

Eco-Friendly Solution Provider

GlacialTech is committed to playing the role of an eco-friendly solution provider and stands steadfastly to "Green Promise" to keep away from harmful manufacturing processes that jeopardize our precious environment.













Overview

GlacialTech Inc., established in June 2001, is a diversified provider of cooling, power supply and PC enclosure solutions for consumers and industrial applications. Its technological areas of expertise include specialized thermodynamic theory, mounting and soldering technologies, mechanism design, test and verification environment buildup as well as advanced thermal conduction material development.

Having established strong relationships with LED semiconductors suppliers as well as thermal, SMPS and mechanism technology leaders worldwide, GlacialTech leverages world-class engineers, efficient manufacturing capabilities and finest-quality materials to provide its high brightness, high efficacy LED lighting products for indoor, outdoor and other customized applications with an optimal balance between performance and cost.

















Company Profile



Headquarter:

GlacialTech Inc.

9F, No. 352, Sec. 2 Zhongshan Rd. Zhonghe Dist., New Taipei City, Taiwan,

23557

Established: 2001

Capital: US\$ 3.2 Million

Quality Certified: ISO 14001 & ISO 9001

Subsidiary Company:

GlaicalTech (China)

深圳市福田区皇岗路高科利花园大厦高雅阁9C

Major Production Lines:

LED lighting products

LED driver / Open frame / Battery charger

Cooling solutions for PC, consumer and industrial equipments













Missions



Specialty

GlacialFamily always does its level best to assure all of its customers of the highest quality, reliability & customers' satisfaction.

Quality

Provides advanced technology and excellent material consultants as well as shares successful experiences with customers.

Responsibility

Customer first, high added value service orientation.

Environment Protection

GlacialFamily is committed to be an eco-friendly solution provider and keeps away from harmful manufacturing processes that jeopardize our precious environment.

Efficiency

To raise company's core competitiveness, all the staffs do their level best all the time to upgrade the quality and velocity of research & development.





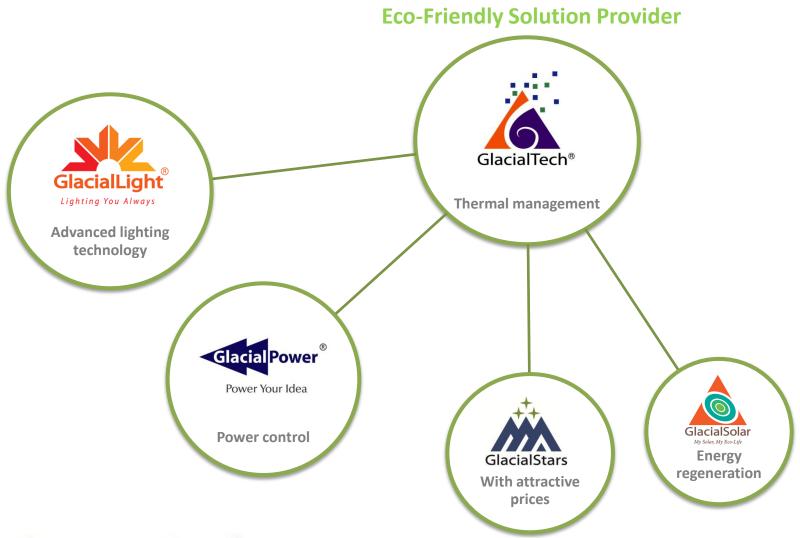
























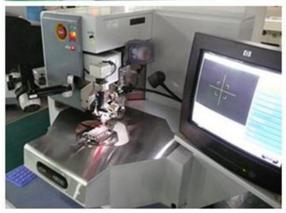
Production Lines Snapshots

Production lines are furnished with automatic testing equipments strictly monitoring product quality and reliability to bring peace of mind to customers.

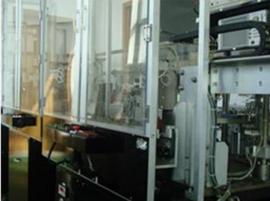


















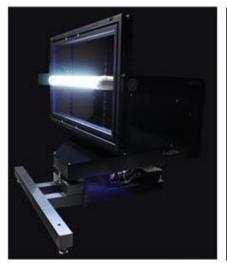




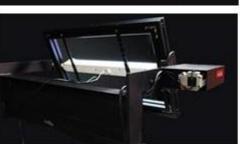


Optical Instruments

Efficient measurement of light source near-field color and luminance distributions for optical design and simulation.















Benefit: The measurement is performed from within the near-field of the light source, enabling a compact measurement setup and facilitating optical analysis and design.









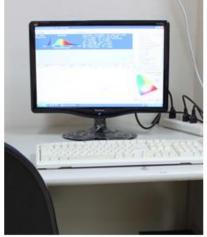




Integrating Sphere Measurement System

GlacialTech has a 0.3m and a 1.5m integrating sphere. The 0.3m integrating sphere is mainly used to confirm the due qualities of LED chips and the 1.5m integrating sphere is mainly used to verify the due properties of LED lighting products designed.



























GP Test Instruments



CHROMA model 8000 SMPS auto test system (right) Giant force temperature & humidity chamber (left)



TEKTRONIX TDS 5034B Digital Phosphor Oscilloscope



CHROMA model 6530 programmable AC source



TEKTRONIX TDS 7054 Digital Phosphor Oscilloscope



CHROMA 6314 DC Electronic Load



CHROMA model 6630 Power Analyzer (up)











Certificates



ISO 9001



ISO 14001







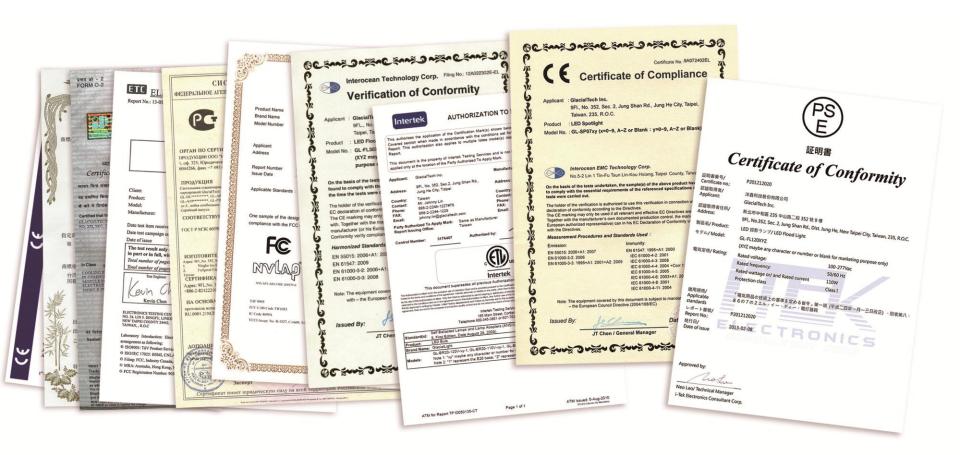






















GP Certificates









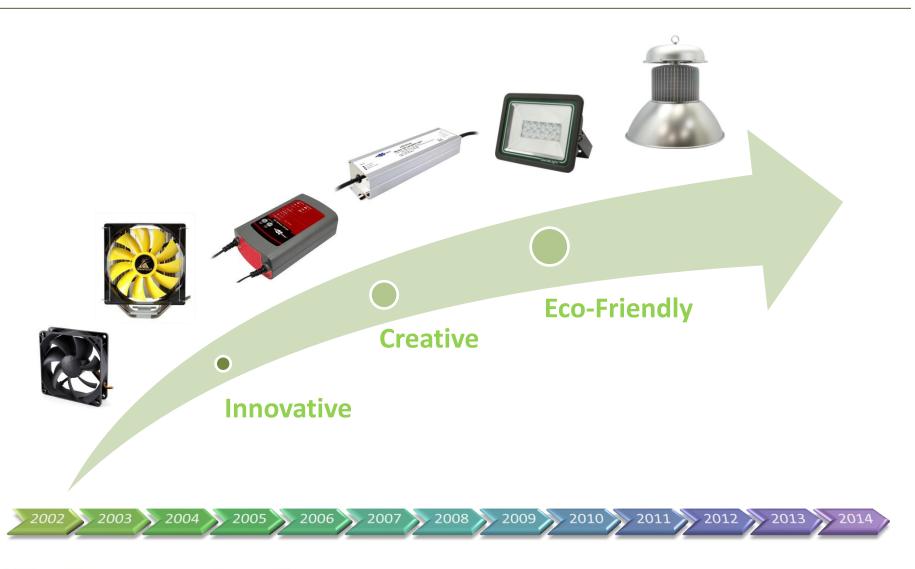






Achievements

















Innovation & Diversification Objectives

All GlacialFamily products comply with governmental safety and EMI regulations.



High Efficiency: Enhancing efficiency to reduce power. High Reliability: Increasing reliability & lifetime to reduce material waste.

Super Silence:

Striving for ultimate silence to provide users with noise-free environments.





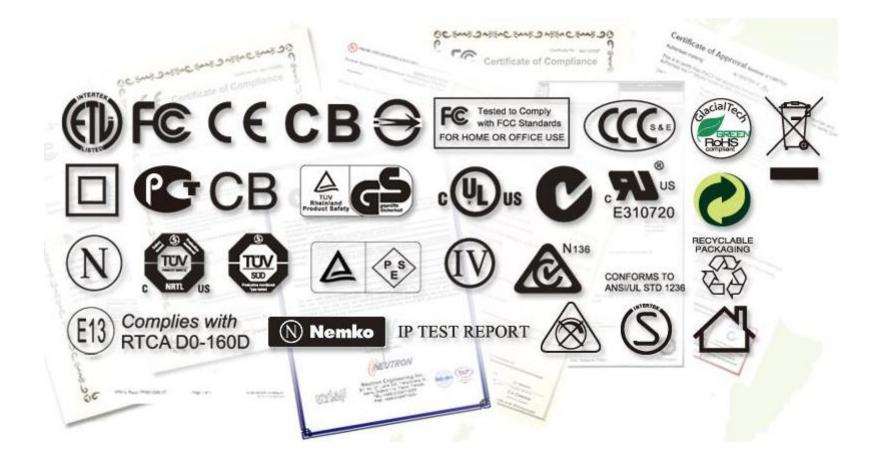






Safety Approvals





























Products & Solutions



Desktop CPU Cooler

- Multi-platform Solutions
- Intel CPU Cooler
- AMD CPU Cooler







Cooling Pad

- Igloo Pad Series
- M-Flit Series
- V- Shield Series
- SnowPad Series

















Products & Solutions



DC Fan

- Fix Speed Fan
- PWM Fan







Thermal Grease

- Ice Therm I
- Ice Therm II





Server Cooler

- LGA 771
- LGA775
- LGA1156
- LGA1366















Products & Solutions



Tailor-made Solutions

- Soldering
- **■** Extrusion
- Skived
- Stamping
- Die-Casting
- Thermal solution for all in one PC
- Thermal solution for laser
- Thermal solution for communication devices
- ■Stack Fin Module





Chassis

- Chassis (Tailor-made Solution)
- LCDPC Chassis
- Chassis Solution of Terminal System















Visited and Appreciated by President of the Russian Federation Enlighten Your Humanity

The President of the Russian Federation, Dmitry Medvedev, who visited to one of the biggest Russian System Integrator's factory in Obninsk which produces personal computers, workstations, monoblock PCs, servers, storage systems, i-kiosks and other computer equipment, gave a high appraisal to the products where GlacialTech's cooling systems are used.

The latest monoblock systems – the first in Russia which combine a monitor and a powerful computational system, use low-profile combined coolers from GlacialTech with compact ribbed heatsinks and heatpipes. GlacialTech's coolers used in modern systems, effectively remove heat from the CPU and critical components delivering efficient and almost noiseless cooling.

















GT Patents





























Typical Products Lineup



LED Driver Module

■General Type
HS/LE Series
LC /LV Series

■Terminal Type
LC /LV Series

■ PFC Function (Isolation cable)
RS Series

■PFC Function Type
HS/LS/LP Series
LS50/70/100/150/200P Series

■PFC + High Voltage Output LS100PH/LS150PH Series

■PFC + C.V mode dimming LP60P Series

■PFC + 4 Step dimming LP60P Series

■PFC + 3 in 1 dimming (Isolation cable)
RS Series

■PFC + AC Dimming Type
TS/TL/TH Series

■PFC + DC Dimming Type LS/HS/LP Series

■DC-DC LED Driver LD Series

■DALI Interface GL-DA02 Series























Typical Products Lineup

Battery Charger

■12V Charger

FA1210 Series

CZ1204 Series

CZ1206 Series

■24V Charger

FA2407G Series FA2407S Series

CZ2404 Series



Open Frame Power Supply

■Single Output

25 /45 /60 Watts AC-DC Single Output













GP Patents

























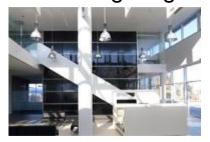




GlacialLight Product Line



Interior Lighting



- + AR111-V2
- Bay Light
- Down Light
- Panel Light
- Troffer Light
- Track Light

Exterior Lighting



- Flood Light
- Wall-mounted luminaires

Lighting Control



DALI Interface Converter

SKD Solutions



- Thermal Components
- Lighting Modules
- Lens
- Thermal Pastes











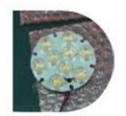
GlacialLight Cares



Lighting You Always







LED Board Assembly

LED Board Assembly (with Lens Cover)













Power Board Assembly

Shell Assembly

Burn in

High Voltage Leakage & Breakdown Test

Power Consumption & Power Factor Test











Fixed Socket Base

Led Cover Assembly

Barcode

Outlook Viewing Check

Barcode











LED Lamps



■Non-Dimmable

GL-AR111-V2AN-9 Series GL-AR111-V2AN-12 Series GL-BR30 Series GL-BR40 Series

■AC-TRIAC Dimmable

GL-AR111-V2ADL-9 Series GL-AR111-V2ADH-9 Series GL-AR111-V2ADL-12 Series GL-AR111-V2ADH-12 Series GL-BR30D Series GL-BR40D Series















LED Down Light



■AC input: Non-Dimmable

GL-DL04 Series

GL-DL06 Series/ GL-DL06-SM Series

GL-DL08 Series/ GL-DL08-SM Series

GL-DL10 Series/ GL-DL10-SM Series

GL-DL06-IP Series

GL-DL08-IP Series

■AC input: Dimming Solutions

(AC-TRIAC / 3 in 1 Dimmable)

GL-DL04D Series

GL-DL06D Series/ GL-DL06D-SM

GL-DL08D Series/ GL-DL08D-SM

GL-DL06D-IP Series

GL-DL08D-IP Series

■DC input: Non-Dimmable

GL-DL04LD/GL-DL04LD-SM Series

GL-DL06LD/GL-DL06LD-SM Series

GL-DL08LD/ GL-DL08LD-SM Series

GL-DL06LD-IP Series

GL-DL08LD-IP Series















Surface Mount (SM Series)

















LED Panel Light / LED Troffer Light

■Non-Dimmable

GL-PL0303 Series

GL-PL0306 Series

GL-PL0312 Series

GL-PL0606 Series

GL-TL0606 Series

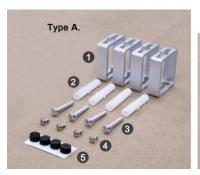
■DC-Dimmable (1-10V/ PWM/ Resistor)

GL-PL0303DA Series

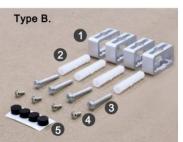
GL-PL0312DA Series

GL-PL0606AD Series





PL Ceiling Accessories
For all Panel Light Products



Suspension CablesFor all Panel Light Products



Suspension Cables
For Troffer Light Products















GL-WL1012 Series
GL-WL1012S Series

















LED Flood Light



■AC input

GL-FL12 Series

GL-FL30-V2 Series

GL-FL60 Series

GL-FL120 Series

GL-FL180 Series

■DC input

GL-FD12 Series
GL-FD30-V2 Series

■PIR Sensor

GL-FL12S Series
GL-FL30S-V2 Series







Can be integrated into solar application, directly connect to the battery without requiring a PV inverter.











LED Bay Light

GlacialTech® Enlighten Your Humanity

- GL-BL110 Series
- GL-BL220 Series











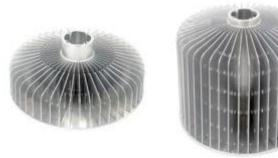




SKD Solutions



- Thermal Components
- Lighting Modules
- Lens
- Thermal Pastes





















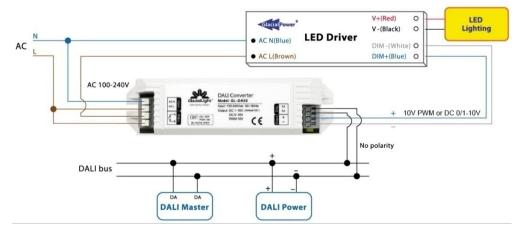


Lighting Control



■ DALI Interface Converter















GL Patents



















- Emergency Lighting
- Explosion Proof Lighting Fixtures































■ The largest Taiwan expressway service area (Dongshan) is redecorated with GlacialLight LED bay light, flood light, down light, AR111 and MR16(Tainan, Taiwan)

























■ GlacialLight TL0606 troffer light installed at famous "Smart" supermarket chain stores located in Batumi city. (GEORGIA)





■ GlacialLight bay light of GL-BL110 (WW) installed at famous trading network shop Kotryna in the PANORAMA shopping mall. (LITHUANIA)

















■ GlacialLight GL-BR30 installed at PORSCHE Showroom (Florida, USA)







■ GlacialLight GL-BR30 installed at Long Beach Convention Center (USA)

















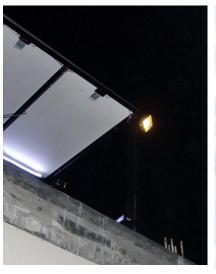


■ GL-SP30 Used for Solar PV Billboard (NORTH SUMATRA, Medan city, Setiabudi site)





■ GL-SP15 used for Solar PV Power System (WEST JAVA, Puncak city, Setiabudi site)





■ GL-SP30 Used for Solar PV Signboard (BANTEN, Tangerang city, Paramount Center site in INDONESIA)



















■ Heritage Awali Golf & Spa Resort with GlacialLight GL-SP07 (Domaine de Bel Ombre, Mauritius)







■ GlacialLight GL-FL120 LED flood light is used for billboard lighting at Suy Sing Commercial Corporation in Paranaque city (Philippines)



















■ GlacialLight GL-DL04 are used for down light at whole building's windows (London)







■ GlacialLight LED bay light of GL-BL110 are installed at supermarket in NY. (NY, USA)



















■ GlacialLight Flood Light installed at Spandau Arcaden Shopping Center (Germany)





■ GlacialLight Downlight installed at The Bank of BANCO POPULAR DOMINICANO (Dominican Republic)

































Principle (Goal)

Our clients are located in all parts of the world. Irrespective of whether a business is small, medium or large or whether the business is a local, regional or global organization, we can meet their needs. GlacialTech specializes in end-to-end industry-specific solutions and specific know-how, which helps our clients increase their profitability by giving them a competitive edge.

The world these days feels smaller and smaller, and the pace of business is becoming extremely fast. This environment offers constant challenges to companies, some which are particularly fierce and can be difficult to overcome without strategic planning. Our constant strive for efficiency as well as willingness to collaborate, innovate, and think strategically in order to stay ahead of the curve makes us the ideal partner for your company in seeking to overcome present day challenges. To help you expand and meet your challenges is the way we reach our own success.













Thanks for Your Attention











