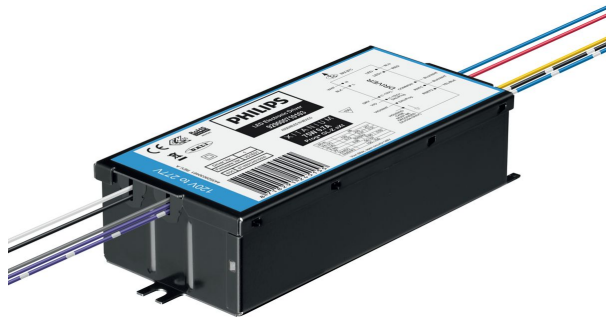




# Xitanium Constant Current Xtreme

## Xitanium 100W 0.53A Prog+ GL-Z sXt

Xitanium Xtreme LED drivers provide constant current output, optimal for a single string of LEDs. With exceptional operating efficiency, our drivers significantly reduce energy costs. The Xitanium Xtreme portfolio offers both central and standalone dimming protocols further increasing the energy savings and CO2 reductions achieved with LED lighting. The fully programmable drivers deliver all dimming options and a range of currents in a single driver. System reliability is maximized with intelligent temperature monitoring of the LED light engine. The full portfolio offers maximum flexibility with customizable operating settings, delivering optimal performance tailored for each design.

## Product data

### • General Characteristics

|                              |           |
|------------------------------|-----------|
| Input Frequency              | 50/60 Hz  |
| IP Classification            | -         |
| Lifetime 90% surv.@Tcaselife | 100000 hr |
| Housing Color                | Black     |

### • Operating Characteristics

|                               |                              |
|-------------------------------|------------------------------|
| Ripple current                | 30 %                         |
| Efficiency Range              | 92 %                         |
| Output Power Range            | 35-100 W                     |
| Power Factor (100% load)      | 0.97 (min) -                 |
| Input Power max               | 115 W                        |
| Output Voltage Range          | 94-189 V                     |
| Output Current Range (mA)     | 100-530                      |
| Total Harmonic Distortion IEC | 20 (max) %                   |
| Dimming range                 | 100-10 %                     |
| Constant Lumen Output         | Programmable                 |
| Input Current max             | 480 (max) mA                 |
| Inrush Current Peak           | 80 (max) A                   |
| Output Current Tolerance      | -5 (min), 5 (max) %          |
| Inrush Current Width to 50%   | 150 us                       |
| Type of Dimming               | 1-10V/AmpDim/DALI/Dynadimmer |
| Input Voltage Range (AC)      | 120-277 V                    |
| Power Factor (dimmed 50%)     | 0.94 (min) -                 |
| Earth leakage current         | 0.35 (max) mA                |

|                                |           |
|--------------------------------|-----------|
| Max drivers on MCB(16A type-B) | 9 (max) x |
| Surge Protection (comm./diff.) | 4/4 kV    |
| LumiStep Dimming Time          | -         |
| LumiStep Time After Midpoint   | -         |

### • Wiring Characteristics

|                            |          |
|----------------------------|----------|
| Connection on driver to L2 | Wire     |
| Input Wire Length          | 275 mm   |
| Input Wire Diameter        | 0.82 mm2 |
| Control Wire Diameter      | 0.82 mm2 |
| Control Wire Length        | 275 mm   |
| Output Wire Length         | 275 mm   |
| Output Wire Diameter       | 0.82 mm2 |

### • Temperature Characteristics

|                           |                       |
|---------------------------|-----------------------|
| T-case Lifetime           | 66 C                  |
| T-case maximum            | 80 (max) C            |
| T-ambient                 | -40 (min), 55 (max) C |
| Tc Thermal Cut off Driver | 85 C                  |
| Tc Thermal Cut off Module | Programmable          |

### • Product Dimensions

|           |          |
|-----------|----------|
| Length A1 | 165 mm   |
| Length A3 | 147.4 mm |
| Width B1  | 70 mm    |

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## Xitanium Constant Current Xtreme

|                                |        |
|--------------------------------|--------|
| Height C1                      | 38 mm  |
| Fixing Hole Diameter D1        | 5.5 mm |
| Fixing Hole Distance Width B2  | 50 mm  |
| Fixing Hole Distance Length A2 | 155 mm |
| Length Cable X1                | 275 mm |

|                             |                                    |
|-----------------------------|------------------------------------|
| Full product code           | 929000710403                       |
| Full product name           | Xitanium 100W 0.53A Prog+ GL-Z sXt |
| Order product name          | Xitanium 100W 0.53A Prog+ GL-Z sXt |
| Pieces per pack             | 1                                  |
| Packing configuration       | 12                                 |
| Packs per outerbox          | 12                                 |
| Bar code on pack - EAN1     | 8718291245179                      |
| Bar code on outerbox - EAN3 | 8718291245186                      |
| Logistic code(s) - 12NC     | 929000710403                       |
| Net weight per piece        | 0.745 kg                           |

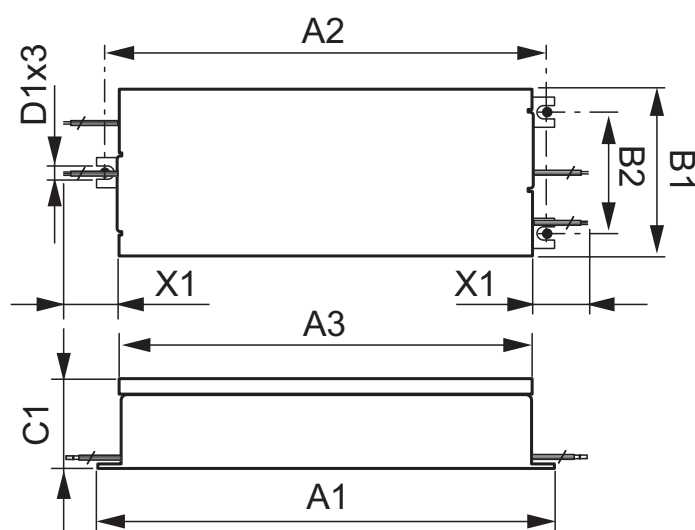
### • Approval&Application Chars

|                          |          |
|--------------------------|----------|
| Isolation classification | Class II |
| ENEC certificate         | Yes      |
| CE marking               | Yes      |
| RoHS compliance          | Yes      |

### • Product Data

|            |              |
|------------|--------------|
| Order code | 929000710403 |
|------------|--------------|

### Dimensional drawing



### Xitanium 100W 0.53A Prog+ GL-Z sXt

| Product                            | A1 (Norm) | A2 (Norm) | A3 (Norm) | B1 (Norm) | B2 (Norm) | C1 (Norm) | D1 (Norm) | X1 (Norm) |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Xitanium 100W 0.53A Prog+ GL-Z sXt | 165       | 155       | 147.4     | 70        | 50        | 38        | 5.5       | 275       |



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data subject to change