



T12

20T12 EM LED/48-6500 IFG 10/1

Philips UniversalFit TLEDs offer unique ballast compatibility working with both electronic (instant-start) and magnetic ballasts while meeting the revised UL1993 standards. The UniversalFit TLEDs are engineered to deliver excellent lighting effects and substantial energy savings while providing unmatched user & installer safety.

Product data

| General Information | |
|---------------------------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 36,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 865 [CCT of 6500K] |
| Beam Angle (Nom) | 240 degree(s) |
| Luminous Flux | 2,100 lm |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 105.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 82 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Operating and Electrical | |
| Line Frequency | 60 Hz |
| Input Frequency | 60 Hz |
| Power Consumption | 20 W |
| Lamp Current (Max) | 220 mA |

| Lamp Current (Min) | 90 mA |
|-------------------------------|--------------------------------|
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.5 |
| Voltage (Nom) | 120-277 V |
| Temperature | |
| Ambient temperature range | -4 °F to 95 °F |
| T-Case Maximum (Nom) | 149 °F |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Product Length | 47-1/4 inch |
| Bulb Shape | Tube, double-ended |
| Approval and Application | |
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |
| Approval Marks | RoHS compliance UL certificate |
| Energy Consumption kWh/1000 h | 20 kWh |

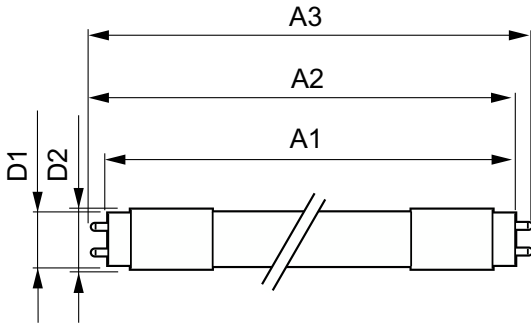
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Product Data

| | |
|-------------------------------|--------------------------------|
| Order product name | 20T12 EM LED/48-6500 IF G 10/1 |
| Full product name | 20T12 EM LED/48-6500 IFG 10/1 |
| Order code | 463125 |
| Material Nr. (12NC) | 929001226604 |
| Numerator - Quantity Per Pack | 1 |

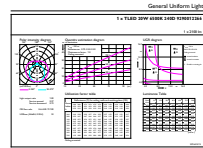
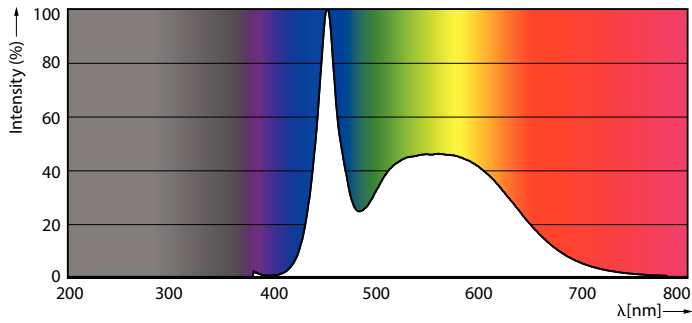
| | |
|---------------------------------|----------------|
| EAN/UPC - Product/Case | 046677463120 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677463125 |

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------|-------------|------------|--------------|-------------|-------------|
| 20T12 EM LED/48-6500 IF G 10/1 | 1-1/16 inch | 1-1/8 inch | 47-3/16 inch | 47-1/2 inch | 47-3/4 inch |

Photometric data



General uniform lighting - 20T12 EM LED/48-6500 IF G 10/1

Spectral Power Distribution Colour - 20T12 EM LED/48-6500 IF G 10/1

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