

# PHILIPS

**12PL-C/T/COR/32V-840/  
IF15/P/4P/DIM 10/1**

929001820404



**CorePro, LED, PL-C;PL-T, 110 mm, 12 W, 4000 K, 1500  
lm, 50000 hour(s)**

CorePro, LED, PL-C;PL-T, 110 mm, 12 W, 4000 K, 1500 lm, 50000 hour(s), 125.00 lm/W, GX24q, Plastic

## General Information

|                     |                |
|---------------------|----------------|
| Cap-Base            | GX24q          |
| Nominal lifetime    | 50,000 hour(s) |
| Switching Cycle     | 50,000         |
| Lighting Technology | LED            |

## Light Technical

|                                       |                    |
|---------------------------------------|--------------------|
| Color Code                            | 840 [CCT of 4000K] |
| Beam Angle (Nom)                      | 120 degree(s)      |
| Luminous Flux                         | 1,500 lm           |
| Color Designation                     | Cool White (CW)    |
| Correlated Color Temperature (Nom)    | 4000 K             |
| Luminous Efficacy (rated) (Nom)       | 125.00 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         | 12 W            |
| Lamp Current (Max)        | 500 mA          |
| Lamp Current (Min)        | 150 mA          |
| Wattage Equivalent        | 32 W            |
| Starting Time (Nom)       | 0.5 s           |
| Warm-up time to 60% light | 0.5 s           |
| Power Factor (Fraction)   | 0.9             |
| Voltage (Nom)             | 25-55 V         |
| UL Type                   | UL Type A       |

## Temperature

|                      |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 25 °C |
|----------------------|-------|

## Controls and Dimming

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

Mechanical and Housing

|                    |           |
|--------------------|-----------|
| Bulb Finish        | Frosted   |
| Bulb Material      | Plastic   |
| Product Length     | 110 mm    |
| Bulb Shape         | PL-C;PL-T |
| Net Weight (Piece) | 0.091 kg  |

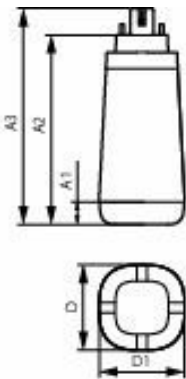
Approval and Application

|                           |                 |
|---------------------------|-----------------|
| Energy Saving Product     | Yes             |
| Approval Marks            | RoHS compliance |
| Energy Certifications     | DLC Standard    |
| EU RoHS compliant         | Yes             |
| Ambient temperature range | -20 °C to 45 °C |

Application Conditions

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

Dimensional drawing



| D    | D1   | A1   | A2    | A3    |
|------|------|------|-------|-------|
| 50mm | 50mm | 13mm | 110mm | 125mm |

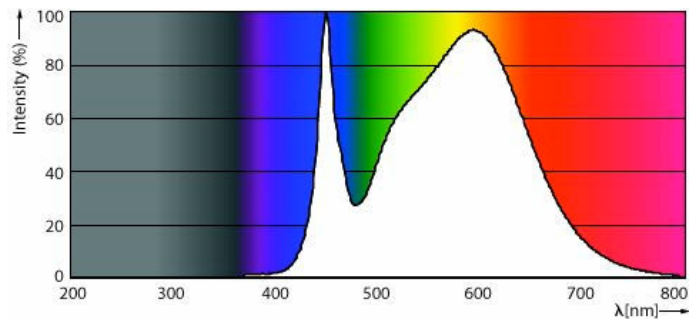
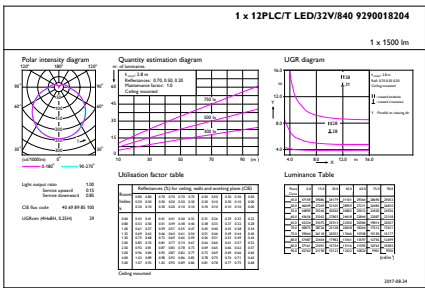
Product Data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Order product name              | 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1 |
| Full product name               | 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1 |
| Order code                      | 929001820404                            |
| Material Nr. (12NC)             | 929001820404                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 046677476137                            |
| Numerator - Packs per outer box | 10                                      |
| EAN/UPC - Case                  | 50046677476132                          |

| Product                                 | D1    | D     | A1    | A2     | A3     |
|-----------------------------------------|-------|-------|-------|--------|--------|
| 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1 | 50 mm | 50 mm | 13 mm | 110 mm | 125 mm |

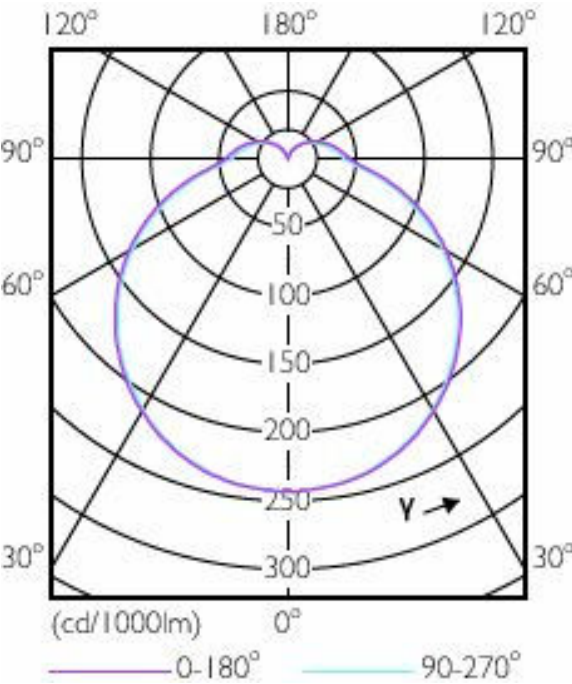
Photometric data

General Uniform Lighting



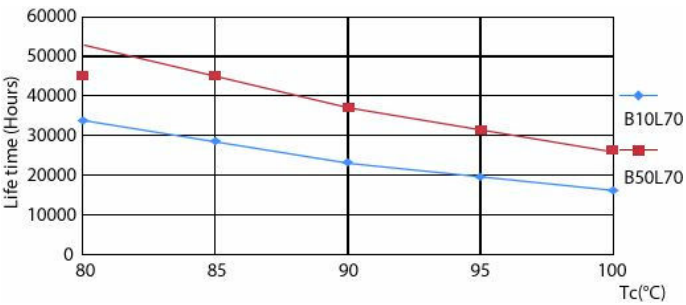
Spectral Power Distribution Colour - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

General uniform lighting - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

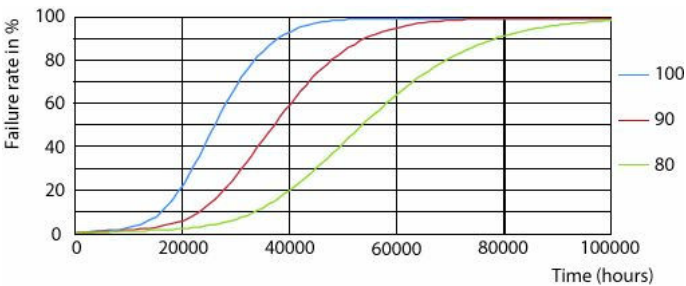


Light Distribution Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

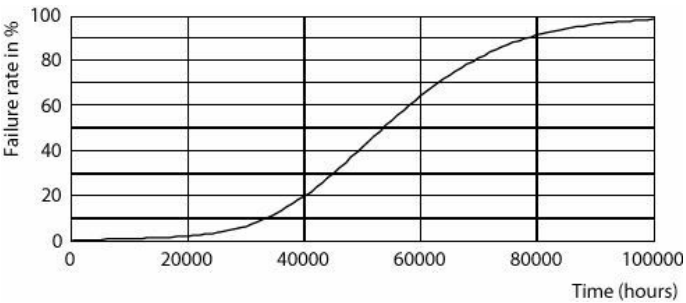
Lifetime



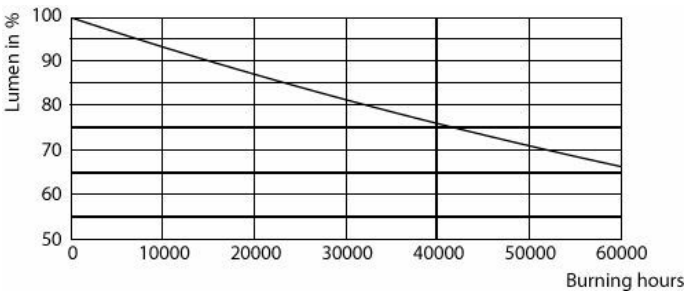
LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



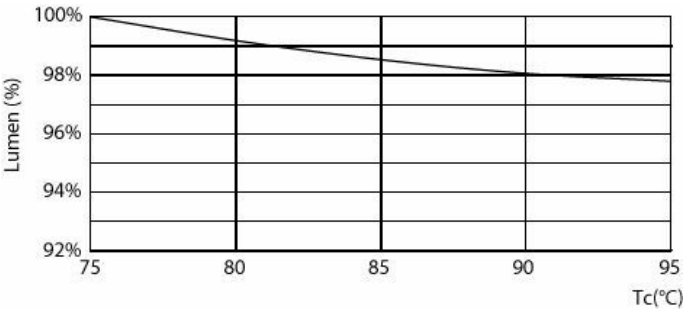
LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



LEDtube PLC/T 12W G24Q 827-840 32H-32V DIM



Lumen Maintenance Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1



Lumen Maintenance Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

Related Documents

| Documents and certificates        | Document Name                                                                          | Download                                                                                                       |
|-----------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Environmental Product Declaration | Philips-10-5PL-C-T-COR-26V-840-IF13-P-4P-DIM10-1-COMF-7403978-Ref-929001388704-EPD.pdf | <a href="#">Download</a>  |
| Photometry and lighting design    | Document Name                                                                          | Download                                                                                                       |
| IES File                          | LEDtube_PLC_T_12W_G24Q_840_32V_DIM-IES.ies                                             | <a href="#">Download</a>  |

