



# PL-C/T

## 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

CorePro, LED, PL-C;PL-T, 5-7/8 inch, 8.5 W, 2700 K, 850 lm, 50000 hour(s)

CorePro, LED, PL-C;PL-T, 5-7/8 inch, 8.5 W, 2700 K, 850 lm, 50000 hour(s), 100.00 lm/W, G24q Rotatable end-cap, Plastic

### Product data

| General Information                   |                        |
|---------------------------------------|------------------------|
| Cap-Base                              | G24q Rotatable end-cap |
| Nominal lifetime                      | 50,000 hour(s)         |
| Switching Cycle                       | 50,000                 |
| Lighting Technology                   | LED                    |
| Light Technical                       |                        |
| Color Code                            | 827 [CCT of 2700K]     |
| Beam Angle (Nom)                      | 120 degree(s)          |
| Luminous Flux                         | 850 lm                 |
| Color Designation                     | Warm White (WW)        |
| Correlated Color Temperature (Nom)    | 2700 K                 |
| Luminous Efficacy (rated) (Nom)       | 100.00 lm/W            |
| Color Consistency                     | <6                     |
| Color rendering index (CRI)           | 82                     |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                   |
| Operating and Electrical              |                        |
| Line Frequency                        | 20000-100000 Hz        |
| Input Frequency                       | 20000-100000 Hz        |
| Power Consumption                     | 8.5 W                  |

| Lamp Current (Max)        | 550 mA     |
|---------------------------|------------|
| Lamp Current (Min)        | 150 mA     |
| Wattage Equivalent        | 26 W       |
| Starting Time (Nom)       | 0.5 s      |
| Warm-up time to 60% light | 0.5 s      |
| Power Factor (Fraction)   | 0.9        |
| Voltage (Nom)             | 120 V      |
| UL Type                   | UL Type A  |
| Temperature               |            |
| T-Case Maximum (Nom)      | 140 °F     |
| Controls and Dimming      |            |
| Dimmable                  | Yes        |
| Mechanical and Housing    |            |
| Bulb Finish               | Frosted    |
| Bulb Material             | Plastic    |
| Product Length            | 5-7/8 inch |
| Bulb Shape                | PL-C;PL-T  |

PL-C/T

|                    |          |
|--------------------|----------|
| Net Weight (Piece) | 0.181 lb |
|--------------------|----------|

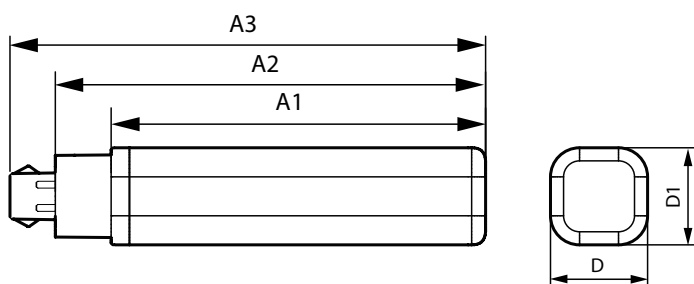
## Approval and Application

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <b>Energy Saving Product</b>     | Yes                                                                    |
| <b>Approval Marks</b>            | RoHS compliance UL certificate KEMA Keur<br>certificate DLC compliance |
| <b>Energy Certifications</b>     | DLC Standard                                                           |
| <b>EU RoHS compliant</b>         | Yes                                                                    |
| <b>Ambient temperature range</b> | -4 °F to 113 °F                                                        |

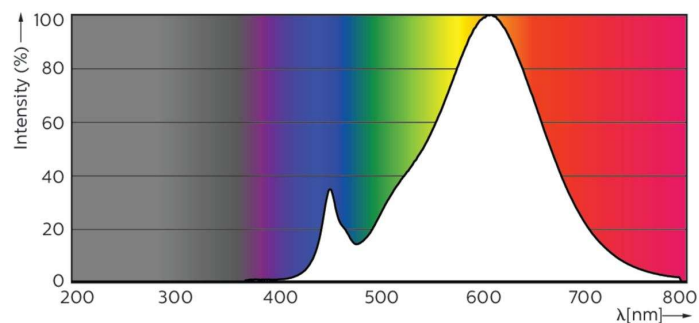
### Application Conditions

|                                     |                |
|-------------------------------------|----------------|
| can it be used in closed luminaires | Yes            |
| Wireless Technology                 | Not applicable |

## Dimensional drawing



## Photometric data

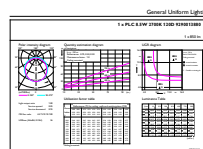


**Spectral Power Distribution Colour - 8.5PL-C/T/COR/  
26H-827/IF8/P/4P/DIM 10/1**

## Product Data

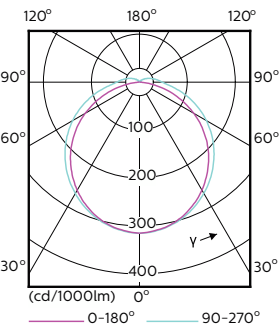
|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Order product name              | 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1 |
| Full product name               | 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1 |
| Order code                      | 458364                                  |
| Material Nr. (12NC)             | 929001388004                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 046677458362                            |
| Numerator - Packs per outer box | 10                                      |
| EAN/UPC - Case                  | 50046677472554                          |

| Product                   | D1         | D          | A1         | A2         | A3         |
|---------------------------|------------|------------|------------|------------|------------|
| 8.5PL-C/T/COR/            | 1-3/8 inch | 1-3/8 inch | 5-1/8 inch | 5-7/8 inch | 6-1/2 inch |
| 26H-827/IF8/P/4P/DIM 10/1 |            |            |            |            |            |



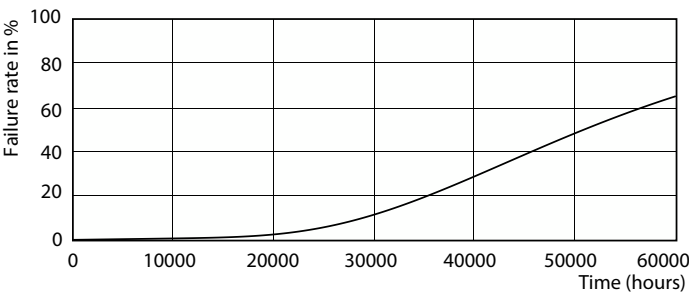
General uniform lighting - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

Photometric data

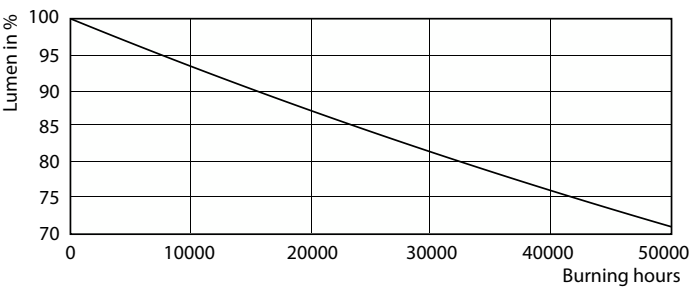


Light Distribution Diagram - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

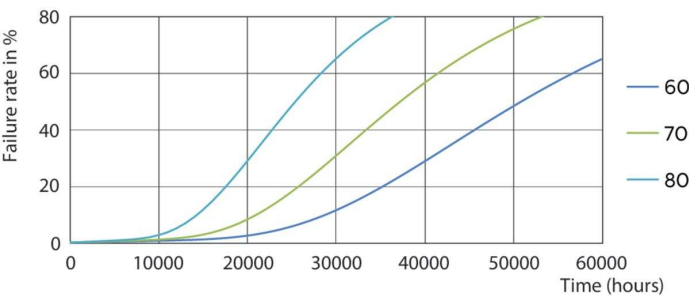
Lifetime



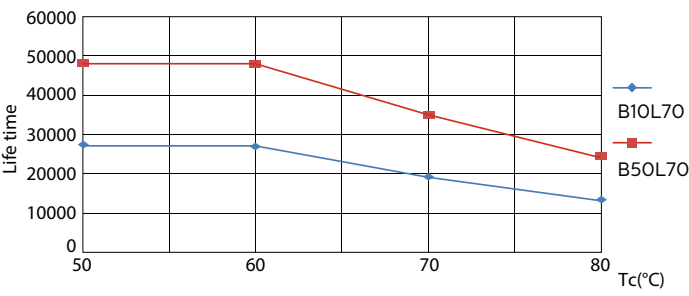
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-827/IF8/P/4P/DIM 10/1

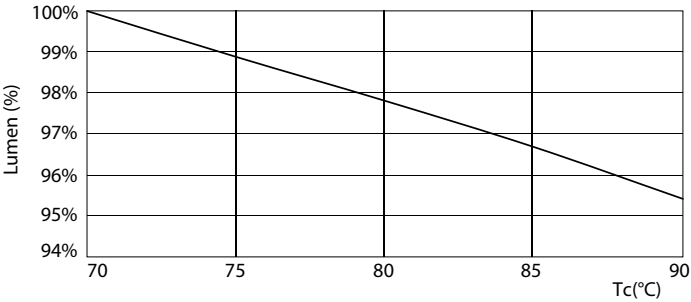


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