

Programmable LED Driver - Philips XITANIUM Essential - Xi EP 65W - for LED luminaires up to 65W



Product code:

Reference: XITANIUM-XIEP65W

Technical specifications:

REFERENCE: XITANIUM-65W
Rated Power : 42W -- 65W
Nominal Voltage: 220-240V
Construction Material: Aluminium
Certifications: CE - ENEC 05 - CCC - RoHS
IP : IP67-Outdoor
Dimensions (mm): 15*4.5*7cm
Power Factor (PF): 0.95
Frequency (Hz): 50/60Hz
Temperature Range (°C): -40°C +55°C
Other Information: Inside: AC220-240V - Outside: DC31-93V --- 0.3A-1.05A
Warranty Years: PHILIPS XITANIUM 5 YEARS

Product short description:

The PHILIPS LED Xitanium Essential Programmable (EP) drivers are designed to offer maximum reliability and flexibility, making them a preferred option for outdoor applications. The key feature is adjusting the output current with the new e-set tool, a simple and quick way to configure the driver without the need to turn it on and without software configuration.

Input: AC100-277V Output DC27-42Vdc

Output: 1.3-2.0A (DC Amperes)

Product description:

Philips XITANIUM Essential - Xi EP 65W Programmable LED Driver for LED Luminaires up to 65W- 5 years Warranty

The Xitanium Essential Programmable LED Driver is a programmable LED driver from Philips Advance. Its main features:

Output power: The Xitanium Essential Programmable LED Driver offers a wide range of output powers, from 25 W to 75 W.

Programmability: The LED driver can be easily programmed to suit a wide variety of applications. Users can customize output current, voltage, and output waveform, as well as set dimming and surge protection options.

Energy Efficiency: The Xitanium Essential Programmable LED Driver meets the most stringent energy efficiency requirements, such as those established by ENERGY STAR® and the NEMA SSL 7A standard.

Compatibility: The LED Driver is compatible with a wide variety of LEDs and lighting control systems, making it suitable for a wide variety of applications.

Protection: The Xitanium Essential Programmable LED Driver offers over-voltage, over-current, and short-circuit protection, ensuring safe and reliable operation.

Compact Design: The LED driver has a compact and lightweight design, making it easy to install in tight spaces.

The Xitanium Essential Programmable LED Driver -Xi EP 65W 1.3-2.0A WL I112-, has the key feature of being able to adjust the output current with the E-SET tool:

The Philips E-SET Tool is a software programming tool used to program and configure Philips LED drivers. It is specifically designed for use with Philips' line of Xitanium LED drivers. The E-SET tool is used to adjust and customize various LED driver parameters such as output current, output voltage, switching frequency, output waveform, dimming options, and surge protection options. Additionally, the tool allows users to save and load configuration profiles for quick and easy reprogramming in the future. The E-SET tool can be used in combination with a USB cable to connect to the LED driver for programming. It is also compatible with Philips programmable LED drivers that feature SimpleSet technology, which allows programming without the need for additional tools. Overall, the Philips E-Set tool is a useful tool for LED fixture designers and manufacturers looking to customize and optimize the performance of Philips LED drivers. E-SET is a simple and fast way to configure the controller without powering it on and without the need for software configuration.

The benefits of using this Philips driver can be summarized as:

- Reliable, repeatable output current setting, saving labor costs and manufacturing time.
- Easy to design and reduces the number of SKUs. (Stock Maintenance Unit).
- Low maintenance cost and peace of mind in extreme conditions.
- Safe to use and provides luminaire design freedom.

The Philips XITANIUM Essential - Xi EP 65W Programmable driver is used to power and control the light intensity of high power LED luminaires up to 65 watts. This driver is programmable, which means it can be configured to meet the specific needs of each lighting project, making it suitable for a wide range of applications, such as:
Indoor lighting: Philips XITANIUM Essential Xi EP 65W driver is commonly used to power LED luminaires in offices, commercial buildings, hospitals, shopping malls, and other indoor

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Technical Datasheet

spaces.

Outdoor lighting: Due to its ability to withstand harsh weather conditions, the Philips XITANIUM Essential Xi EP 65W driver is also used in outdoor lighting applications such as lighting parking lots, parks and monuments.

Sports Lighting: This driver is ideal for sports lighting applications, such as soccer fields, tennis courts, and basketball courts, where precise control of light intensity is required.

Accent lighting: The Philips XITANIUM Essential Xi EP 65W driver can be used for accent lighting in museums, art galleries and retail stores, where precise control of light intensity is needed to highlight certain areas or products.

In short, the Philips XITANIUM Essential Xi EP 65W driver can be applied in a wide range of indoor and outdoor lighting projects, which require a reliable power supply and precise light intensity management of high power LED luminaires.

Additional images:

