

LED Optical Module - 65W-49W - Philips XITANIUM Essential - Xi EP - Programmable - HIGH LUMINOSITY 180Lm/W



Product code:

Reference: LM65W-PHP-XIEP

Technical specifications:

REFERENCE: LM65W-PHP-XIEP
Rated Power : Programmable from: 49w to 65w
Nominal Voltage: 100-277V
Colour: 3000K - 4000K
CRI - Chromatic Rendiment Index: 75
Construction Material: Aluminium +PMMA
Luminosity-Lm: 11700Lm
Number & Type of LEDs: SMD 3030- 8D (8Cores) BRIDGELUX CHIP 2240DS-C30
Beam Angle (°): 78°x156°
Luminous diodo LED (Lm/W): 210Lm/W
Luminous Efficiency (Lm/W): 180Lm/W
Certifications: CE - ROHS
IP : IP66
Diode Life Expectancy (H): 50.000
Dimensions (mm): 175x175xH35
Power Factor (PF): 0.98
Frequency (Hz): 50/60Hz
Temperature Range (°C): -15°+70°
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Glare Rating (UGR): 13
Impact Protection (IK) : IK10
Driver included: Philips Xitanium Xi EP - 65W - 1.3-2.0A - WL I112
Energy Rating (2021-UE-2019/2015): A++
Energy Rating (2023 - UE-2019/2015): C
Warranty Years: 5

Product short description:

Optical block HIGH LUMINOSITY LED module with a power of 65W and is manufactured with a set of 144 SMD 3030 8D LED diodes, with Bridgelux Chip and **Philips XITANIUM Essential - Xi EP 65W PROGRAMMABLE driver**. This LED module is designed to be placed in all kinds of LED streetlights. Excellent dissipation that translates into a much longer useful life and greater energy savings. 5 Year Warranty. **It can be programmed from 49W to 65W.**

Product description:

LED Optical Module 65W Programmable Philips XITANIUM Essential - Xi EP - HIGH LUMINOSITY 180Lm/W for street lighting- Programmable from 49W to 65W.

The **65W LED Optical Block Module** is serving as a replacement for the old light bulbs that were very polluting, thanks to their power they manage to generate great lighting in streetlights . The quality of its materials makes it an essential product for generating clean and long-lasting energy.

Our 65W LED optical module improves on typical concepts, addressing issues such as spacing between streetlights, preserving the night sky by avoiding light pollution, and improving visual comfort.

Its installation and assembly of our LED module is that it is done in a simple way. Our LED Module has **144 Bridgelux SMD 3030 diodes with 8 cores**, with which powerful lighting without glare is guaranteed.

Made of pure aluminium, the module is perfect for providing great resistance for a long period of time, protecting it against oxidation and corrosion, even facing the extreme temperatures that occur both in summer and winter.

Its IP66 degree of protection protects the product against the entry of dust as well as resisting water, so its outdoor mounting is perfect.

It has a 65W Philips XITANIUM **Essential - Xi EP - Programmable Driver that allows you to program its power in a single section from 49W to 65W.**

High quality Driver Philips Xitanium Xi EP 65W - Programmable from 49W to 65W:

Technical Datasheet

The Xitanium Essential Programmable LED Driver 65W is a programmable LED driver from Philips Advance . Its main features:

1. Output power: The Xitanium Essential Programmable LED Driver offers a wide range of output powers, from 49W to 65W.
2. 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.
3. Energy Efficiency: The Xitanium Essential Programmable LED Driver meets the most stringent energy efficiency requirements, such as those set by ENERGY STAR® and the NEMA SSL 7A standard.
4. 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.
5. Protection: The Xitanium Essential Programmable LED Driver offers protection against over-voltage, over-current and short-circuit, which guarantees a safe and reliable operation.
6. Compact Design: The LED driver has a compact and lightweight design, making it easy to install in tight spaces.

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. Surges. 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.

Benefits of the Philips Xitanium Xi EP 65W Driver - Programmable from 49W to 65W:

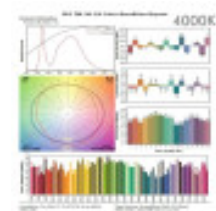
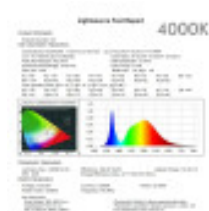
- Reliable, repeatable output current setting, saving labor costs and manufacturing time.
- Easy to design and reduces the number of SKUs. (Stock Maintenance Unit).
- Low maintenance cost and peace of mind in extreme conditions.
- Safe to use and provides luminaire design freedom.
- 5 year warranty.

Uses of the 65W BRIDGELUX Chip SMD3030 8D LED Optical Module for Streetlights

- Indoor lighting: It can be commonly used to power LED luminaires in offices, commercial buildings, hospitals, shopping centers and other indoor spaces, in fact, this module can be placed inside existing luminaires that require stable and safe operation in the time.
- Outdoor lighting: Due to its ability to withstand harsh weather conditions, the Philips XITANIUM optical module 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 Essential 65W optical module 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.

At FactorLED we ensure that our product has a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet for each LED product.

Additional images:



Technical Datasheet

