



T8

44T8HO/COR/96-840/MF54/G/R17d 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information	
Base	R17D [R17d (RDC)]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	5400 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	44 W

Lamp Current (Max)	375 mA
Lamp Current (Min)	168 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type B - bypass the ballast
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)	55 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Product Length 96 in

Approval and Application

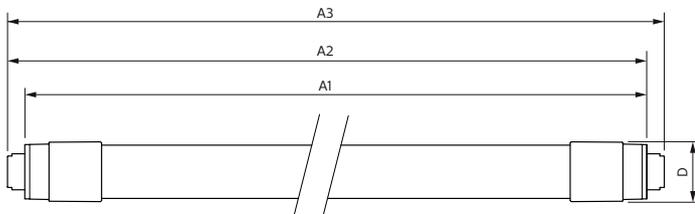
Energy Efficiency Label (EEL) Not applicable
 Energy Saving Product Yes
 Approbation Marks RoHS compliance UL certificate DLC compliance
 Energy Consumption kWh/1000 h - kWh

Product Data

Order product name 44T8HO/COR/96-840/MF54/G/R17d 10/1

EAN/UPC - Product 046677545284
 Order code 545285
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 10
 Material Nr. (12NC) 929002014204
 Net Weight (Piece) 0.740 kg
 Model Number 9290020142

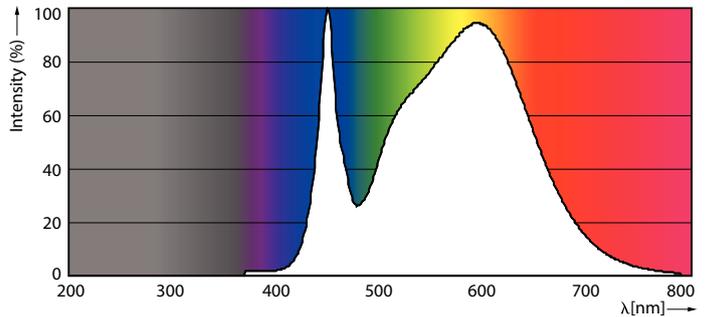
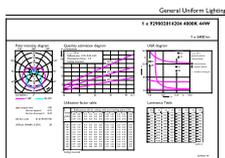
Dimensional drawing



Product	D1	D2	A1	A2	A3
44T8HO/COR/96-840/ MF54/G/R17d 10/1	28 mm	27.8 mm	2369.8 mm	2378.7 mm	2387.8 mm

TLED MF CorePro 8ft 5400lm R17d 4000K

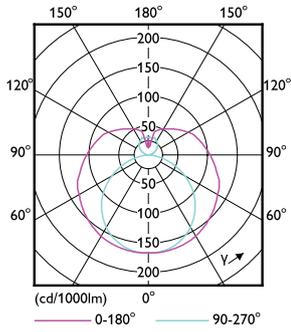
Photometric data



LEDtube R17D 4000K 240D

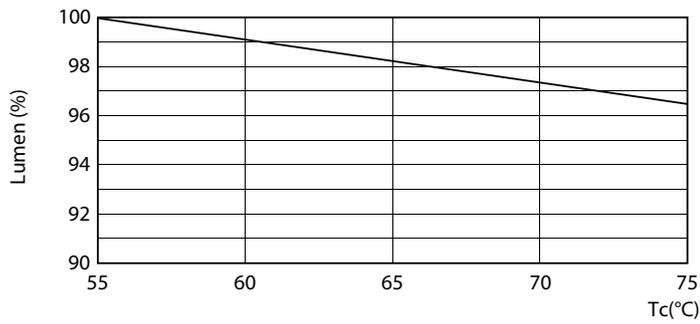
LEDtube FA8 4000K 240D

Photometric data

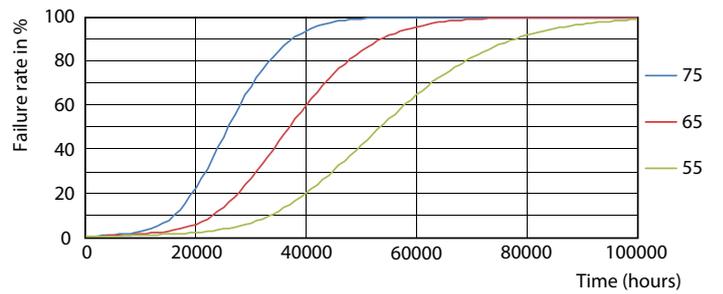


LEDtube FA8 4000K 240D

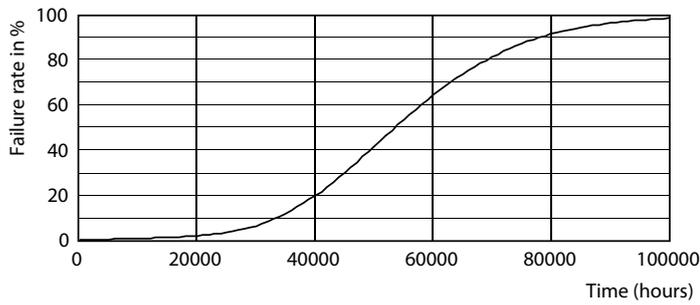
Lifetime



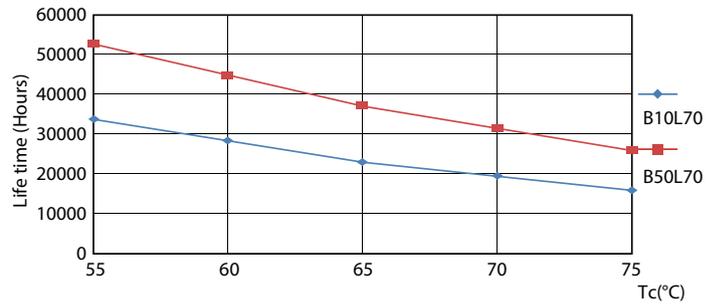
LEDtube R17D 4000K 240D LumenVsTc



LEDtube R17D 4000K 240D FailureRate



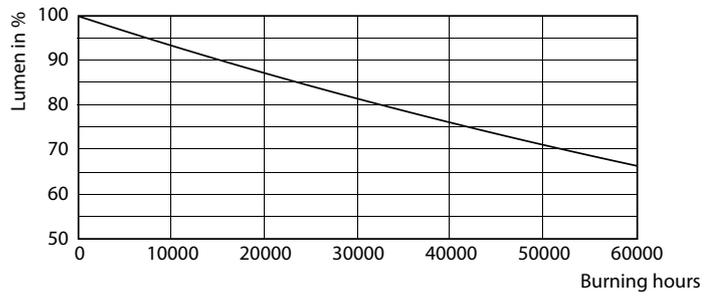
LEDtube FA8 4000K 240D



LEDtube R17D 4000K 240D LifetimeVsTc

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Lifetime



LEDtube FA8 4000K 240D

