



CorePro LEDtube MainsFit T8

16.5T8/COR/48-840/MF21/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	
Base	G13 [Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	16.5 W

Lamp Current (Max)	154 mA
Lamp Current (Min)	55 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

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Approval and Application

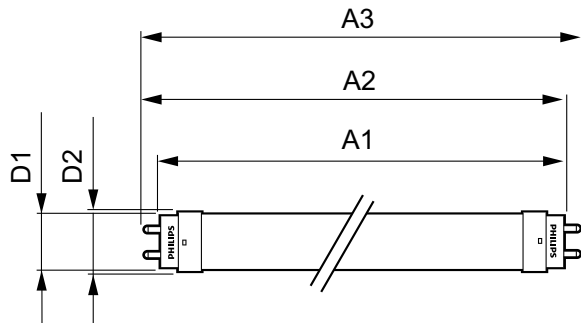
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

Product Data

Order product name	16.5T8/COR/48-840/MF21/G 10/1
EAN/UPC - Product	046677471767

Order code	471763
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001363364
Net Weight (Piece)	0.215 kg
Model Number	9290013633B

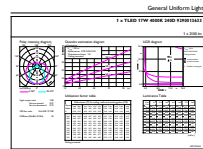
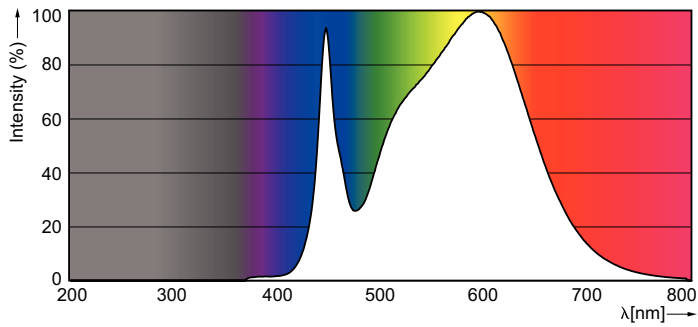
Dimensional drawing



TLED IF CorePro 4ft 2100lm 4000K

Product	D1	D2	A1	A2	A3
16.5T8/COR/48-840/MF21/G 10/1	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm

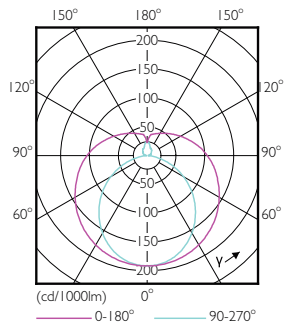
Photometric data



General Lighting Fixture

LEDtube 16.5 W, 840, G13, T8, UHO

Mains DLC 120-277V 17W 2100lm 4000K ND



Mains DLC 17W 2000-2100lm 3000_5000K ND

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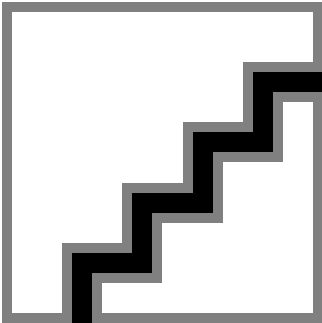
Lifetime



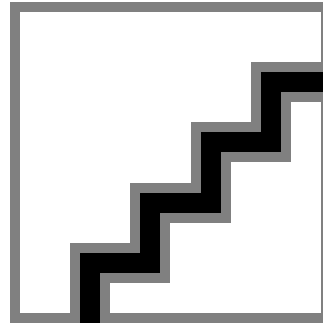
Mains DLC 17W 2000-2100lm 3000_5000K ND



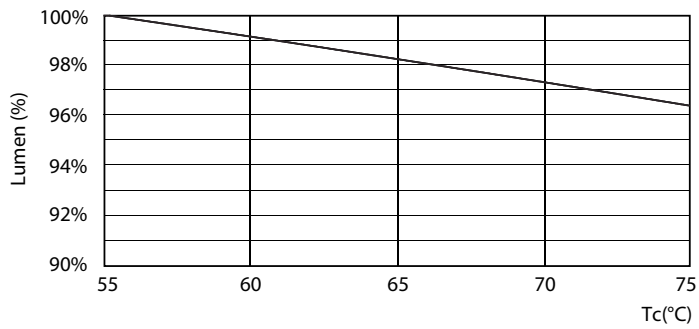
Mains DLC 17W 2000-2100lm 3000_5000K ND



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