



# FlexFit (Hybrid UL Type A + B) T8

12T8/COR/48-5CCT/FF18/G/DIM 25/1

CorePro, LEDtube, T8, 47-1/4 inch, 12, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 1700 lm, 1700 lm, 1800 lm, 1800 lm, 1800 lm, 50000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 12, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 1700 lm, 1700 lm, 1800 lm, 1800 lm, 1800 lm, 50000 hour(s), 144 lm/W, G13, Glass

## Product data

| General Information                   |                                  |
|---------------------------------------|----------------------------------|
| Cap-Base                              | G13                              |
| Nominal lifetime                      | 50,000 hour(s)                   |
| Switching Cycle                       | 50,000                           |
| Lighting Technology                   | LEDtube                          |
| Light Technical                       |                                  |
| Color Code                            | 3000K/3500K/4000K/5000K/6500K    |
| Beam Angle (Nom)                      | 220 degree(s)                    |
| Luminous Flux                         | 1,700 1,700 1,800 1,800 1,800 lm |
| Color Designation                     | 3000K/3500K/4000K/5000K/6500K    |
| Correlated Color Temperature (Nom)    | 3000 3500 4000 5000 6500 K       |
| Luminous Efficacy (rated) (Nom)       | 144 lm/W                         |
| Color Consistency                     | <6                               |
| Color rendering index (CRI)           | 80                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             |

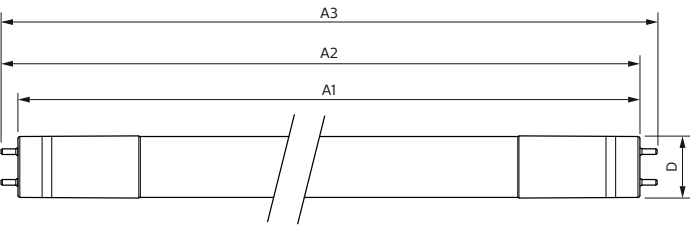
| Operating and Electrical  |             |
|---------------------------|-------------|
| Input Frequency           | 50 to 60 Hz |
| Power Consumption         | 12          |
| Lamp Current (Max)        | 115 mA      |
| Lamp Current (Min)        | 50 mA       |
| Wattage Equivalent        | 32 W        |
| 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                   | UL Type A+B |
| Temperature               |             |
| T-Case Maximum (Nom)      | 131 °F      |

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|                           |                                               |
|---------------------------|-----------------------------------------------|
| Controls and Dimming      |                                               |
| Dimmable                  | Only with specific dimmers                    |
| Mechanical and Housing    |                                               |
| Bulb Finish               | Frosted                                       |
| Bulb Material             | Glass                                         |
| Product Length            | 47-1/4 inch                                   |
| Bulb Shape                | T8                                            |
| Net Weight (Piece)        | 0.5 lb                                        |
| Approval and Application  |                                               |
| Energy Saving Product     | Yes                                           |
| Approval Marks            | RoHS compliance UL certificate DLC compliance |
| EU RoHS compliant         | Yes                                           |
| Ambient temperature range | -4 to +113 °F                                 |

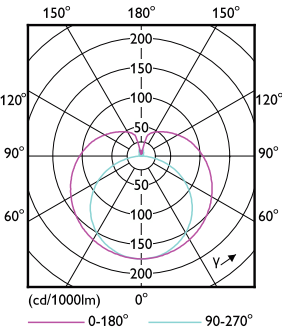
|                                     |                                  |
|-------------------------------------|----------------------------------|
| Application Conditions              |                                  |
| can it be used in closed luminaires | Yes                              |
| Wireless Technology                 | Not applicable                   |
| Product Data                        |                                  |
| Order product name                  | 12T8/COR/48-5CCT/FF18/G/DIM 25/1 |
| Full product name                   | 12T8/COR/48-5CCT/FF18/G/DIM 25/1 |
| Order code                          | 588640                           |
| Material Nr. (12NC)                 | 929003794704                     |
| Numerator - Quantity Per Pack       | 1                                |
| EAN/UPC - Product/Case              | 046677588649                     |
| Numerator - Packs per outer box     | 25                               |
| EAN/UPC - Case                      | 50046677588644                   |

Dimensional drawing

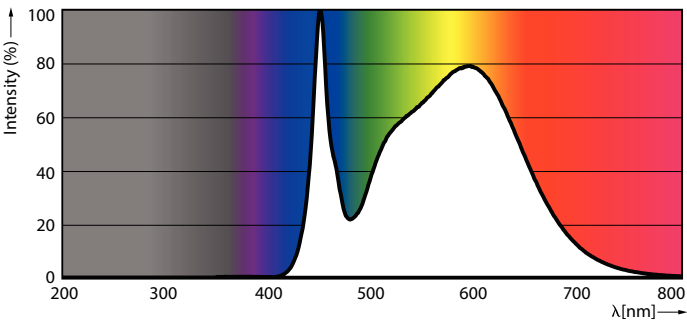


| Product                              | D1          | D2         | A1           | A2          | A3          |
|--------------------------------------|-------------|------------|--------------|-------------|-------------|
| 12T8/COR/48-5CCT/<br>FF18/G/DIM 25/1 | 1-1/16 inch | 1-1/8 inch | 47-3/16 inch | 47-1/2 inch | 47-3/4 inch |

Photometric data



Light Distribution Diagram - 12T8/COR/48-5CCT/FF18/G/DIM 25/1

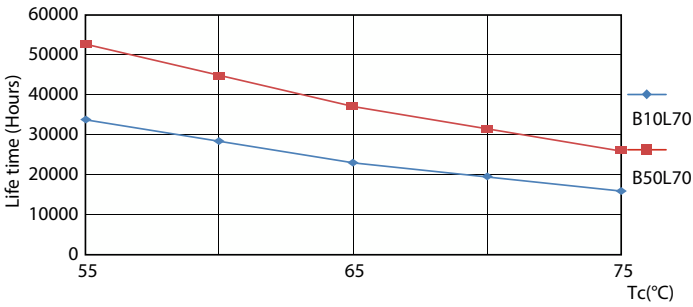


Spectral Power Distribution Colour - 12T8/COR/48-5CCT/FF18/G/DIM 25/1



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Lifetime



LifetimeVsTc

