

# Xitanium Constant Voltage Outdoor

LED Power Driver Outd. 100-240V 100W 24V

Constant Voltage Outdoor LED drivers deliver a highly stable output voltage and are SELV (Safety Extra Low Voltage) compliant. These drivers are the perfect choice for enabling easy modular connection of multiple LED PCBs in parallel. The Constant Voltage Outdoor category offers excellent reliability and ensures a simplified installation process. Robust design reduces maintenance and lowers the cost of ownership over the application lifetime.

## Benefits

### • Operating and Electrical

|                                      |           |
|--------------------------------------|-----------|
| Input frequency                      | 50-60 Hz  |
| Total harmonic distortion IEC (max.) | 20 %      |
| Maximum efficiency                   | 80 %      |
| Power factor 100% load (min.)        | 0.9       |
| Output current (nom.)                | 4100 mA   |
| Input voltage (AC)                   | 100-240 V |
| Output voltage tolerance (max.)      | 5 %       |
| Output voltage tolerance (min.)      | -5 %      |
| Input current (max.)                 | 1340 mA   |
| Input power (nom.)                   | 120 W     |
| Inrush current peak (max.)           | 105 A     |
| Output voltage                       | 24.3 V    |
| Inrush current width to 50% of peak  | 196 µs    |

### • Wiring

|                                  |                      |
|----------------------------------|----------------------|
| Output wire length               | 300 mm               |
| Output wire cross section (nom.) | 0.82 mm <sup>2</sup> |
| Input Wire Cross Section         | 0.82 mm <sup>2</sup> |

### • Temperature

|                  |        |
|------------------|--------|
| T ambient (max.) | 60 °C  |
| T ambient (min.) | -30 °C |

|                        |        |
|------------------------|--------|
| T storage (max.)       | 85 °C  |
| T storage (min.)       | -40 °C |
| T case lifetime (nom.) | 75 °C  |
| T-Case maximum (max.)  | 85 °C  |

### • Controls and Dimming

|                   |      |
|-------------------|------|
| Control interface | None |
|-------------------|------|

### • Mechanical and Housing

|                       |       |
|-----------------------|-------|
| Colour of the Housing | White |
|-----------------------|-------|

### • Approval and Application

|                          |            |
|--------------------------|------------|
| Isolation classification | Class II   |
| Approval marks           | CE marking |

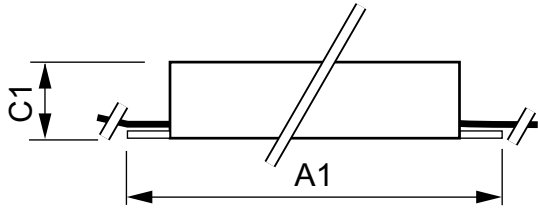
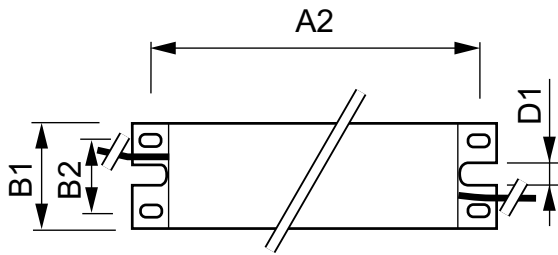
### • Product Data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871150091196430                          |
| Order product name              | LED Power Driver Outd. 100-240V 100W 24V |
| EAN/UPC – product               | 8711500911964                            |
| Order code                      | 913700621091                             |
| Numerator – quantity per pack   | 1  |
| Numerator – packs per outer box | 10                                       |
| Material no. (12NC)             | 913700621091                             |
| Net weight (piece)              | 0.638 kg                                 |

**PHILIPS**

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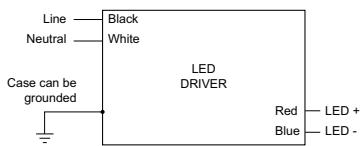
## Dimensional drawing



LED Power Driver Outdoor 60 & 100W

## LED Power Driver Outd. 100-240V 100W 24V

| Product                                  | D1     | A2       | B2      | C1    | A1     | B1    |
|--|--------|----------|---------|-------|--------|-------|
| LED Power Driver Outd. 100-240V 100W 24V | 4.4 mm | 228.6 mm | 26.6 mm | 30 mm | 241 mm | 43 mm |



LED Power Driver Outd. 60 & 100W



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data subject to change