# Xitanium LED drivers – programmable

## Xitanium 150W 0.35-0.7A Prog GL sXt

Our Xitanium programmable Xtreme LED drivers with global input voltage (UL, ENEC) are designed to deliver high performance, protection and configurability. The Xtreme technology ensures maximum robustness and protection with a very long lifetime. Configuration of programmable drivers can be done via DALI and the MultiOne software.

## Product data

### General Information

| | |
|---|---|
| Nominal lifetime | 100,000 hour(s) |
| Lighting Technology | LED |

### Operating and Electrical

| | |
|---|---|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Total Harmonic Distortion IEC (Max) | 20 % |
| Power Consumption | 165 W |
| Output Current Ripple (Max) | 4 % |
| Maximum Efficiency at Full Load | 93 % |
| Output Current (Max) | 700 mA |
| Output Current (Nom) | Programmable (350-700) mA |
| Output Current Tolerance (Max) | 5 % |
| Output Current Tolerance (Min) | -5 % |
| Power Factor 50% Load (Min) | 0.94 |
| Earth Leakage Current (Max) | 0.7 mA |
| Open Circuit Voltage (DC) (Max) | 300 V |
| Input Current (Max) | 700 mA |
| Inrush Current Peak (Max) | 108 A |

| Output Power (Max) | 150 W |
|---|---|
| Output Power (Nom) | 30-150 W |
| Inrush Current Width to 50% of Peak | 140 µs |
| Diagnostics | True |
| Output Power (Min) | 7.5 W |
| Output Current (Min) | 50 mA |
| Output Voltage (Max) | 280 V |
| Output Voltage (Min) | 125 V |
| Number of Products on MCB (16A Type B) (Max) | 7 |

### Wiring

| | |
|---|---|
| Output Wire Length | 500 mm |
| Input Wire Cross Section (Nom) | 0.82 mm² |

### System characteristics

| | |
|---|---|
| Central DC Operation | No |
| YellowDot ready | No |

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## Temperature

| | |
|---|---|
| **Ambient temperature range** | –40 °C to 55 °C |
| **T–Case Lifetime (Max)** | 70 °C |
| **T–Case Lifetime (Nom)** | 71 °C |
| **T–Case Maximum (Max)** | 80 °C |
| **Module Temperature Protection** | Programmable |
| **T–Case Switch Off (Nom)** | 92 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Yes |
| **Control Interface** | 1–10V/DALI/Dynadimmer |
| **Dimming Range** | 100-10 % |
| **D4i compliant** | No |
| **DynaDimmer** | Yes |
| **Constant light output** | Yes |

## Mechanical and Housing

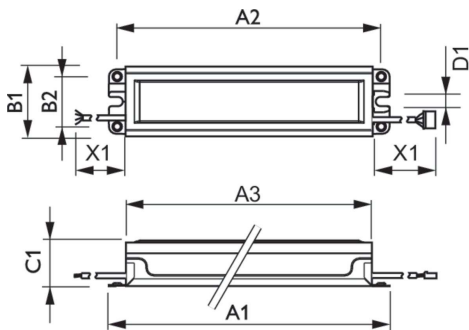| | |
|---|---|
| **Housing Color** | Black |
| **Product Length** | 240 mm |
| **Housing** | F–CAN 240mm |
| **Overall length** | 240.5 mm |
| **Overall width** | 59.8 mm |
| **Overall height** | 37.6 mm |
| **Dimensions (Height x Width x Depth)** | 38 x 60 x 241 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP20 [Finger-protected] |
| **Surge Protection (Common/Differential)** | Luminaire surge protection level until 6 kV differential mode and 8 kV common mode |
| **Isolation Classification** | Class I and Class II |
| **Approval Marks** | CCC certificate CE marking CB Certificate ENEC certificate UL certificate |
| **Output Current Set Options** | DALI |
| **Protection class IEC** | Safety class I/II |

## Product Data

| | |
|---|---|
| **Order product name** | Xitanium 150W 0.35-0.7A Prog GL sXt |
| **Full product name** | Xitanium 150W 0.35-0.7A Prog GL sXt |
| **Full product code** | 872790078351300 |
| **Order code** | 929000702202 |
| **Material Nr. (12NC)** | 929000702202 |
| **Numerator – Quantity Per Pack** | 1 |
| **EAN/UPC – Product/Case** | 8718291999782 |
| **Numerator – Packs per outer box** | 10 |
| **EAN/UPC – Case** | 8727900783513 |

## Dimensional drawing



| Product | D1 | A2 | B2 | C1 | A1 | A3 | X1 | B1 |
|---|---|---|---|---|---|---|---|---|
| Xitanium 150W 0.35-0.7A Prog GL sXt | 8 mm | 226.2 mm | 42.9 mm | 37.1 mm | 240.5 mm | 211.1 mm | 500 mm | 59.1 mm |

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2024, March 21 – data subject to change