



# LED InstantFit Lamps

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

## Product data

| General Information    |                                  |
|------------------------|----------------------------------|
| Cap-Base               | G13 [ Medium Bi-Pin Fluorescent] |
| Nominal Lifetime (Nom) | 36000 h                          |
| Switching Cycle        | 50000X                           |
| B50L70                 | 36000 h                          |

| Light Technical                       |                           |
|---------------------------------------|---------------------------|
| Color Code                            | 841 [ CCT of 4100K (841)] |
| Initial lumen (Nom)                   | 1800 lm                   |
| Luminous Flux (Rated) (Nom)           | 1800 lm                   |
| Correlated Color Temperature (Nom)    | 4000 K                    |
| Color Consistency                     | <6                        |
| Color Rendering Index (Nom)           | 80                        |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                      |

| Operating and Electrical        |                |
|---------------------------------|----------------|
| Input Frequency                 | 20K to 120K Hz |
| Power (Rated) (Nom)             | 16 W           |
| Lamp Current (Max)              | 330 mA         |
| Lamp Current (Min)              | 110 mA         |
| Starting Time (Nom)             | 0.5 s          |
| Warm Up Time to 60% Light (Nom) | 0.5 s          |
| Power Factor (Nom)              | 0.9            |
| Voltage (Nom)                   | 120-277, 347 V |

| Temperature     |       |
|-----------------|-------|
| T-Ambient (Max) | 45 °C |

|                      |        |
|----------------------|--------|
| T-Ambient (Min)      | -20 °C |
| T-Storage (Max)      | 65 °C  |
| T-Storage (Min)      | -40 °C |
| T-Case Maximum (Nom) | 35 °C  |

| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

| Mechanical and Housing |         |
|------------------------|---------|
| Product Length         | 1200 mm |

| Approval and Application |                                |
|--------------------------|--------------------------------|
| Energy Saving Product    | Yes                            |
| Approbation Marks        | RoHS compliance UL certificate |

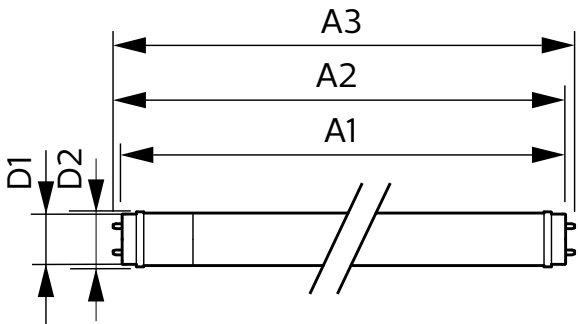
| Product Data                    |                             |
|---------------------------------|-----------------------------|
| Order product name              | 16T8/LED/48-840/IF18/G 25/1 |
| EAN/UPC - Product               | 046677542085                |
| Order code                      | 542084                      |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 25                          |
| Material Nr. (12NC)             | 929001960604                |
| Net Weight (Piece)              | 0.215 kg                    |
| Model Number                    | 9290019606                  |

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Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at [www.philips.com/instantfit](http://www.philips.com/instantfit).

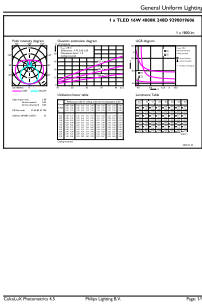
Dimensional drawing



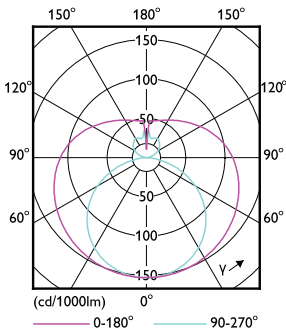
TLED 1200mm T8 120-277 16W 1800lm 4000K

| Product                     | D1      | D2    | A1      | A2      | A3      |
|-----------------------------|---------|-------|---------|---------|---------|
| 16T8/LED/48-840/IF18/G 25/1 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

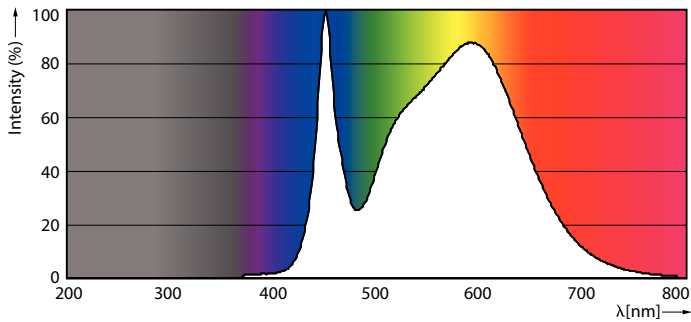
Photometric data



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



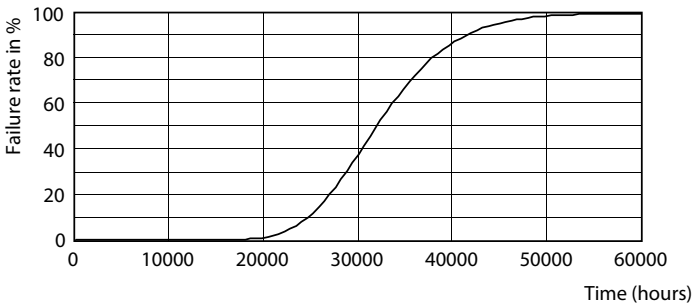
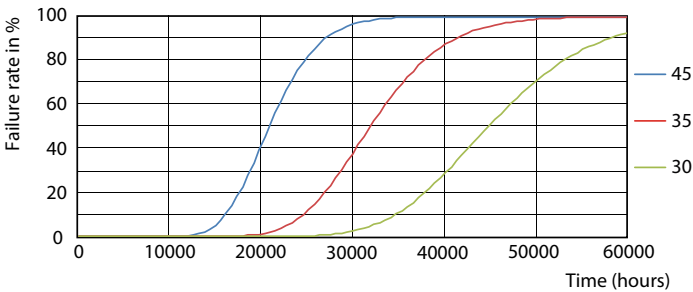
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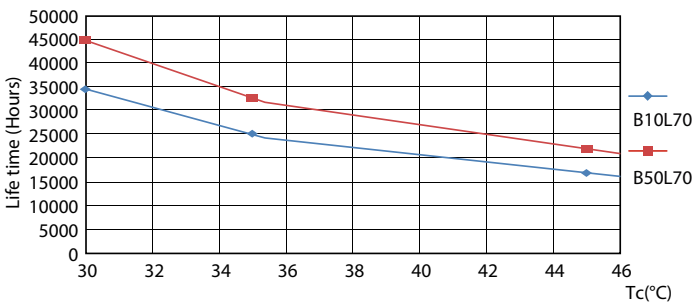
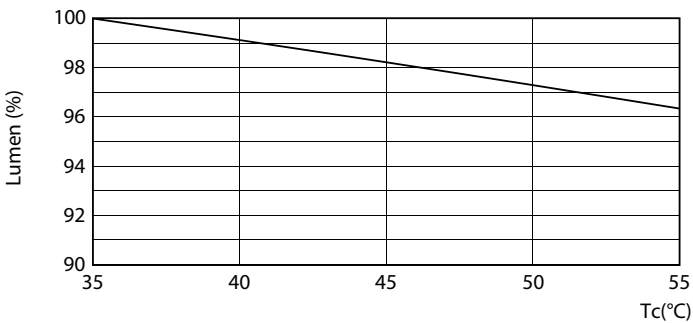
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Lifetime



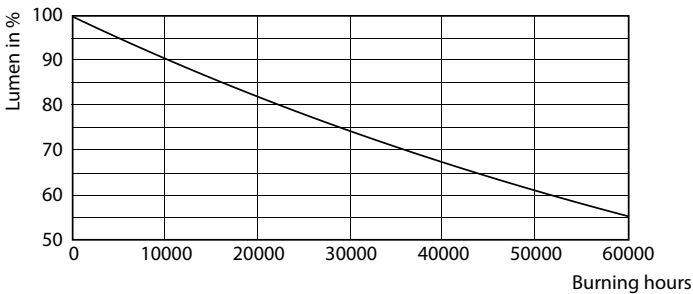
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