



# CorePro LED PLL



## CorePro LED PLL HF 24W 840 4P 2G11

CorePro, LED, PL-L, HF, 528 mm, 24 W, 55W PL-L, 4000 K, 3400 lm, CRI 83, 30000 hour(s)

CorePro, LED, PL-L, HF, 528 mm, 24 W, LED alternative to 55W PL-L, 4000 K, 3400 lm, CRI 83, 30000 hour(s), 141.00 lm/W, EEL E, 2G11, Beam angle 160 degree(s), Glass, RG0, SDCM 6, PF 0.9, IP20

### Product data

| General Information                          |                    |
|----------------------------------------------|--------------------|
| Cap-Base                                     | 2G11               |
| Nominal lifetime                             | 30,000 hour(s)     |
| Switching Cycle                              | 50,000             |
| Lighting Technology                          | LED                |
| Flux measurement reference                   | Sphere             |
| Warranty period                              | 3 years            |
| Light Technical                              |                    |
| Color Code                                   | 840 [CCT of 4000K] |
| Beam Angle (Nom)                             | 160 degree(s)      |
| Luminous Flux                                | 3,400 lm           |
| Color Designation                            | Cool White (CW)    |
| Correlated Color Temperature (Nom)           | 4000 K             |
| Luminous Efficacy (rated) (Nom)              | 141.00 lm/W        |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 83                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Photobiological safety according to EN 62471 | RG0                |

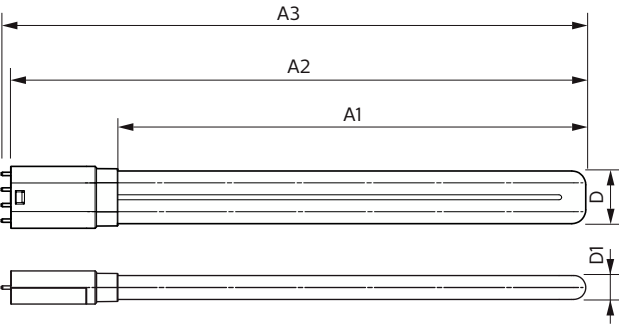
| Operating and Electrical                                                     |                |
|------------------------------------------------------------------------------|----------------|
| Line Frequency                                                               | 20000-70000 Hz |
| Input Frequency                                                              | 20000-70000 Hz |
| Power Consumption                                                            | 24 W           |
| Lamp Current (Max)                                                           | 600 mA         |
| Lamp Current (Min)                                                           | 400 mA         |
| Starting Time (Nom)                                                          | 0.5 s          |
| Warm-up time to 60% light                                                    | 0.5 s          |
| Power Factor (Fraction)                                                      | 0.9            |
| Voltage (Nom)                                                                | 53-77 V        |
| LED alternative to fluorescent lamp power                                    | 55W PL-L       |
| Inrush current at mains                                                      | -              |
| Max. lamp no. on MCB B type 10A - Mains                                      | -              |
| Max. lamp no. on MCB B type 10A - EM ballast without Compensation Capacitor. | -              |
| Max. lamp no. on MCB B type 10A - EM ballast with Compensation Capacitor.    | -              |
| Max. lamp no. on MCB B type 16A - Mains                                      | -              |
| Max. lamp no. on MCB B type 16A - EM ballast without Compensation Capacitor. | -              |

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|                                                                           |                                                     |
|---------------------------------------------------------------------------|-----------------------------------------------------|
| Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor. | -                                                   |
| Ballast Compatibility                                                     | HF                                                  |
| Temperature                                                               |                                                     |
| T-Case Maximum (Nom)                                                      | 70 °C                                               |
| Controls and Dimming                                                      |                                                     |
| Dimmable                                                                  | No                                                  |
| Mechanical and Housing                                                    |                                                     |
| Bulb Finish                                                               | Frosted                                             |
| Bulb Material                                                             | Glass                                               |
| Product Length                                                            | 528 mm                                              |
| Bulb Shape                                                                | PL-L                                                |
| Net Weight (Piece)                                                        | 0.160 kg                                            |
| Approval and Application                                                  |                                                     |
| Energy Efficiency Class                                                   | E                                                   |
| Energy Saving Product                                                     | Yes                                                 |
| Approval Marks                                                            | RoHS compliance CE marking KEMA<br>Keur certificate |
| Energy Consumption kWh/1000 h                                             | 24 kWh                                              |

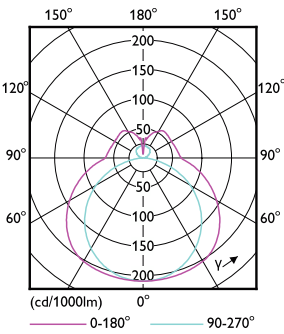
|                                 |                                    |
|---------------------------------|------------------------------------|
| EPREL Registration Number       | 387356                             |
| CE mark                         | Yes                                |
| EU RoHS compliant               | Yes                                |
| Ambient temperature range       | -20 °C to 45 °C                    |
| Application Conditions          |                                    |
| Wireless Technology             | Not applicable                     |
| Product Data                    |                                    |
| Order product name              | CorePro LED PLL HF 24W 840 4P 2G11 |
| Full product name               | CorePro LED PLL HF 24W 840 4P 2G11 |
| Full product code               | 871869682841000                    |
| Order code                      | 929001920502                       |
| Material Nr. (12NC)             | 929001920502                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8718696828410                      |
| Numerator - Packs per outer box | 10                                 |
| EAN/UPC - Case                  | 8718696828427                      |

Dimensional drawing

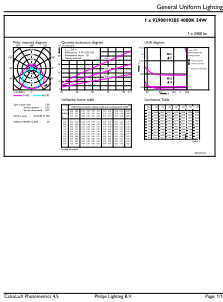


| Product                            | D1    | D2    | A1     | A2     | A3     |
|------------------------------------|-------|-------|--------|--------|--------|
| CorePro LED PLL HF 24W 840 4P 2G11 | 17 mm | 38 mm | 453 mm | 528 mm | 535 mm |

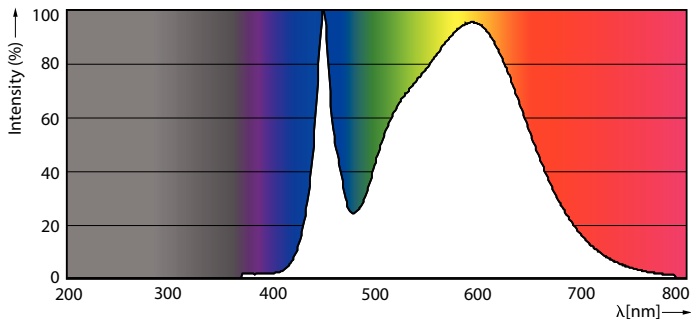
Photometric data



Light Distribution Diagram - CorePro LED PLL HF 24W 840 4P 2G11

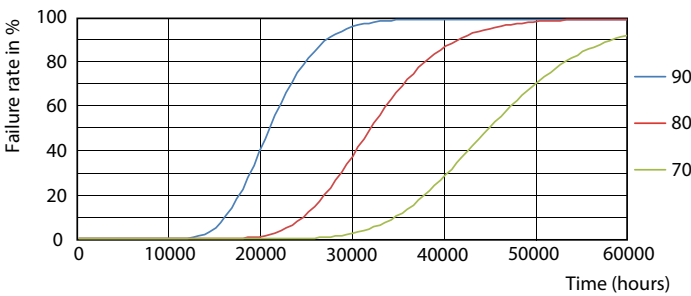


General uniform lighting - CorePro LED PLL HF 24W 840 4P 2G11

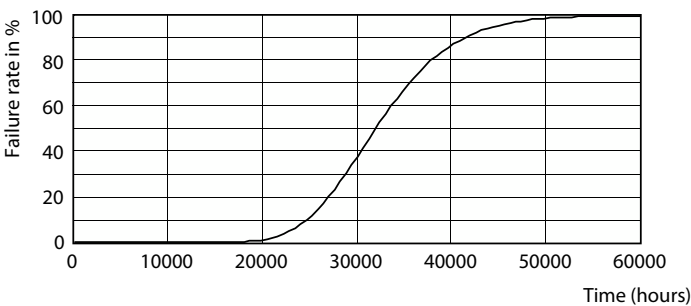


Spectral Power Distribution Colour - CorePro LED PLL HF 24W 840 4P 2G11

Lifetime

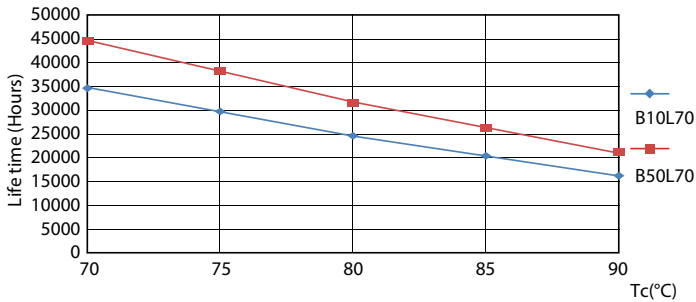
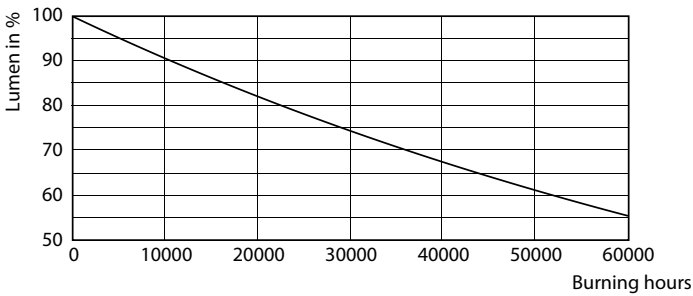


LEDtube CorePro PLL HF 24W 2G11 830 24D ND

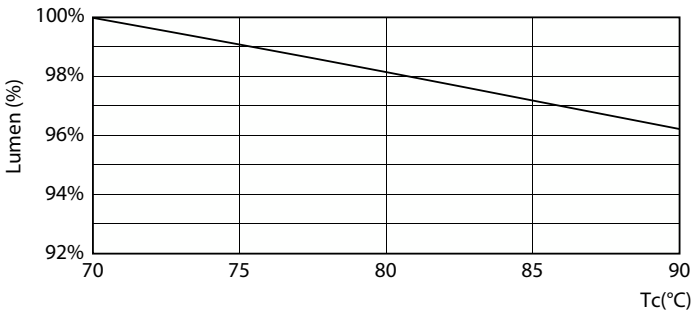


LEDtube CorePro PLL HF 24W 2G11 830 24D ND

Lifetime



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 840 4P 2G11



Lumen Maintenance Diagram - CorePro LED PLL HF 24W 840 4P 2G11

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