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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

Cap-Base	R17D [R17d (RDC)]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	5,400 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	122.00 lm/W
Color Consistency	<5
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	44 W
Lamp Current (Max)	375 mA
Lamp Current (Min)	168 mA
Wattage Equivalent	96 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted

data subject to change

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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

Full product name	44T8HO/COR/96-850/MF54/G/R17d 10/1
Order code	929002014304
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

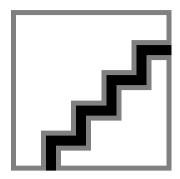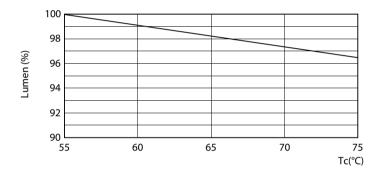Light Distribution Diagram – 44T8HO/COR/96-850/MF54/G/R17d 10/1

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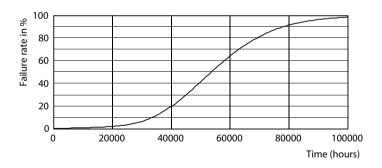
Photometric data

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

Lifetime

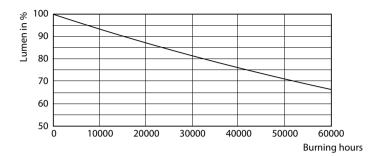**Lumen Maintenance Diagram – 44T8HO/COR/96-850/MF54/G/R17d 10/1**

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

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

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

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