



Xitanium LED Driver Outdoor Dimmable (US)

Xitanium 150W 0.1-1.05A Prog+ sXt

Xitanium Outdoor LED Drivers are available in wattages from 40W to 150W for hard-wire integration into outdoor luminaires for the most rugged applications. These drivers operate to specification under wide temperature and electrical ranges to ensure reliability. 1-10V dimming enables luminaires to be easily connected to a wide variety of sensors and control systems to facilitate dimming, thus maximizing energy savings.

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 | 75-150 W |
| Power Factor (100% load) | 0.98 (min) - |
| Input Power max | 167 W |
| Output Voltage Range | 70-148 V |
| Output Current Range (mA) | 100-1050 |
| Total Harmonic Distortion IEC | 20 (max) % |
| Dimming range | 100-10 % |
| Constant Lumen Output | Programmable |
| Input Current max | 720 (max) mA |
| Inrush Current Peak | 110 (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%) | 0.96 (min) - |
| Earth leakage current | 0.7 (max) mA |

| | |
|--------------------------------|------------|
| Max drivers on MCB(16A type-B) | 11 (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 | 500 mm |
| Input Wire Diameter | 0.82 mm2 |
| Control Wire Diameter | 0.82 mm2 |
| Control Wire Length | 500 mm |
| Output Wire Length | 500 mm |
| Output Wire Diameter | 0.82 mm2 |

• Temperature Characteristics

| | |
|---------------------------|-----------------------|
| T-case Lifetime | 70 C |
| T-case maximum | 80 (max) C |
| T-ambient | -40 (min), 55 (max) C |
| Tc Thermal Cut off Driver | 87 C |
| Tc Thermal Cut off Module | Programmable |

• Product Dimensions

| | |
|-----------|----------|
| Length A1 | 240.5 mm |
| Length A3 | 211.1 mm |
| Width B1 | 59.1 mm |

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| Height C1 | 37.1 mm |
| Fixing Hole Diameter D1 | 8.0 mm |
| Fixing Hole Distance Width B2 | 42.9 mm |
| Fixing Hole Distance Length A2 | 226.2 mm |
| Length Cable X1 | 500 mm |

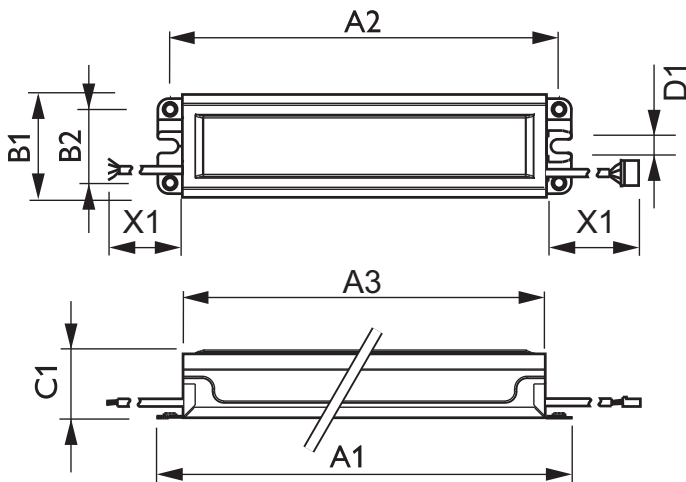
• Approval & Application Chars

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

• Product Data

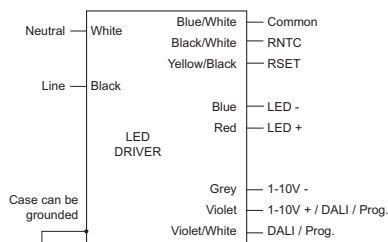
| | |
|-----------------------------|-----------------------------------|
| Order code | 929000709003 |
| Full product code | 929000709003 |
| Full product name | Xitanium 150W 0.1-1.05A Prog+ sXt |
| Order product name | Xitanium 150W 0.1-1.05A Prog+ sXt |
| Pieces per pack | 1 |
| Packing configuration | 10 |
| Packs per outerbox | 10 |
| Bar code on pack - EAN1 | 8718291211983 |
| Bar code on outerbox - EAN3 | 8718291211990 |
| Logistic code(s) - 12NC | 929000709003 |
| Net weight per piece | 1.069 kg |

Dimensional drawing



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| Product | A1 (Norm) | A2 (Norm) | A3 (Norm) | B1 (Norm) | B2 (Norm) | C1 (Norm) | D1 (Norm) | X1 (Norm) |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Xitanium 150W 0.1-1.05A Prog+ sXt | 240.5 | 226.2 | 211.1 | 59.1 | 42.9 | 37.1 | 8.0 | 500 |



Xitanium 75 & 150W 0.1-1.05A Prog+ sXt



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data subject to change