

LINEAR T8 4FT TUBE ETH SERIES

Product Description

Etherium's LED Linear T8 4ft lamps is a reliable choice for retrofitting traditional T8 or T12 fluorescent system, maximizes energy saving with high efficacy performance. Our triple play technology is compatible with or without the ballast and both single and double ended power to fit shunted or un-shunted sockets.



| FEATURES |
|--|
| 4ft T8 |
| 12W / 15W / 18W |
| 4000K / 5000K |
| DLC, ETL TYPE A + B |
| Single or Double Ended |
| PC + Aluminum |
| Efficacy up to 150LPW |
| Operating Temperature -20°C to 40°C |

Construction & Installation

ETH 4ft T8 lamps is composed of a shatter resistant poly-carbonate lens backed by a high gauge aluminum housing. Our internal drivers are compatible with most ballasts or can be direct wired, by-passing the ballast. Works with shunted or non-shunted sockets for easy installation.

Electrical & Operations

Luminaire is universal voltage (120-277V) Capable of step dimming with certain ballasts. Can operate in temperatures -20°C to 40°C. Fixture utilizes top of the line high-efficacy LED packages that maintain maximum light with minimal heat saving money while extending the lifespan.

Applications

A wide variety of utility applications including retail shops, schools, hospitals, offices buildings and various commercial applications.

Certification

ETL Listed. All components have ETL certification. RoHS listed.

Warranty

5 year warranty with a 50,000 hour rated L70. See warranty documentation for more detail information



ORDERING INFORMATION

Example: ETH-T8-4F-12-5000K

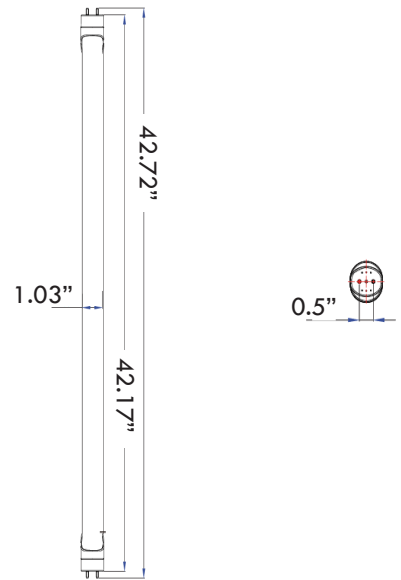
| Nomenclature | Tube Diameter | Form Factor | Wattage | Color Temp |
|----------------|---------------|-------------|----------------------------------|--------------------------------|
| ETH | T8 | 4F | 12 | 5000K |
| ETH = Etherium | T8 = 1" | 4F = 4FT | 12 = 12W 15 = 15W 18 = 18W | 4000K = 4000K 5000K = 5000K |

Specifications and Dimensions subject to change without notice

| SPECIFICATION | |
|---------------------|-----------------------|
| PERFORMANCE SUMMARY | |
| Input Voltage | 120-277V |
| Input Frequency | 50/60 Hz |
| Wattage | See Performance table |
| Lumens | See Performance Table |
| Efficacy | >155LPW |
| CRI | 80+ |
| CCT | 4000K / 5000K |
| Beam Angle | 120 Degree |
| Rated Life | 50,000 Hr |
| L70 | >50,000 Hr |
| Power Factor | >0.9 |
| THD | <15% |
| ETL | Type A + B |
| Operating Temp. | -20°C to 40°C |

DIMENSIONS

4ft



| CARTON DIMENSIONS AND WEIGHT | | | |
|------------------------------|---------------|--------|---------|
| Model | Carton | Weight | PCS/BOX |
| 4ft | 49" x 8" x 8" | 18 LBS | 25pcs |

| PERFORMANCE DETAILS | | | | 4000K | | 5000K | |
|---------------------|--------------|---------------|----------------|--------------|--------------|--------------|--------------|
| Form Factor | Catalog No. | Rated Wattage | Tested Wattage | Total Lumens | Efficacy LPW | Total Lumens | Efficacy LPW |
| 4ft | ETH-T8-4F-12 | 12W | 12.2W | 1880 lm | 152 | 1886 lm | 154.3 |
| 4ft | ETH-T8-4F-15 | 15W | 15.3W | 2349 lm | 152.6 | 2375 lm | 153.4 |
| 4ft | ETH-T8-4F-18 | 18W | 18.4W | 2815 lm | 152.9 | 2855 lm | 155 |

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