PHILIPS

Lighting

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CorePro LED PLT 4P



CorePro LED PLT HF 9W 830 4P GX24q-3

The CorePro LED PLT 4P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly

Product data

| General Information | | |
|--|--------------------|--|
| Cap-Base | GX24Q-3 [GX24q-3] | |
| Nominal lifetime | 30,000 hour(s) | |
| Switching Cycle | 200,000 | |
| Lighting Technology | LED | |
| Flux measurement reference | Sphere | |
| | | |
| Light Technical | | |
| Color Code | 830 [CCT of 3000K] | |
| Beam Angle (Nom) | 120 degree(s) | |
| Luminous Flux | 990 lumen | |
| Color Designation | White (WH) | |
| Correlated Color Temperature (Nom) | 3000 K | |
| Luminous Efficacy (rated) (Nom) | 110 lm/W | |
| Color Consistency | <6 | |
| Color rendering index (CRI) | 82 | |
| LLMF At End Of Nominal Lifetime (Nom) 70 % | | |
| | | |

| Operating and Electrical | |
|--------------------------|------------|
| Line Frequency | 20K-80K Hz |
| Input Frequency | 20K-80K Hz |
| Power Consumption | 9 W |
| Starting Time (Nom) | 0.5 s |

| Warm-up time to 60% light | 0.5 s |
|-------------------------------|--|
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 20-60 V |
| | |
| Temperature | |
| Ambient temperature range | -20 ℃ to 35 ℃ |
| T-Case Maximum (Nom) | 65 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Material | Plastic |
| Product Length | 100 mm |
| Bulb Shape | Tube, single-ended |
| | |
| Approval and Application | |
| Energy Efficiency Class | F |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking KEMA Keur |
| | certificate |
| Energy Consumption kWh/1000 h | 9 kWh |
| | |

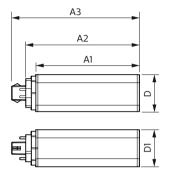
CorePro LED PLT 4P

| EPREL Registration Number | 1361422 |
|---------------------------|---------|
| CE mark | Yes |
| EU RoHS compliant | Yes |
| | |
| Product Data | |

| Full product code | 871951448780200 |
|--------------------|--------------------------------------|
| Order product name | CorePro LED PLT HF 9W 830 4P GX24q-3 |
| Order code | 929003576502 |

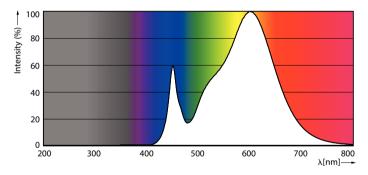
| Numerator - Quantity Per Pack | 1 |
|---------------------------------|--------------------------------------|
| Numerator - Packs per outer box | 20 |
| Material number (12NC) | 929003576502 |
| Full product name | CorePro LED PLT HF 9W 830 4P GX24q-3 |
| EAN/UPC - Case | 8719514487819 |
| | |

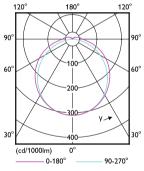
Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------------|-------|----|--------|--------|--------|
| CorePro LED PLT HF 9W 830 4P GX24q-3 | 42 mm | | 115 mm | 127 mm | 142 mm |

Photometric data





Light Distribution Diagram

Spectral Power Distribution Colour

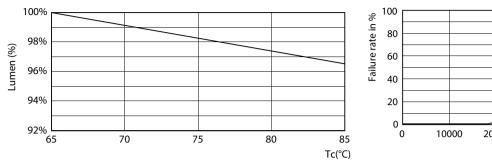
| General Uniform Lightin |
|------------------------------|
| 1 x PLT PW 3000K \$290035765 |
| 1 x 190 in. |
| Viti depart |
| |

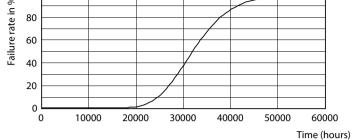
Philos Listeine B.Y.

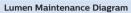
General uniform lighting - CorePro LED PLT HF 9W 830 4P GX24q-3

CorePro LED PLT 4P

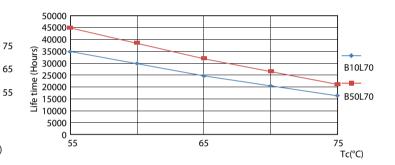
Lifetime





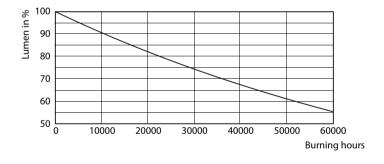


Life Expectancy Diagram - CorePro LED PLT HF 9W 830 4P GX24q-3



10000

20000



30000

40000

50000

60000

Time (hours)

Lumen Maintenance Diagram - CorePro LED PLT HF 9W 830 4P GX24q-3

100

80

60

40

20

0 0

Failure rate in %

Life Expectancy Diagram

Life Expectancy Diagram

CorePro LED PLT 4P



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