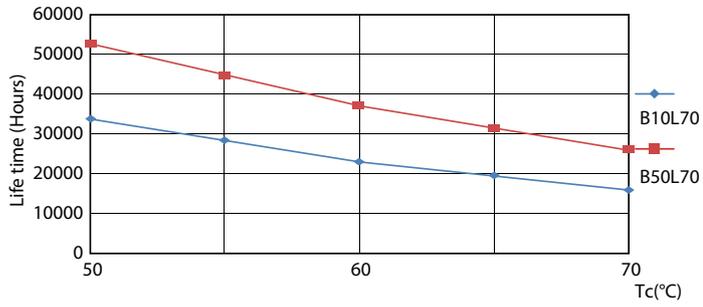
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Lumen Maintenance Diagram - 33T8/COR/96-850/MF44/G/FA8 10/1

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Lifetime



Life Expectancy Diagram - 33T8/COR/96-850/MF44/G/FA8 10/1

