



# T8

## 11T8/COR/48-840/MF16/G/BAA 25/1

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           |                    |
|---------------------------------------|---------------------------------|---------------------------|--------------------|
| Lighting Technology                   | LED                             | Input Frequency           | 50 to 60 Hz        |
| Switching Cycle                       | 50,000                          | Power Consumption         | 11 W               |
| Buy American Compliant Products       | Yes                             | Starting Time (Nom)       | 0.9 s              |
| Nominal lifetime                      | 50,000 hour(s)                  | Warm-up time to 60% light | 0.9 s              |
| Cap-Base                              | G13 [Medium Bi-Pin Fluorescent] | Power Factor (Fraction)   | 0.9                |
|                                       |                                 | Voltage (Nom)             | 120-277 V          |
| Light Technical                       |                                 | Temperature               |                    |
| Color Code                            | 840 [CCT of 4000K]              | Ambient temperature range | -20 °C to 45 °C    |
| Beam Angle (Nom)                      | 240 degree(s)                   | T-Case Maximum (Nom)      | 70 °C              |
| Luminous Flux                         | 1,700 lumen                     |                           |                    |
| Color Designation                     | Cool White (CW)                 | Controls and Dimming      |                    |
| Correlated Color Temperature (Nom)    | 4000 K                          | Dimmable                  | No                 |
| Luminous Efficacy (rated) (Nom)       | 154.00 lm/W                     |                           |                    |
| Color Consistency                     | <6                              | Mechanical and Housing    |                    |
| Color rendering index (CRI)           | 80                              | Bulb Finish               | Frosted            |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            | Bulb Material             | Glass              |
|                                       |                                 | Product Length            | 1,200 mm           |
| Operating and Electrical              |                                 | Bulb Shape                | Tube, double-ended |
| Line Frequency                        | 50 to 60 Hz                     |                           |                    |

# T8

## Approval and Application

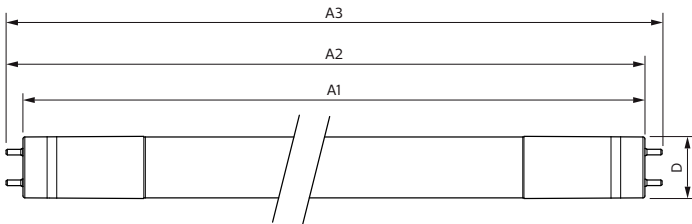
|                               |   |
|-------------------------------|---|
| Energy Saving Product         | Yes   |
| Approval Marks                | RoHS compliance UL certificate DLC compliance |
| Energy Consumption kWh/1000 h | - kWh   |
| EU RoHS compliant             | Yes   |

## Product Data

|                    |                                 |
|--------------------|---------------------------------|
| Order product name | 11T8/COR/48-840/MF16/G/BAA 25/1 |
|--------------------|---------------------------------|

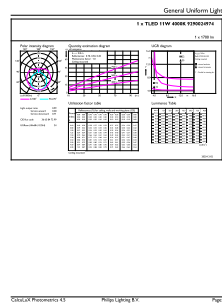
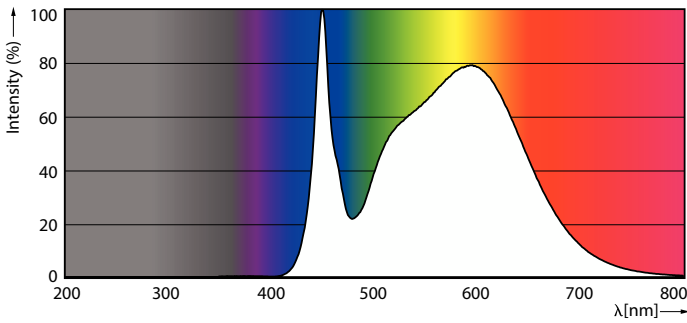
|                                 |                                 |
|---------------------------------|---------------------------------|
| Order code                      | 929002497404                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 25                              |
| Material number (12NC)          | 929002497404                    |
| Full product name               | 11T8/COR/48-840/MF16/G/BAA 25/1 |
| EAN/UPC - Case                  | 50046677563702                  |

## Dimensional drawing



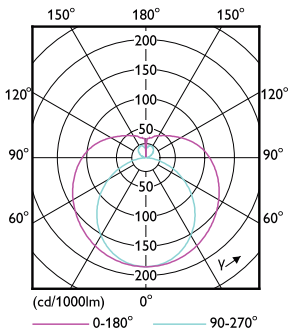
| Product                         | D1      | D2    | A1         | A2         | A3         |
|---------------------------------|---------|-------|------------|------------|------------|
| 11T8/COR/48-840/MF16/G/BAA 25/1 | 25.7 mm | 28 mm | 1,198.2 mm | 1,205.3 mm | 1,212.4 mm |

## Photometric data



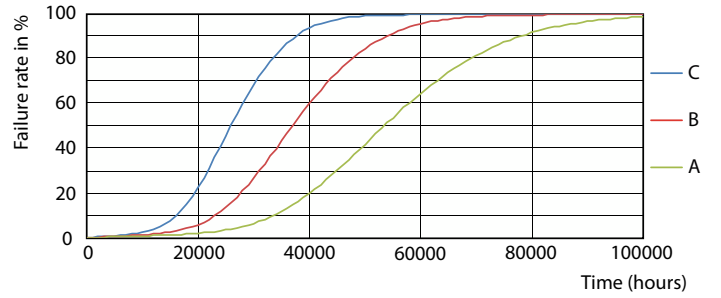
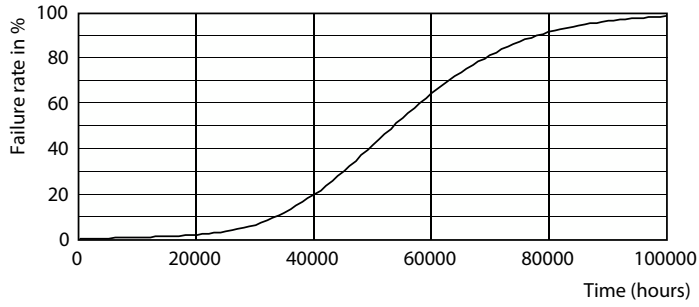
Spectral Power Distribution Colour - 11T8/COR/48-840/MF16/G/BAA 25/1

General uniform lighting - 11T8/COR/48-840/MF16/G/BAA 25/1



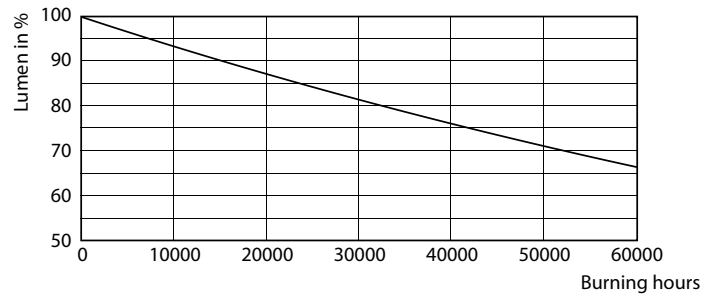
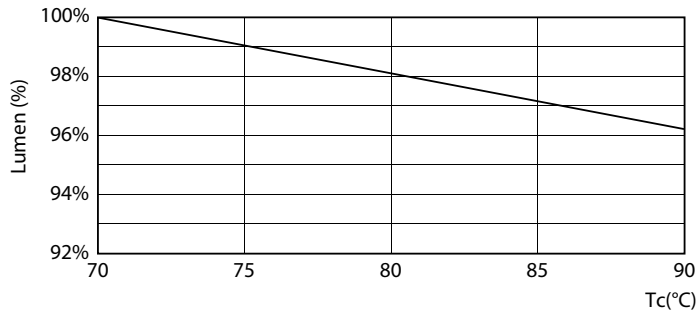
Light Distribution Diagram - 11T8/COR/48-840/MF16/G/BAA 25/1

Lifetime



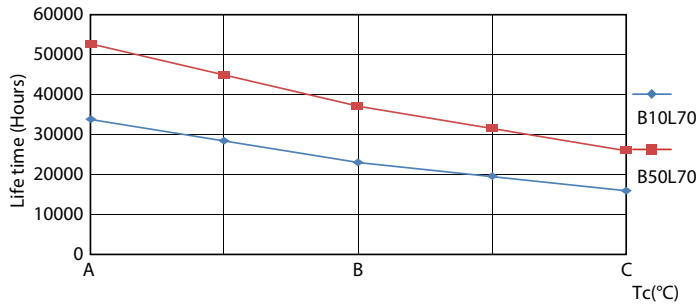
Life Expectancy Diagram - 11T8/COR/48-840/MF16/G/BAA 25/1

Life Expectancy Diagram



Lumen Maintenance Diagram - 11T8/COR/48-840/MF16/G/BAA 25/1

Lumen Maintenance Diagram - 11T8/COR/48-840/MF16/G/BAA 25/1



Life Expectancy Diagram

