



# CorePro MainsFit (UL Type-B) T8

## 11.5T8/COR/36-850/MF14/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		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	<b>Operating and Electrical</b>	
Nominal lifetime	50,000 hour(s)	Line Frequency	50 to 60 Hz
Switching Cycle	50,000	Input Frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	11.5 W
EU RoHS compliant	Yes	Wattage Equivalent	25 W
<b>Light Technical</b>		Starting Time (Nom)	0.9 s
Color Code	850 [CCT of 5000K]	Warm-up time to 60% light	0.9 s
Beam Angle (Nom)	180 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	1,400 lumen	Voltage (Nom)	120-277 V
Color Designation	Daylight	<b>Temperature</b>	
Correlated Color Temperature (Nom)	5000 K	Ambient temperature range	-20 °C to 45 °C
Luminous Efficacy (rated) (Nom)	121.00 lm/W	T-Case Maximum (Nom)	122 °F
Color Consistency	<5		
Color rendering index (CRI)	82		

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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	35-7/16 inch
Bulb Shape	Tube, double-ended

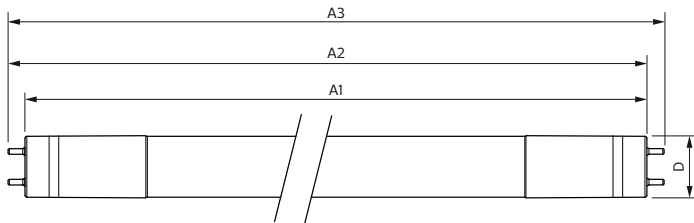
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh

Energy Certifications	DLC Standard
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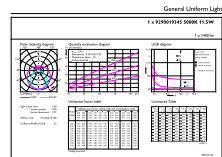
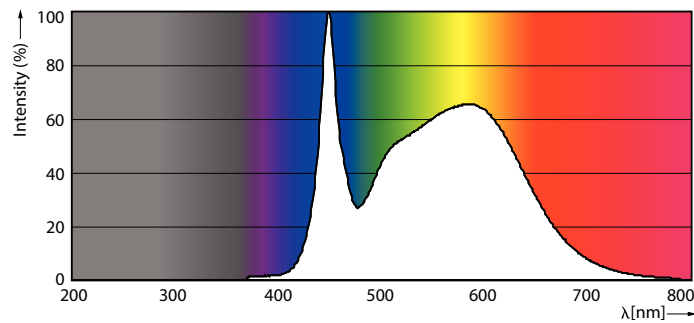
Product Data	
Order product name	11.5T8/COR/36-850/MF14/G 10/1
Order code	535526
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001934504
Full product name	11.5T8/COR/36-850/MF14/G 10/1
EAN/UPC - Case	50046677535525
EAN/UPC - Product/Case	046677535520

## Dimensional drawing



Product	D	A1	A2	A3
11.5T8/COR/36-850/MF14/G 10/1	1-1/16 inch	35-1/4 inch	35-1/2 inch	35-13/16 inch

## Photometric data

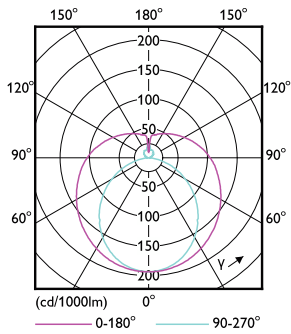


Spectral Power Distribution Colour - 11.5T8/COR/36-850/MF14/G 10/1

General uniform lighting - 11.5T8/COR/36-850/MF14/G 10/1

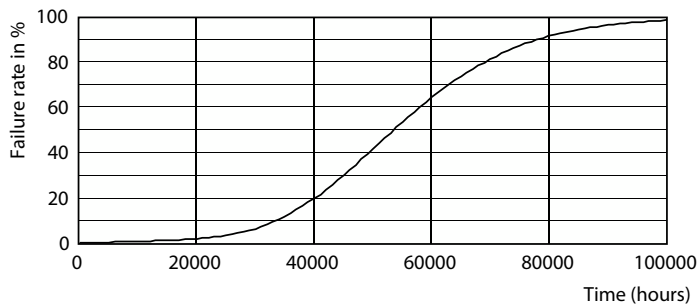
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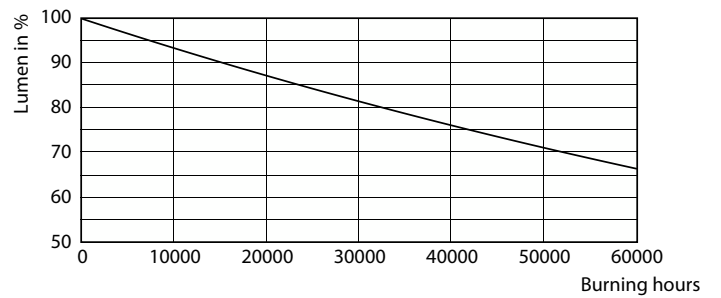


Light Distribution Diagram - 11.5T8/COR/36-850/MF14/G 10/1

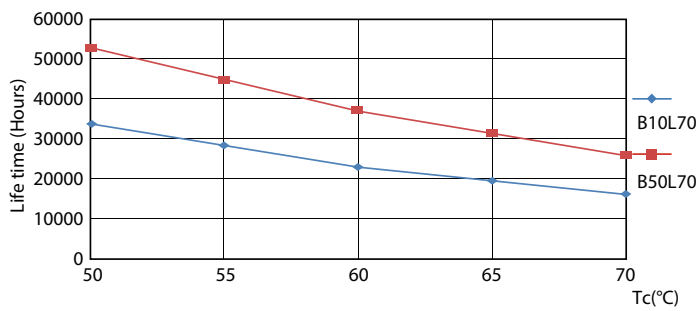
## Lifetime



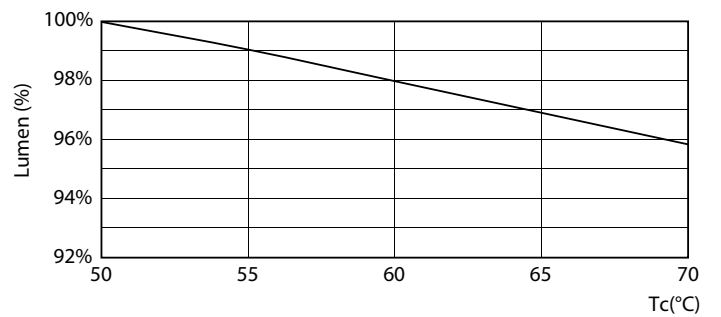
Life Expectancy Diagram - 11.5T8/COR/36-850/MF14/G 10/1



Lumen Maintenance Diagram - 11.5T8/COR/36-850/MF14/G 10/1



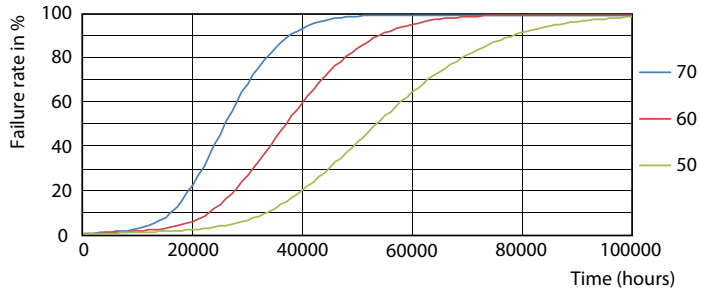
Life Expectancy Diagram - 11.5T8/COR/36-850/MF14/G 10/1



Lumen Maintenance Diagram - 11.5T8/COR/36-850/MF14/G 10/1

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## Lifetime



Life Expectancy Diagram - 11.5T8/COR/36-850/MF14/G 10/1

