



Corepro InstantFit (UL Type-A) T8

14T8/COR/48-835/IF20/G/DIM 10/1

The CorePro InstantFit LED lamps provide hassle-free installation with simple lamp-for-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect. Other lamps claim compatibility but only CorePro InstantFit (UL Type A) has been proven to work with over 200 ballasts and drivers, delivering even light output, with proven energy savings and a long average lifetime. End users will be delighted being under these comfortable and high quality CorePro InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy these lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the CorePro InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

Product data

| General Information | | Color Consistency | |
|------------------------------------|---------------------------------|---------------------------------------|-----------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Color Consistency | <6 |
| Nominal lifetime | 70,000 hour(s) | Color rendering index (CRI) | 82 |
| Switching Cycle | 50,000 | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Lighting Technology | LED | Operating and Electrical | |
| EU RoHS compliant | Yes | Line Frequency | 25000-105000 Hz |
| Light Technical | | Input Frequency | 25000-105000 Hz |
| Color Code | 835 [CCT of 3500K] | Power Consumption | 14 W |
| Beam Angle (Nom) | 240 degree(s) | Lamp Current (Max) | 260 mA |
| Luminous Flux | 2,000 lm | Lamp Current (Min) | 100 mA |
| Color Designation | White (WH) | Wattage Equivalent | 32 W |
| Correlated Color Temperature (Nom) | 3500 K | Starting Time (Nom) | 0.5 s |
| Luminous Efficacy (rated) (Nom) | 142.86 lm/W | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.9 |

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| | |
|---------------|----------------|
| Voltage (Nom) | 120-277, 347 V |
| UL Type | UL Type A |

Temperature

| | |
|---------------------------|-----------------|
| Ambient temperature range | -4 °F to 113 °F |
| T-Case Maximum (Nom) | 122 °F |

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|----------------|-------------|
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 47-1/4 inch |
| Bulb Shape | T8 |

Approval and Application

| | |
|-----------------------|---|
| Energy Saving Product | Yes |
| Approval Marks | UL certificate RoHS compliance DLC compliance |

| | |
|-------------------------------|--------------|
| Energy Consumption kWh/1000 h | - kWh |
| Energy Certifications | DLC Standard |

Application Conditions

| | |
|-------------------------------------|-----|
| can it be used in closed luminaires | Yes |
|-------------------------------------|-----|

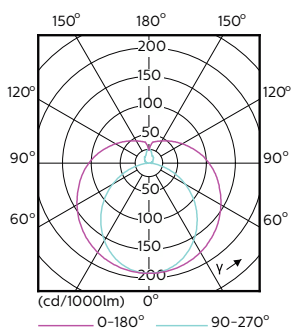
Product Data

| | |
|---------------------------------|---------------------------------|
| Order product name | 14T8/COR/48-835/IF20/G/DIM 10/1 |
| Full product name | 14T8/COR/48-835/IF20/G/DIM 10/1 |
| Order code | 470104 |
| Material Nr. (12NC) | 929001343134 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677452759 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677470109 |

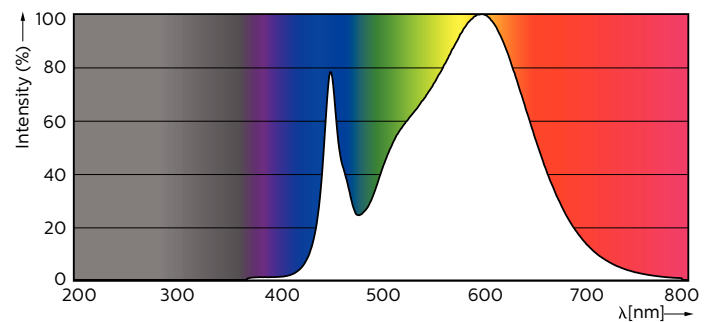
Dimensional drawing

| Product | D1 | D2 | A1 | A2 | A3 |
|---------------------------------|-------------|------------|--------------|-------------|-------------|
| 14T8/COR/48-835/IF20/G/DIM 10/1 | 1-1/16 inch | 1-1/8 inch | 47-3/16 inch | 47-1/2 inch | 47-3/4 inch |

Photometric data



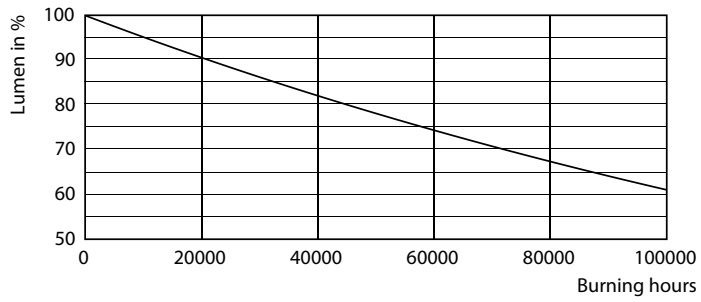
Light Distribution Diagram - 14T8/COR/48-835/IF20/G/DIM 10/1



Spectral Power Distribution Colour - 14T8/COR/48-835/IF20/G/DIM 10/1

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Lifetime



Lumen Maintenance Diagram - 14T8/COR/48-835/IF20/G/DIM 10/1

