



# Xitanium LED linear drivers - SR

## Xitanium SR Bridge independent

Xitanium SR drivers are at the heart of any connected indoor lighting system. These intelligent, SR drivers standardize the connection between driver and sensor, eliminating the need for separate components or modules and ensuring compatibility. Our Xitanium LED linear LED SR drivers not only provide power conversion for LED lighting, but they also feature integrated power supplies and energy metering, enabling users to deliver actionable operational data such as energy consumption. Equally beneficial are the integrated sensor controllers, which provide daylight harvesting and occupancy patterns to a building management system, without the need for additional external components. Collectively they help bring connectivity and expanded functionality to luminaires.

### Product data

| General Information                          |                 |                                     |                     |
|--|-----------------|-------------------------------------|---------------------|
| Nominal lifetime                             | 100,000 hour(s) | Inrush Current Width to 50% of Peak | 200 µs              |
| Lighting Technology                          | LED             | Power Factor 100% Load (Max)        | 0.9                 |
| Operating and Electrical                     |                 | Energy Metering                     | Yes                 |
| Line Frequency                               | 50 to 60 Hz     | Constant Current (CC)               | True                |
| Input Frequency                              | 50 to 60 Hz     | Constant Voltage (CV)               | False               |
| Total Harmonic Distortion IEC (Max)          | 20 %            | Diagnostics                         | False               |
| Output Current Ripple (Max)                  | 4 %             | Output Power (Min)                  | 0 W                 |
| Power Factor (Fraction)                      | 0.9             | Output Voltage (Max)                | 0 V                 |
| Open Circuit Voltage (DC) (Max)              | 0 V             | Output Voltage (Min)                | 0 V                 |
| Protection Level Up (L-N) at 5 kA (Max)      | 2 kV            | Wiring                              |                     |
| Protection Level Up (LN-Earth) at 5 kA (Max) | 4 kV            | Hot Wiring                          | no                  |
| Inrush Current Peak (Max)                    | 12 A            | Input wire strip length             | 9 mm to 10 mm mm    |
| Output Power (Max)                           | 0 W             | Input Wire Cross Section (Max)      | 1.5 mm <sup>2</sup> |

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|                                     |                     |
|-------------------------------------|---------------------|
| Input Wire Cross Section (Min)      | 0.2 mm <sup>2</sup> |
| <b>System characteristics</b>       |                     |
| Central DC Operation                | No                  |
| YellowDot ready                     | No                  |
| <b>Temperature</b>                  |                     |
| Ambient temperature range           | -40 °C to 60 °C     |
| T-Case Lifetime (Max)               | 65 °C               |
| T-Case Maximum (Max)                | 75 °C               |
| <b>Controls and Dimming</b>         |                     |
| Dimmable                            | No                  |
| D4i compliant                       | No                  |
| DynaDimmer                          | No                  |
| Constant light output               | No                  |
| <b>Mechanical and Housing</b>       |                     |
| Product Length                      | 204 mm              |
| Overall length                      | 204 mm              |
| Overall width                       | 30 mm               |
| Overall height                      | 21 mm               |
| Dimensions (Height x Width x Depth) | 21 x 30 x 204 mm    |

|                                 |   |
|---------------------------------|---|
| <b>Approval and Application</b> |   |
| Ingress protection code         | IP20 [Finger-protected]   |
| Isolation Classification        | No  |
| Open Circuit Protection         | Protected   |
| Approval Marks                  | CCC certificate CE marking ENEC certificate RCM compliance REACH compliance RoHS compliance |
| Corridor Mode                   | False   |
| Output Current Set Options      | No  |
| Protection class IEC            | Safety class I/II   |
| <b>Product Data</b>             |   |
| Full product code               | 871869671984800   |
| Order product name              | Xitanium SR Bridge independent  |
| Order code                      | 929001546506  |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 36  |
| Material Nr. (12NC)             | 929001546506  |
| Full product name               | Xitanium SR Bridge independent  |
| EAN/UPC - Case                  | 8718696719855   |
| EAN/UPC - Product/Case          | 8718696719848   |

