



GlacialLight Releases Brand New LED Flood Light Series with Philips Lumileds Chips

-Indoor/Outdoor Energy Efficient Flood Lights in Three Varieties-



**Philips Lumileds LED*

January 17, 2012, Taipei, Taiwan -GlacialLight, a sub-division of the experienced technology manufacturer GlacialTech Inc., is pleased to announce a new **LED Flood Light Series** using **Philips Lumileds LED Chips** - the **GL-FL12**, **GL-FL30**, and **GL-FL120**.

The GlacialLight Flood Light Series provides a direct indoor and outdoor replacement solution for outdated mercury lamps. With Philips Lumileds LED Chips efficiently converting electricity into light, GlacialLight's Flood Light Series produces natural-looking light for over 30,000 hours. When used for eight hours a day these LED floodlights last for over a decade, lowering maintenance cost.

Shining high quality cool white light while using less energy than traditional lighting, the GL-FL12 (13W), GL-FL30 (27W), and GL-FL120 (110W) are equivalent to 50W, 75W, and 300W mercury lamps, respectively. Not only does this GlacialLight series help to reduce energy consumption, but also with a color temperature of 6000K and a color rendering index of at least 70, people and objects will look more natural in the gentler LED light with no perceptible flickering.

With the environment in mind GlacialLight designed the Flood Light Series to contain no hazardous chemicals, such as mercury, or harmful radiation emissions such as UV or IR, making them more eco-friendly than traditional lighting. The Flood Light Series is also more economically friendly, consuming less power while providing more light, than traditional lighting products.

GL-FL Navi Series LED Flood Light Features:

- Indoor & outdoor use
- High power efficiency > 90%(GL-FL120); >80% (GL-FL12 & FL30)
- LED chips by Philips Lumileds
- Long life span: >30,000 hours



- Ideal replacement for mercury lamps
- Cool easy on the eyes light & no warm-up
- Eco-friendly: No UV, no IR, & no mercury

Specifications

Type	GL-FL12-CW	GL-FL30-CW	GL-FL120-CW
Energy Used	13W	27W	110W
Rated Life	30,000 Hours		
Input Voltage	100-240V AC	100-240V AC	100-277V AC
Power Factor (PF)	0.85 @120V AC, 0.75 @240V AC	0.92 @120V AC, 0.7 @240V AC	0.98 @120V AC, 0.94 @240V AC
CCT	6000K		
Luminous Flux (lm)	750lm	1900lm	8000lm
Luminous Efficacy	57.7lm/W	70.4lm/W	72.7lm/W
CRI	> 70	> 70	> 70
Dimension	115x85x85	225x185x120	290x365x105
Beam Angle	30° / 60°		
Net Weight	550g	2Kgs	6.5Kgs

Excellent LED lighting products you can trust

Design of LED lighting products is based on three core technologies including electrical design (LED drivers), mechanical design (cooling devices), and optical design (lamp holders), respectively performed by GlacialPower, GlacialTech, and GlacialLight in the GlacialTech family. With the three core technologies in hand, GlacialTech has integrated all the resources required for exceptional designs and manufactures excellent LED lighting products you can trust.

Advantages and benefits of LED lighting compared to traditional lighting

- Directional lighting: ideal for flashlights/torches and spotlights
- No warm-up time in cold environments: LEDs don't require warm-up time like conventional CFLs
- No harmful radiation and no hazardous metals: LEDs don't emit harmful radiation such as Ultraviolet or Infrared emitting halogen lamps and don't contain hazardous metals such as mercury contained in mercury lamps
- Extremely long lifetimes free users from frequent bulb replacement
- Extremely small carbon footprints: an environmentally-friendly technology

Product photos and detailed specs are available at:

<http://www.glaciallight.com/products/PD002.htm>

About GlacialLight



GlacialTech Inc., is a diversified provider of cooling, power supply, and PC enclosure solutions for consumer and industrial applications. Having established strong relationships with LED semiconductor Co.'s, thermal, SMPS and mechanism technology leaders worldwide, GlacialTech leverages world-class engineering, efficient manufacturing and highest-quality materials to provide high brightness, low power LED lighting solutions for indoor, outdoor and other customized applications under the GlacialLight brand. Please visit the company homepage at www.GlacialLight.com.