



# CorePro MainsFit (UL Type-B) T8

## 11.5T8/COR/36-840/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

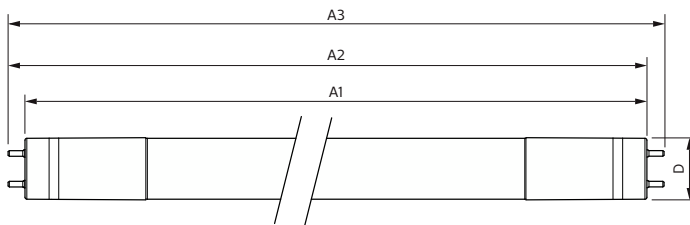
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	180 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	1,400 lumen	Power Consumption	11.5 W
Color Designation	Cool White (CW)	Wattage Equivalent	25 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.9 s
Luminous Efficacy (rated) (Nom)	121.00 lm/W	Warm-up time to 60% light	0.9 s
Color Consistency	<6	Power Factor (Fraction)	0.9
Color rendering index (CRI)	82	Voltage (Nom)	120-277 V
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		T-Case Maximum (Nom)	122 °F

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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

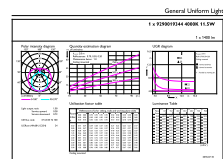
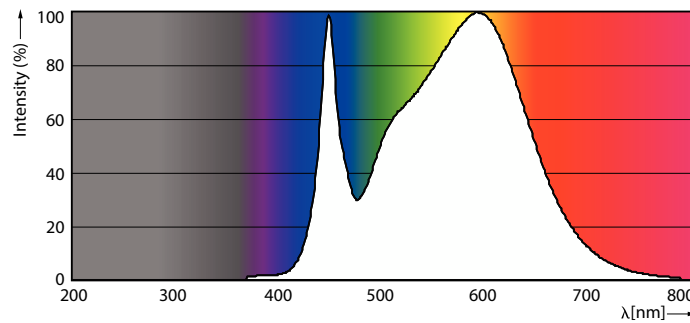
Energy Certifications	DLC Standard
Product Data	
Order product name	11.5T8/COR/36-840/MF14/G 10/1
Order code	535518
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001934404
Full product name	11.5T8/COR/36-840/MF14/G 10/1
EAN/UPC - Case	50046677535518
EAN/UPC - Product/Case	046677535513

## Dimensional drawing



Product	D	A1	A2	A3
11.5T8/COR/36-840/MF14/G 10/1	25.9 mm	894.3 mm	900.5 mm	908.8 mm

## Photometric data

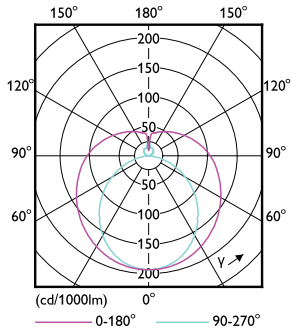


Spectral Power Distribution Colour - 11.5T8/COR/36-840/MF14/G 10/1

General uniform lighting - 11.5T8/COR/36-840/MF14/G 10/1

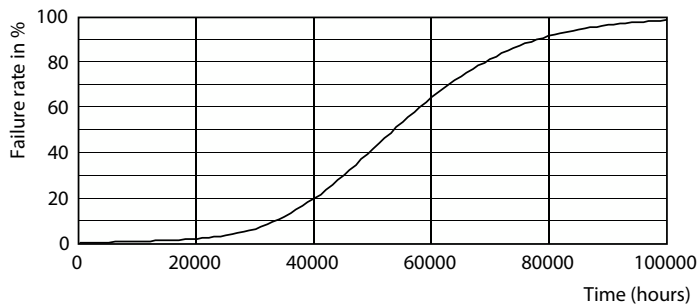
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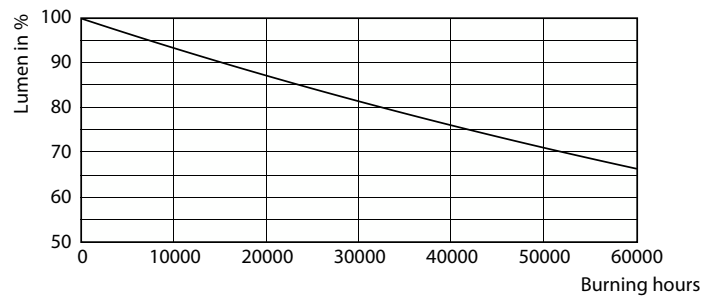


Light Distribution Diagram - 11.5T8/COR/36-840/MF14/G 10/1

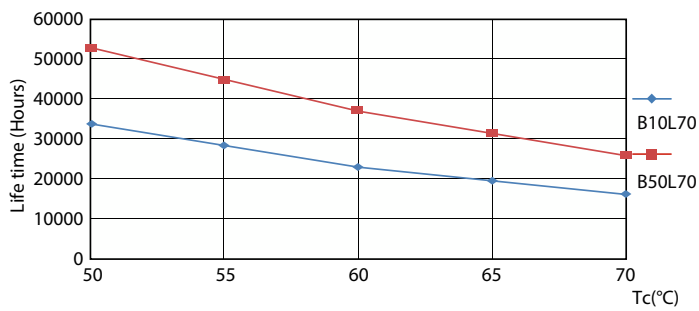
## Lifetime



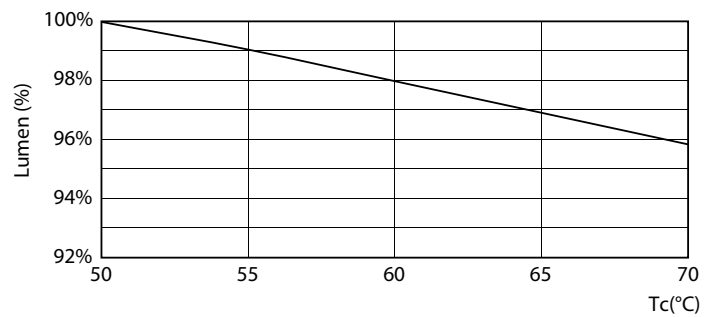
Life Expectancy Diagram - 11.5T8/COR/36-840/MF14/G 10/1



Lumen Maintenance Diagram - 11.5T8/COR/36-840/MF14/G 10/1



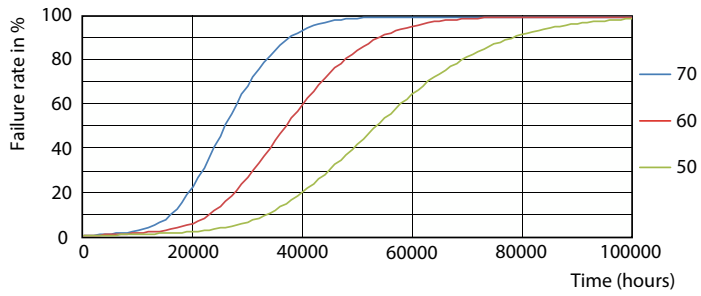
Life Expectancy Diagram - 11.5T8/COR/36-840/MF14/G 10/1



Lumen Maintenance Diagram - 11.5T8/COR/36-840/MF14/G 10/1

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## Lifetime



Life Expectancy Diagram - 11.5T8/COR/36-840/MF14/G 10/1

