



CorePro LEDtube MainsFit T8

16.5T8/COR/48-830/MF20/G 10/1

Philips CorePro MainsFit (UL Type-B) T8 LED lamps use a double-ended design which significantly simplifies installation, saving installation time and costs. This ballast bypass product replaces either T8 or T12 lamps in fixtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders for over 40% energy savings.

Product data

General Information		Lamp Current (Max)	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	154 mA
Nominal Lifetime (Nom)	50000 h	Lamp Current (Min)	55 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
B50L70	50000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		Power Factor (Nom)	0.9
Color Code	830 [CCT of 3000K]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 °	Temperature	
Initial lumen (Nom)	2000 lm	T-Ambient (Max)	45 °C
Luminous Flux (Rated) (Nom)	2000 lm	T-Ambient (Min)	-20 °C
Rated Beam Angle	240 °	T-Storage (Max)	65 °C
Correlated Color Temperature (Nom)	3000 K	T-Storage (Min)	-40 °C
Color Consistency	<6	T-Case Maximum (Nom)	70 °C
Color Rendering Index (Nom)	80	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	No
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Product Length	1200 mm
Power (Rated) (Nom)	16.5 W		

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Approval and Application

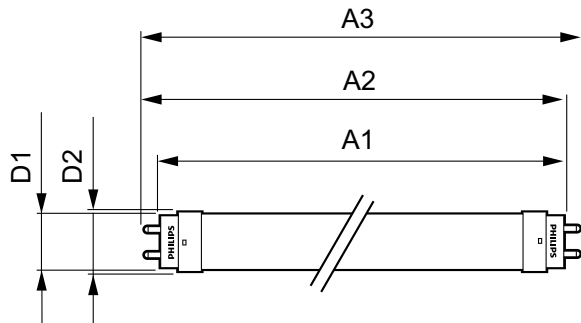
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

Product Data

Order product name	16.5T8/COR/48-830/MF20/G 10/1
EAN/UPC - Product	046677471743

Order code	471748
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001363164
Net Weight (Piece)	0.215 kg
Model Number	9290013631B

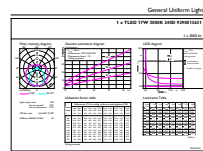
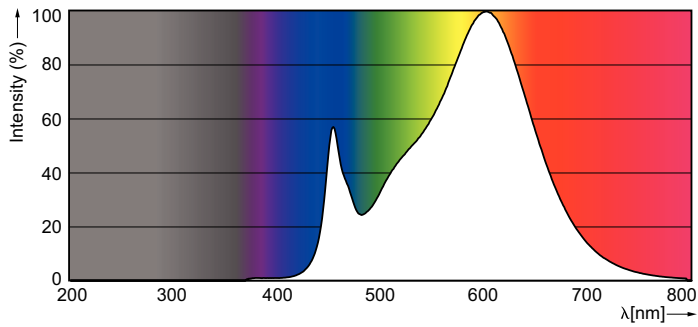
Dimensional drawing



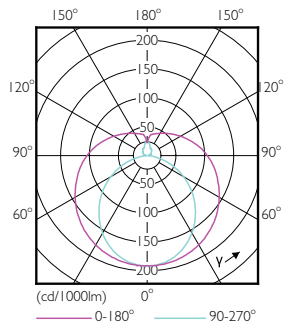
TLED IF CorePro 4ft 2000lm 3000K

Product	D1	D2	A1	A2	A3
16.5T8/COR/48-830/MF20/G 10/1	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm

Photometric data



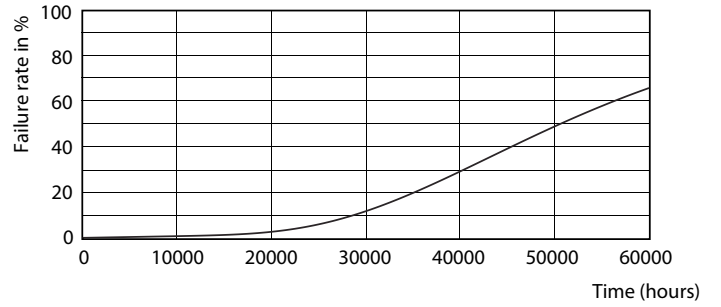
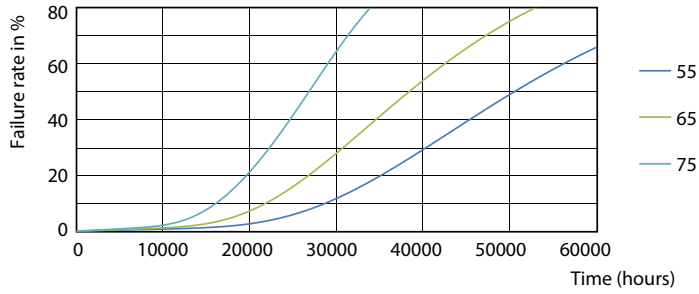
Mains DLC 120-277V 17W 2000lm 3000K ND



Mains DLC 17W 2000-2100lm 3000_5000K ND

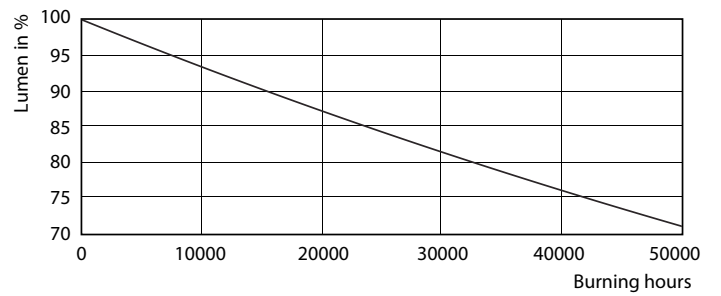
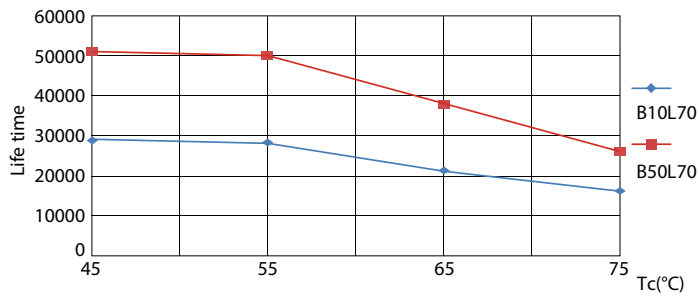
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Lifetime



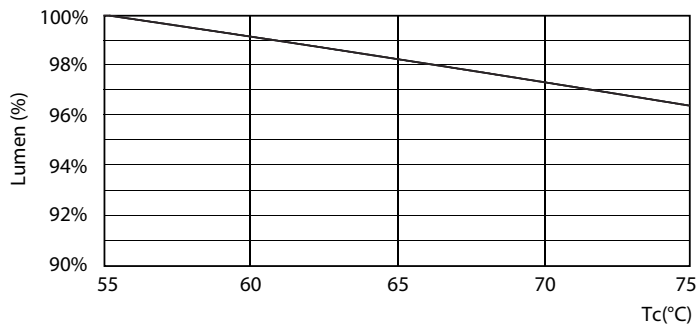
Mains DLC 17W 2000-2100lm 3000_5000K ND

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