



# PL-L

## 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

CorePro, LED, PL-L, 16 inch, 16 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 1900 lm, 1900 lm, 1900 lm, 2000 lm, 2000 lm, 50000 hour(s)

CorePro, LED, PL-L, 16 inch, 16 W, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 1900 lm, 1900 lm, 1900 lm, 2000 lm, 2000 lm, 50000 hour(s), 125 lm/W, 2G11, Glass

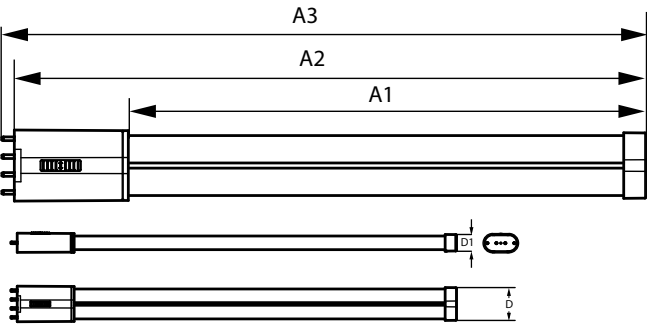
### Product data

| General Information                   |                                  | Lamp Current (Max)        |                            |
|---------------------------------------|----------------------------------|---------------------------|----------------------------|
| Cap-Base                              | 2G11                             | Lamp Current (Min)        | 75 mA                      |
| Nominal lifetime                      | 50,000 hour(s)                   | Wattage Equivalent        | 36 W                       |
| Switching Cycle                       | 50,000                           | Starting Time (Nom)       | 0.5 s                      |
| Lighting Technology                   | LED                              | Warm-up time to 60% light | 0.5 s                      |
| Light Technical                       |                                  | Power Factor (Fraction)   | 0.9                        |
| Color Code                            | 2700/3000/3500/4000/5000         | Voltage (Nom)             | 120-277 V                  |
| Beam Angle (Nom)                      | 140 degree(s)                    | Temperature               |                            |
| Luminous Flux                         | 1,900 1,900 1,900 2,000 2,000 lm | T-Case Maximum (Nom)      | 167 °F                     |
| Color Designation                     | 2700/3000/3500/4000/5000         | Controls and Dimming      |                            |
| Correlated Color Temperature (Nom)    | 2700 3000 3500 4000 5000 K       | Dimmable                  | Only with specific dimmers |
| Luminous Efficacy (rated) (Nom)       | 125 lm/W                         | Mechanical and Housing    |                            |
| Color Consistency                     | <6                               | Bulb Finish               | Frosted                    |
| Color rendering index (CRI)           | 82                               | Bulb Material             | Glass                      |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             | Product Length            | 16 inch                    |
| Operating and Electrical              |                                  | Bulb Shape                | PL-L                       |
| Input Frequency                       | 50 to 60 Hz                      |                           |                            |
| Power Consumption                     | 16 W                             |                           |                            |

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Net Weight (Piece)                  | 0.287 lb                          |
| Approval and Application            |                                   |
| EU RoHS compliant                   | Yes                               |
| Ambient temperature range           | -4 to +113 °F                     |
| Application Conditions              |                                   |
| can it be used in closed luminaires | Yes                               |
| Wireless Technology                 | Not applicable                    |
| Product Data                        |                                   |
| Order product name                  | 16PL-L/COR/36-5CCT/MF20/G/4P 10/1 |

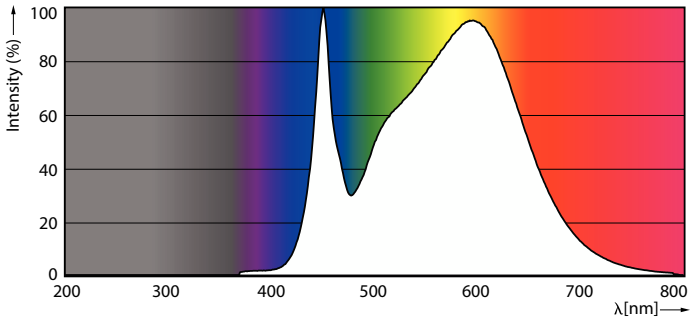
|                                 |                                   |
|---------------------------------|-----------------------------------|
| Full product name               | 16PL-L/COR/36-5CCT/MF20/G/4P 10/1 |
| Order code                      | 607143                            |
| Material Nr. (12NC)             | 929004602604                      |
| Numerator - Quantity Per Pack   | 1                                 |
| EAN/UPC - Product/Case          | 046677607142                      |
| Numerator - Packs per outer box | 10                                |
| EAN/UPC - Case                  | 50046677607147                    |

Dimensional drawing

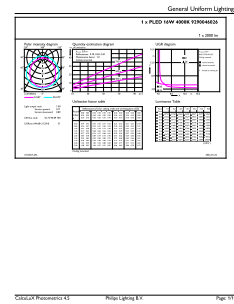


| Product                               | D1       | D          | A1          | A2      | A3          |
|---------------------------------------|----------|------------|-------------|---------|-------------|
| 16PL-L/COR/36-5CCT/<br>MF20/G/4P 10/1 | 7/8 inch | 1-5/8 inch | 13-1/4 inch | 16 inch | 16-3/8 inch |

Photometric data

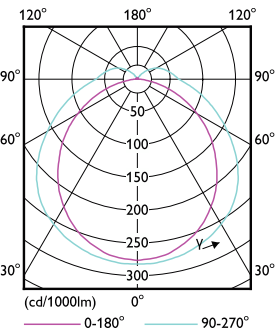


Spectral Power Distribution Colour - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



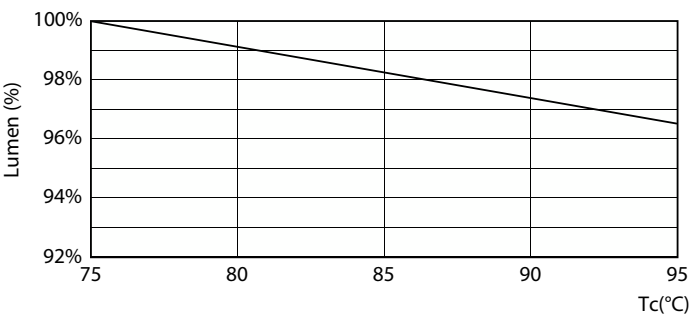
General uniform lighting - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

Photometric data

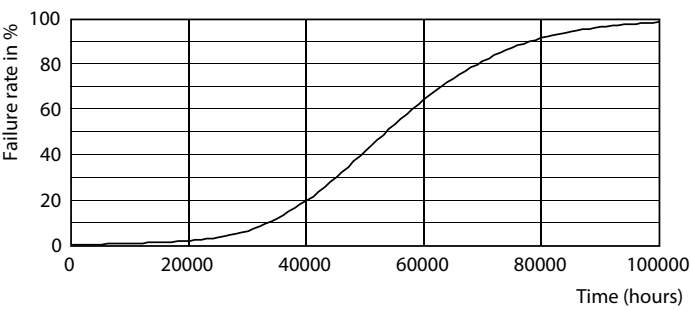


Light Distribution Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1

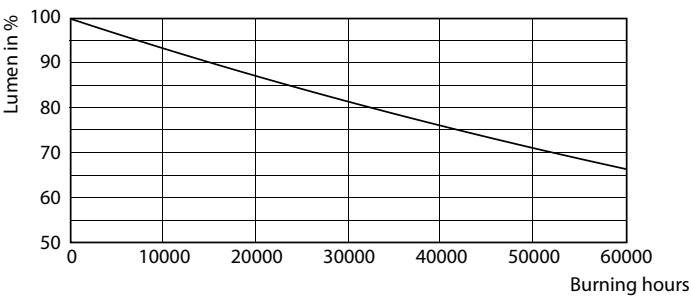
Lifetime



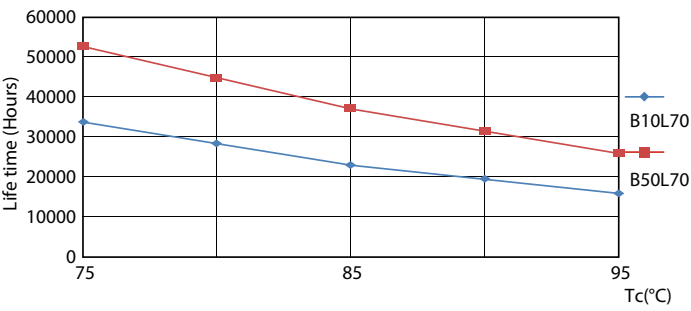
Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



Life Expectancy Diagram

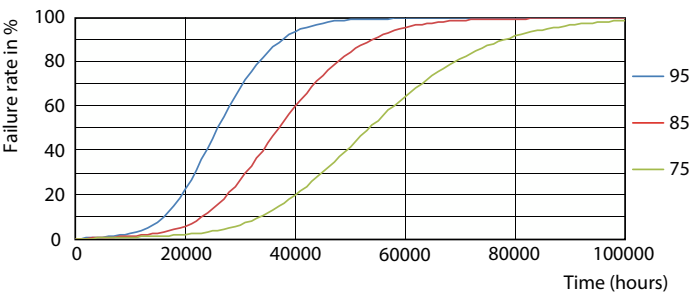


Lumen Maintenance Diagram - 16PL-L/COR/36-5CCT/MF20/G/4P 10/1



LEDtube 50K 7595 LifetimeVsTc-LED

Lifetime



LEDtube 50K 7595 FailureRate-LED

