

# LED LIGHT ENGINE TECOH® CFX

CF0112/CF0112d/CF0120/CF0120d

**MEGAMAN®**

## Instruction Manual

### TECHNICAL SPECIFICATION

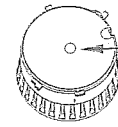
Model Number	CF0112	CF0112d	CF0120	CF0120d
Lamp Base	PHJ65d-2	PHJ65d-2	PHJ65d-2	PHJ65d-2
Rated Current	80mA	100mA	130mA	150mA
Voltage	220-240V~	220-240V~	220-240V~	220-240V~
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Wattage	15W	20W	26W	30W
Rated Operating Temperature	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C
Case Temperature (Tc)	65°C	65°C	65°C	65°C
Dimming Format	N/A	100-10%	N/A	100-10%

\* CF0112d and CF0120d are Zhaga Interface Specification Book 2 Certified.

CF0112 and CF0120 are designed in line with Zhaga Interface Specification Book 2 Certified. Please refer to [www.megamanlighting.com/OEM](http://www.megamanlighting.com/OEM) for the progress of certification.

**Zhaga**

Zhaga Interface Specification Book 2 Certified\*



Case Temperature (Tc): 65°C

### CAUTIONS

- Read the entire manual and fixture design manual (please visit [www.megamanlighting.com/OEM](http://www.megamanlighting.com/OEM)) carefully before installation and operation.
- It is recommended that the installation or replacement be performed by a licensed and qualified electrician.
- Switch off the power before installation, replacement and cleaning.
- Wearing gloves during installation is suggested to keep the LED light engine in the best condition.
- Before replacement of the LED light engine, turn off and allow it to cool down. Heat-resistant gloves are mandatory when handling the LED light engine.
- Heatsink is required to light up the LED light engine.
- Linear dimming from 100% to 10% is available when MEGAMAN® LED light engine CF0112d and CF0120d work with conventional dimmers. Please visit [www.megaman.cc/user-guide](http://www.megaman.cc/user-guide) for compatible dimmer lists.

Due to possible variations in country dimmer module specifications, please contact your local distributor for a list of compatible dimmers before installation.

- The minimum safety distance from the illuminated object is 0.1m.
- In case of discrepancy in the weight of the LED light engine that you intend to replace, it is recommended to check the maximum loading of the luminaire before installation to avoid any unstable mechanical function caused to the luminaire.
- The manufacturer accepts no liability for any injuries or damages resulting from the incorrect use of the LED light engine or use of the LED light engine in combination with inappropriate equipment.
- Consult your dealer if you have any enquiries.

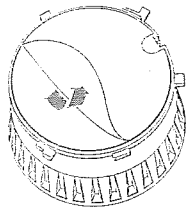
### ATTENTION

- Instant start and restart are allowed.
- Designed for indoor application.
- The operating temperature for the LED light engine is -30°C to +40°C.

- The maximum wattage of the lighting system is 15W for CF0112, 20W for CF0112d, 26W for CF0120 and 30W for CF0120d.

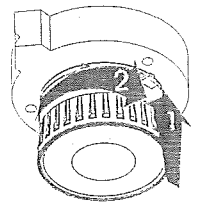
## Installation

- Make sure that the mounting surface between the LED light engine and the luminaire is flat, dry and clean. Remove the sticker from the base plate of the thermal pad cover before use.



Step1

- Snap in the LED light engine into the luminaire and match with the slot of the luminaire. There will be a sound "Click" if the LED light engine and the luminaire is locked.



Step2

### Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

NEONLITE ELECTRONIC & LIGHTING (HK) LTD.

31/F, AIA Kowloon Tower, Landmark East, 100 How Ming Street, Kwun Tong, Kowloon, Hong Kong



8010CF012C GB