



# Contractor-grade InstantFit (UL Type-A) T8

16T8/LED/48-840/IF18/G 25/1

Contractor grade, LEDtube, T8, 47-1/4 inch, 16 W, 4000 K, 1800 lm, 36000 hour(s)

Contractor grade, LEDtube, T8, 47-1/4 inch, 16 W, 4000 K, 1800 lm, 36000 hour(s), 112.00 lm/W, G13, Glass

## Product data

| General Information                |                    |
|------------------------------------|--------------------|
| Cap-Base                           | G13                |
| Nominal lifetime                   | 36,000 hour(s)     |
| Switching Cycle                    | 50,000             |
| Lighting Technology                | LEDtube            |
| Light Technical                    |                    |
| Color Code                         | 840 [CCT of 4000K] |
| Beam Angle (Nom)                   | 220 degree(s)      |
| Luminous Flux                      | 1,800 lm           |
| Color Designation                  | Cool White (CW)    |
| Correlated Color Temperature (Nom) | 4000 K             |
| Luminous Efficacy (rated) (Nom)    | 112.00 lm/W        |
| Color Consistency                  | <6                 |
| Color rendering index (CRI)        | 80                 |

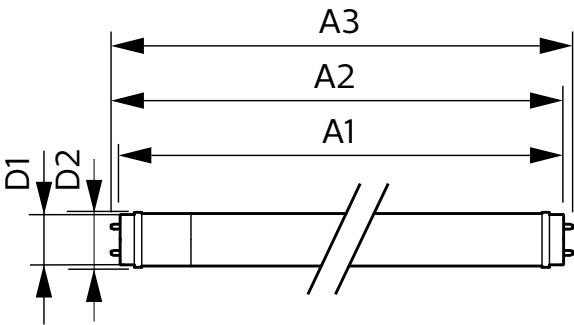
| LLMF At End Of Nominal Lifetime (Nom) | 70 %           |
|---------------------------------------|----------------|
| Operating and Electrical              |                |
| Line Frequency                        | 20K to 120K Hz |
| Input Frequency                       | 20K to 120K Hz |
| Power Consumption                     | 16 W           |
| Lamp Current (Max)                    | 330 mA         |
| Lamp Current (Min)                    | 110 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, 347 V |
| UL Type                               | UL Type A      |

Contractor-grade InstantFit (UL Type-A) T8

|                          |                                |
|--------------------------|--------------------------------|
| Temperature              |                                |
| T-Case Maximum (Nom)     | 95 °F                          |
| Controls and Dimming     |                                |
| Dimmable                 | No                             |
| Mechanical and Housing   |                                |
| Bulb Finish              | Frosted                        |
| Bulb Material            | Glass                          |
| Product Length           | 47-1/4 inch                    |
| Bulb Shape               | T8                             |
| Net Weight (Piece)       | 0.474 lb                       |
| Approval and Application |                                |
| Energy Saving Product    | Yes                            |
| Approval Marks           | RoHS compliance UL certificate |
| EU RoHS compliant        | Yes                            |

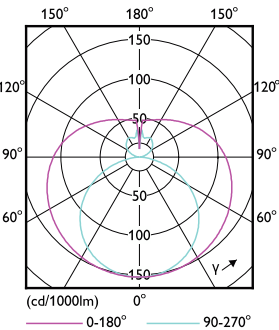
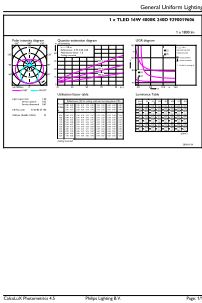
|                                     |                             |
|-------------------------------------|-----------------------------|
| Ambient temperature range           | -4 °F to 113 °F             |
| Application Conditions              |                             |
| can it be used in closed luminaires | Yes                         |
| Wireless Technology                 | Not applicable              |
| Product Data                        |                             |
| Order product name                  | 16T8/LED/48-840/IF18/G 25/1 |
| Full product name                   | 16T8/LED/48-840/IF18/G 25/1 |
| Order code                          | 542084                      |
| Material Nr. (12NC)                 | 929001960604                |
| Numerator - Quantity Per Pack       | 1                           |
| EAN/UPC - Product/Case              | 046677542085                |
| Numerator - Packs per outer box     | 25                          |
| EAN/UPC - Case                      | 50046677542080              |

Dimensional drawing



| Product                     | D1          | D2         | A1           | A2          | A3          |
|-----------------------------|-------------|------------|--------------|-------------|-------------|
| 16T8/LED/48-840/IF18/G 25/1 | 1-1/16 inch | 1-1/8 inch | 47-3/16 inch | 47-1/2 inch | 47-3/4 inch |

Photometric data

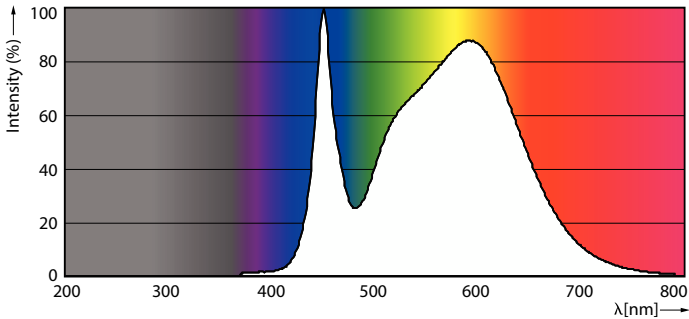


Accent Lighting Spots - 16T8/LED/48-840/IF18/G 25/1

Light Distribution Diagram - 16T8/LED/48-840/IF18/G 25/1

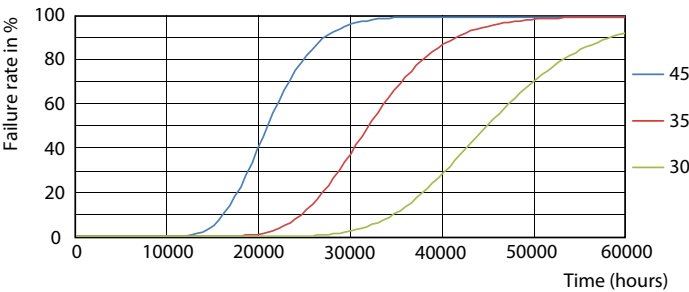
Contractor-grade InstantFit (UL Type-A) T8

Photometric data

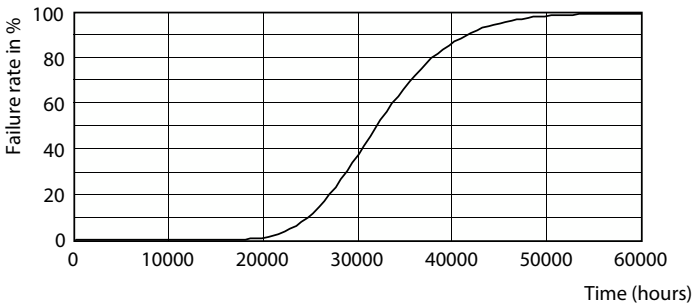


Spectral Power Distribution Colour - 16T8/LED/48-840/IF18/G 25/1

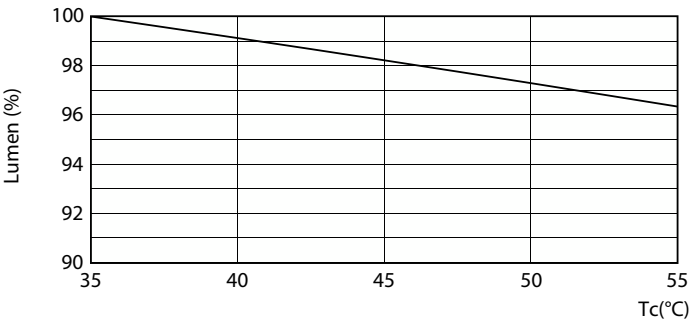
Lifetime



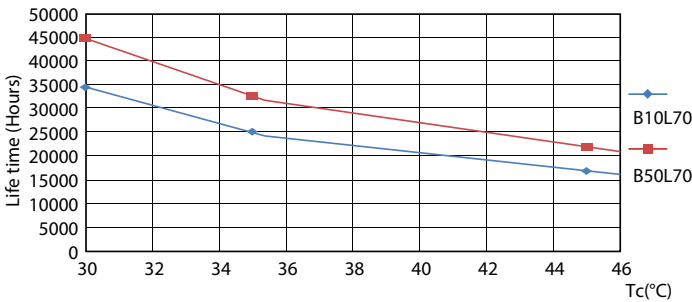
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



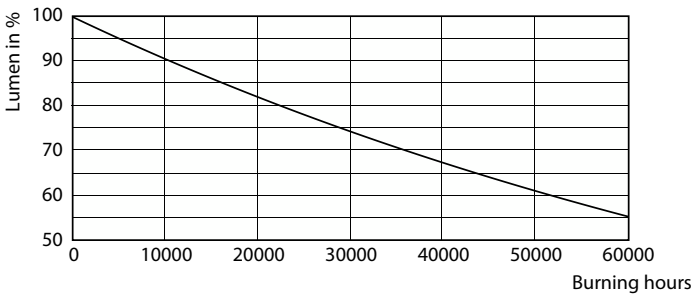
Lumen Maintenance Diagram - 16T8/LED/48-840/IF18/G 25/1



LEDtubes 1200mm T8 120-277 16W 1800lm 4000K

Contractor-grade InstantFit (UL Type-A) T8

Lifetime



Lumen Maintenance Diagram - 16T8/LED/48-840/IF18/G 25/1

