



# CorePro LEDtube MainsFit T8

## 14T8/COR/48-840/MF18/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)	130 mA
Nominal Lifetime (Nom)	50000 h	Lamp Current (Min)	47 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	841 [ CCT of 4100K (841)]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 °	Temperature	
Initial lumen (Nom)	1800 lm	T-Ambient (Max)	45 °C
Luminous Flux (Rated) (Nom)	1800 lm	T-Ambient (Min)	-20 °C
Rated Beam Angle	240 °	T-Storage (Max)	65 °C
Correlated Color Temperature (Nom)	4000 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)	14 W		

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## Approval and Application

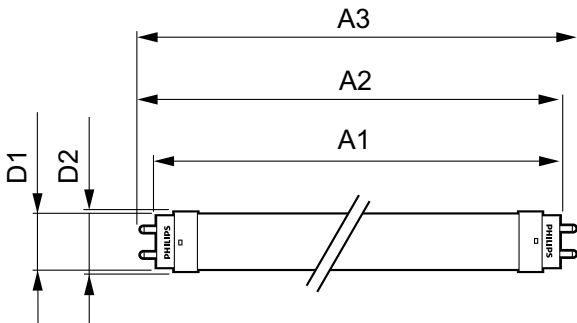
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

## Product Data

Order product name	14T8/COR/48-840/MF18/G 10/1
EAN/UPC - Product	046677477332

Order code	477331
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001845634
Net Weight (Piece)	0.220 kg
Model Number	9290018456A

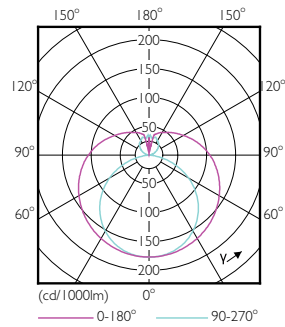
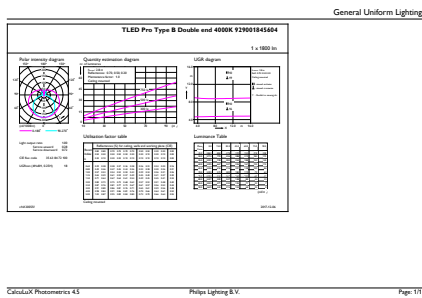
## Dimensional drawing



TLED IF CorePro 4ft 1800lm 4000K

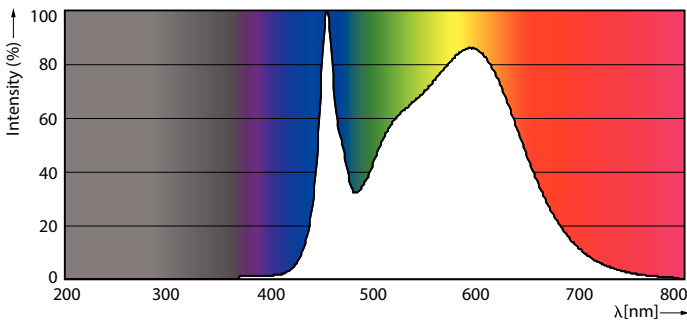
Product	D1	D2	A1	A2	A3
14T8/COR/48-840/MF18/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtube 14W G13 840 ND BB18

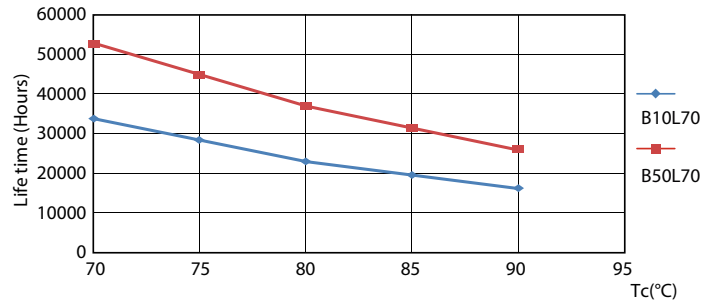
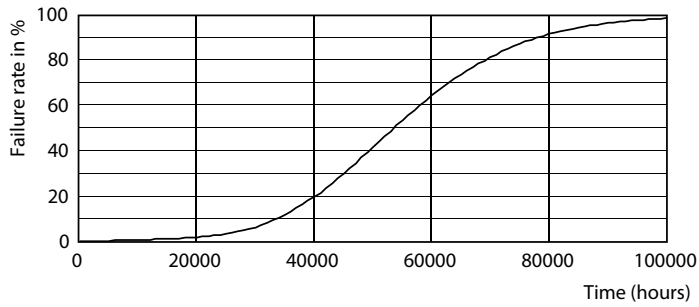
LEDtube 14W G13 830 ND BB17



LEDtube 14W G13 840 ND BB18

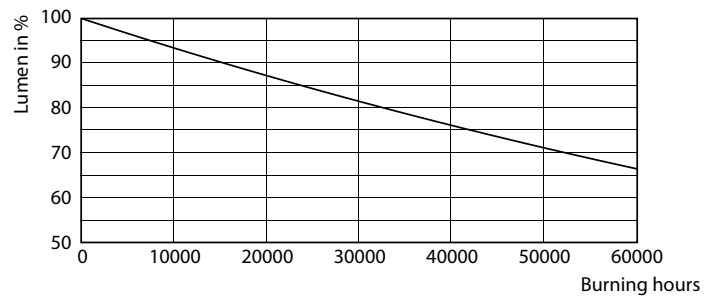
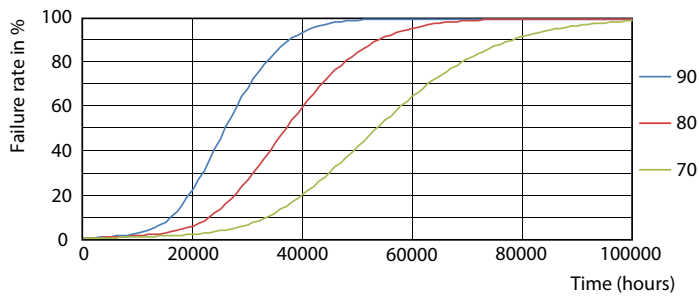
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## Lifetime



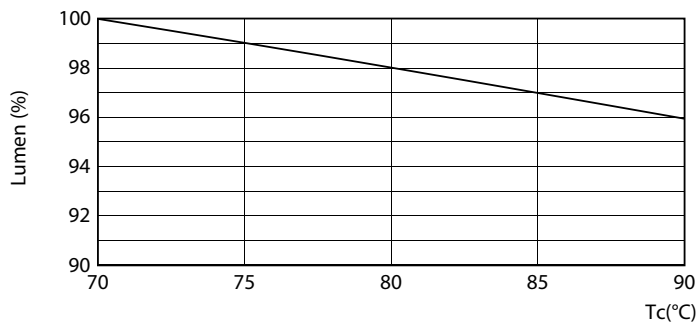
LEDtube 14W G13 830-850 ND BB17-18

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