

## GlacialTech expands to a brighter LED future



**May 2008- GlacialTech Inc,** is announcing its entry into the market of finished LED products under its new sub brand GlacialLight. Through a cohesive combination of their resources, GlacialTech has leveraged the GlacialLight brand with the introduction of their innovative Light Emitting Diode (LED) luminaries.

### Wide product range under development

GlacialTech is developing a comprehensive range of products under the GlacialLight brand, stretching from street lighting solutions to all forms of industrial and architectural lighting. The products on offer and in development include serious product enhancements over the current range of competing products available on the market, such as MR16/ PAR30/ PAR38/ BR30/ BR40/ T8 Tubes and Spotlights to name a few.

These LED products will retain the customary shape and design of standard globes to allow easy replacement of legacy products. The product line will contain replacements for standard light bulbs and tubes for homes and offices. Included in the lineup is some innovative bicycle lighting which incorporates emergency cell phone charging capabilities as well as camping functionality.

TYPE	Watt s	Saving Energy	life time(hrs)	times
MR16	50		2500	
LED-MR16	3.5	93%	30,000	12
PAR30	75		3000	
LED PAR30	10.6	86%	30,000	10
PAR 38	120		3000	
LED PAR38	21.1	82%	30,000	10
BR 30	75		3000	
LED BR30	10.6	86%	30,000	10
BR 40	85		3000	
LED BR 40	21.1	75%	30,000	10
T8 2 feet	20		6000	
LED T8 2 Feet	11.7	42%	30,000	5
T8 4 Feet	40		6000	
LED T8 4 Feet	23.5	41%	30,000	5

Some of GlacialLight products compared with traditional lighting efficiency

## **Experienced electronics manufacturer**

To ensure the best performance and long life time of LED luminary products requires efficient and consistent cooling of the LED, while a durable quality power supply is also essential. As experienced manufacturer of PC cooling and power supplies GlacialLight has leveraged the resources required to create quality LED lighting products combining the exemplary cooling capabilities with durable power unit designs to create optimal solutions for the most demanding of lighting products.

## **Advantages of LED compared to traditional lighting**

LED lights offer the following advantages and benefits compared to traditional globes (Filament) and compact fluorescent Lamp (CFL) products, such as directional lighting, which is ideal for torches and spotlights. There are no starting problems in cold environments because LED's are "Instant on" with no warm up time needed as seen in conventional CFL lighting. In addition, LED lighting solutions do not contain environmentally hazardous metals such as mercury or sodium and do not emit potentially harmful Ultraviolet radiation or Infrared radiation like Halogen lamps. Another benefit is the extremely long life cycle of around 30 000 hrs which lowers maintenance costs in the long term.

The GlacialLight LED product range offers considerable power savings while extending long product life cycles under normal conditions. The advantages of LED lighting adding to the lowering of the world's carbon footprint cannot be underestimated.

## **About GlacialLight**

GlacialTech Inc., is a diversified provider of cooling, power supply, PC enclosure solutions for the 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. For more information visit [www.glaciallight.com](http://www.glaciallight.com)

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