



T8

44T8HO/COR/96-850/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		Input Frequency	
Cap-Base	R17D [R17d (RDC)]	Power Consumption	44 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	375 mA
Switching Cycle	50,000	Lamp Current (Min)	168 mA
Lighting Technology	LED	Wattage Equivalent	96 W
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	850 [CCT of 5000K]	Power Factor (Fraction)	0.9
Beam Angle (Nom)	240 degree(s)	Voltage (Nom)	120-277 V
Luminous Flux	5,400 lm	UL Type	Type B - bypass the ballast
Color Designation	Daylight	Temperature	
Correlated Color Temperature (Nom)	5000 K	Ambient temperature range	-20 °C to 45 °C
Luminous Efficacy (rated) (Nom)	122.00 lm/W	T-Case Maximum (Nom)	55 °C
Color Consistency	<5	Controls and Dimming	
Color rendering index (CRI)	82	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Bulb Finish	Frosted
Line Frequency	50 to 60 Hz		

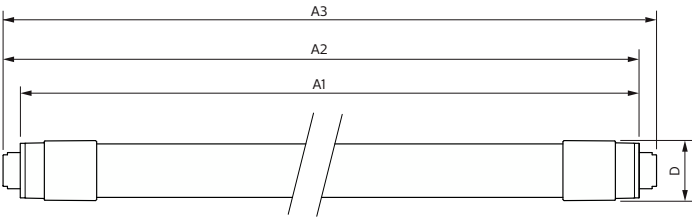
Bulb Material	Glass
Product Length	2,400 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	44T8HO/COR/96-850/MF54/G/R17d 10/1
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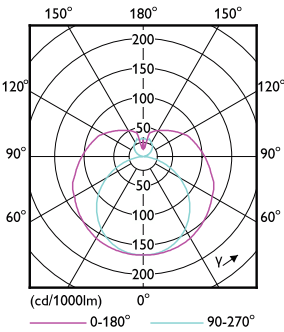
Full product name	44T8HO/COR/96-850/MF54/G/R17d 10/1
Order code	545293
Material Nr. (12NC)	929002014304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677545291
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677545296

Dimensional drawing

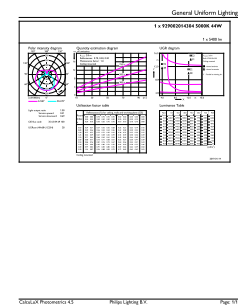


Product	D1	D2	A1	A2	A3
44T8HO/COR/96-850/ MF54/G/R17d 10/1	28 mm	27.8 mm	2,369.8 mm	2,378.7 mm	2,387.8 mm

Photometric data

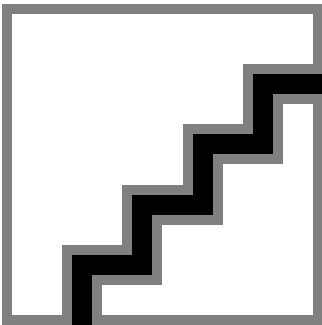


Light Distribution Diagram - 44T8HO/COR/96-850/MF54/G/R17d 10/1



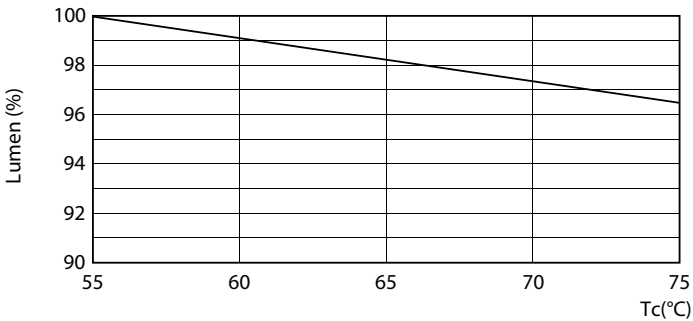
General uniform lighting - 44T8HO/COR/96-850/MF54/G/R17d 10/1

Photometric data

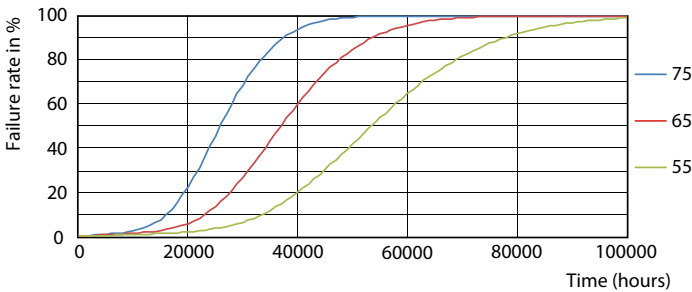


Spectral Power Distribution Colour - 44T8HO/COR/96-850/MF54/G/R17d 10/1

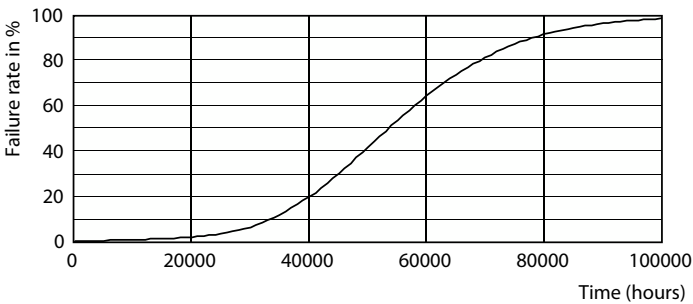
Lifetime



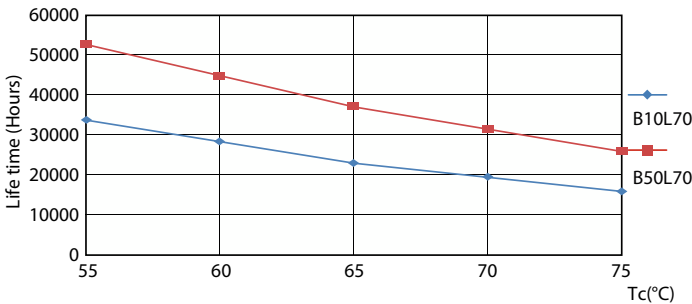
Lumen Maintenance Diagram - 44T8HO/COR/96-850/MF54/G/R17d 10/1



Life Expectancy Diagram - 44T8HO/COR/96-850/MF54/G/R17d 10/1



Life Expectancy Diagram - 44T8HO/COR/96-850/MF54/G/R17d 10/1



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Lifetime



Lumen Maintenance Diagram - 44T8HO/COR/96-850/MF54/G/R17d 10/1

