



# CorePro LED PLL



## CorePro LED Urban PLL Mains 18W 840

CorePro, LED, PL-L, Mains, 410 mm, 18 W, 36W PL-L, 4000 K, 2300 lm, CRI 80, 30000 hour(s)

CorePro, LED, PL-L, Mains, 410 mm, 18 W, LED alternative to 36W PL-L, 4000 K, 2300 lm, CRI 80, 30000 hour(s), 127 lm/W, EEL E, 2G11, Beam angle 360 degree(s), Plastic, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

### Product data

| General Information                          |                    |
|----------------------------------------------|--------------------|
| Cap-Base                                     | 2G11               |
| Nominal lifetime                             | 30,000 hour(s)     |
| Switching Cycle                              | 200,000            |
| Lighting Technology                          | LED                |
| Flux measurement reference                   | Sphere             |
| Warranty period                              | 3 years            |
| Light Technical                              |                    |
| Color Code                                   | 840 [CCT of 4000K] |
| Beam Angle (Nom)                             | 360 degree(s)      |
| Luminous Flux                                | 2,300 lm           |
| Color Designation                            | Cool White (CW)    |
| Correlated Color Temperature (Nom)           | 4000 K             |
| Luminous Efficacy (rated) (Nom)              | 127 lm/W           |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 80                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Photobiological safety according to EN 62471 | RG0                |

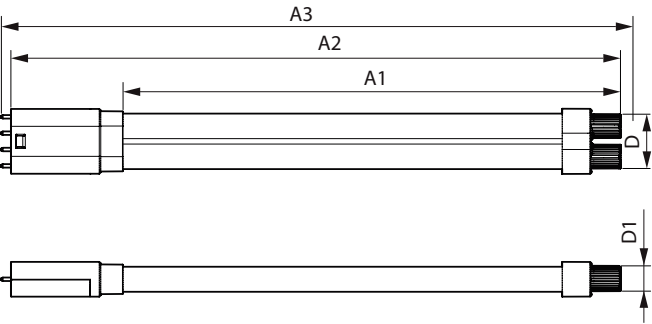
| Operating and Electrical                                                     |             |
|------------------------------------------------------------------------------|-------------|
| Input Frequency                                                              | 50 to 60 Hz |
| Power Consumption                                                            | 18 W        |
| Lamp Current (Nom)                                                           | 100 mA      |
| Starting Time (Nom)                                                          | 0.5 s       |
| Warm-up time to 60% light                                                    | 0.5 s       |
| Power Factor (Fraction)                                                      | 0.9         |
| Voltage (Nom)                                                                | 220-240 V   |
| LED alternative to fluorescent lamp power                                    | 36W PL-L    |
| Inrush current at mains                                                      | 4.3         |
| Max. lamp no. on MCB B type 10A - Mains                                      | 100         |
| 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                                      | 160         |
| Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor. | -           |
| Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.    | -           |

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|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Ballast Compatibility         | Mains                                               |
| Temperature                   |                                                     |
| T-Case Maximum (Nom)          | 55 °C                                               |
| Controls and Dimming          |                                                     |
| Dimmable                      | No                                                  |
| Mechanical and Housing        |                                                     |
| Bulb Finish                   | Clear                                               |
| Bulb Material                 | Plastic                                             |
| Product Length                | 410 mm                                              |
| Bulb Shape                    | PL-L                                                |
| Net Weight (Piece)            | 0.150 kg                                            |
| Approval and Application      |                                                     |
| Energy Efficiency Class       | E                                                   |
| Energy Saving Product         | Yes                                                 |
| Approval Marks                | RoHS compliance CE marking<br>KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 18 kWh                                              |
| EPREL Registration Number     | 1826745                                             |
| CE mark                       | Yes                                                 |

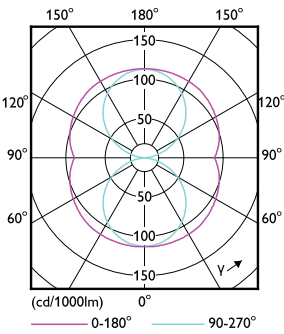
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|-----------------------------------------------------------------|-------------------------------------|
| EU RoHS compliant                                               | Yes                                 |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                                   |
| Stroboscopic effect visibility measure (SVM)                    | 0.4                                 |
| Ambient temperature range                                       | -30 to +45 °C                       |
| Application Conditions                                          |                                     |
| Wireless Technology                                             | Not applicable                      |
| Product Data                                                    |                                     |
| Order product name                                              | CorePro LED Urban PLL Mains 18W 840 |
| Full product name                                               | CorePro LED Urban PLL Mains 18W 840 |
| Full product code                                               | 872016928722800                     |
| Order code                                                      | 929003758502                        |
| Material Nr. (12NC)                                             | 929003758502                        |
| Numerator - Quantity Per Pack                                   | 1                                   |
| EAN/UPC - Product/Case                                          | 8720169287228                       |
| Numerator - Packs per outer box                                 | 10                                  |
| EAN/UPC - Case                                                  | 8720169287235                       |

Dimensional drawing

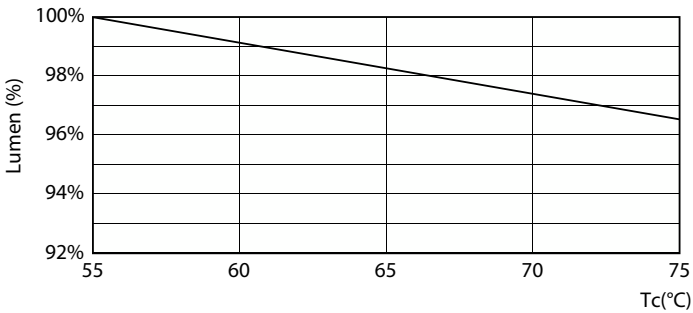


| Product                             | D1    | D2    | A1     | A2     | A3     |
|-------------------------------------|-------|-------|--------|--------|--------|
| CorePro LED Urban PLL Mains 18W 840 | 17 mm | 37 mm | 335 mm | 410 mm | 416 mm |

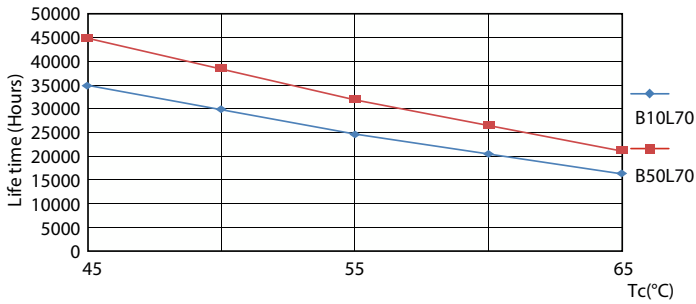
Photometric data



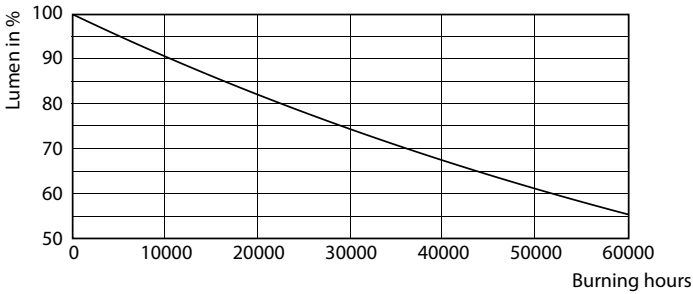
Lifetime



Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 18W 840



LifetimeVsTc



Lumen Maintenance Diagram - CorePro LED Urban PLL Mains 18W 840

