



# CorePro LEDtube MainsFit T8

## 16.5T8/COR/48-835/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 (Min)	154 mA
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	55 mA
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	0.5 s
B50L70	50000 h	Power Factor (Nom)	0.9
Voltage (Nom)		120-277 V	
Light Technical		Temperature	
Color Code	835 [ CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	2000 lm	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	2000 lm	T-Storage (Min)	-40 °C
Rated Beam Angle	240 °	T-Case Maximum (Nom)	70 °C
Correlated Color Temperature (Nom)	3500 K	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	1200 mm
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Power (Rated) (Nom)	16.5 W		

# CorePro LEDtube MainsFit T8

## Approval and Application

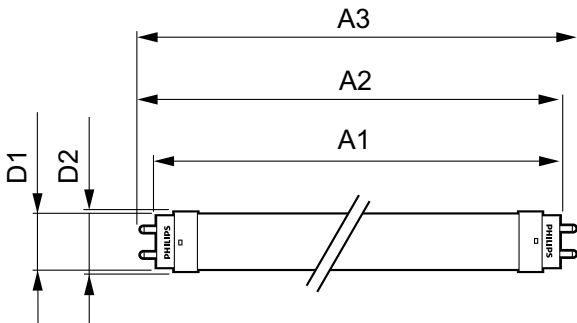
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

## Product Data

Order product name	16.5T8/COR/48-835/MF20/G 10/1
EAN/UPC - Product	046677471750

Order code	471755
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001363264
Net Weight (Piece)	0.215 kg
Model Number	9290013632B

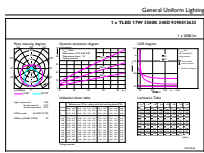
## Dimensional drawing



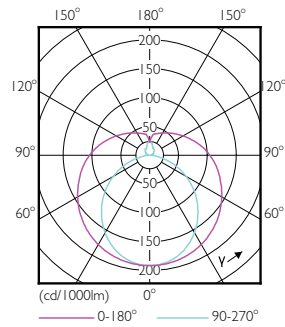
TLED IF CorePro 4ft 2000lm 3500K

Product	D1	D2	A1	A2	A3
16.5T8/COR/48-835/MF20/G 10/1	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm

## Photometric data

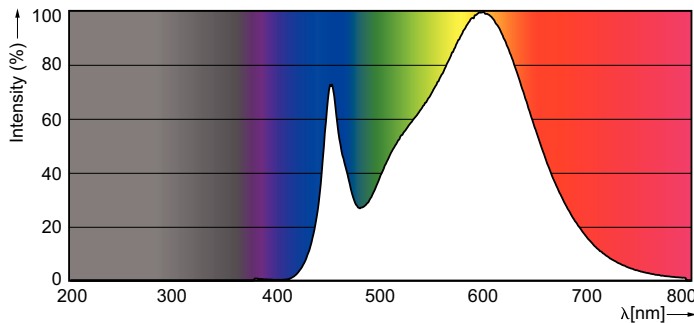


General Uniform Lighting



Mains DLC 120-277V 17W 2000lm 3500K ND

Mains DLC 17W 2000-2100lm 3000\_5000K ND

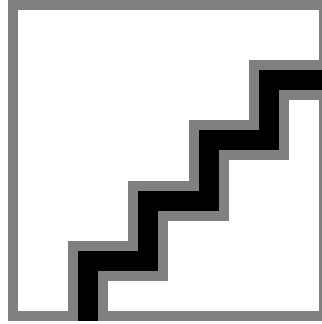


# CorePro LEDtube MainsFit T8

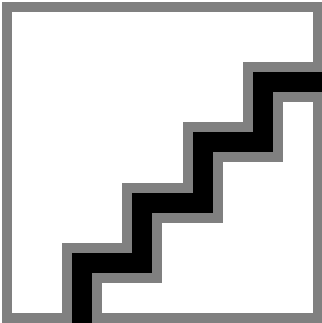
## Lifetime



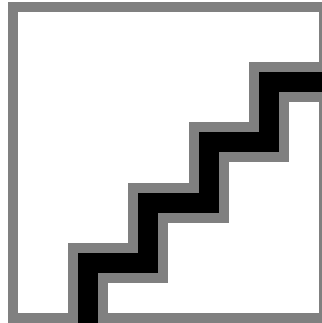
Mains DLC 17W 2000-2100lm 3000\_5000K ND



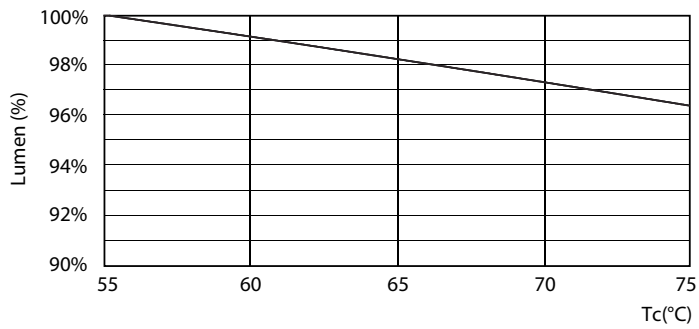
Mains DLC 17W 2000-2100lm 3000\_5000K ND



Mains DLC 17W 2000-2100lm 3000\_5000K ND



Mains DLC 17W 2000-2100lm 3000 5000K ND



Mains DLC 17W 2000-2100lm 3000 5000K ND

## CorePro LEDtube MainsFit T8

