

OPTOTECH



1983

A SPECIAL COMPANY IS BORN

WHO WE ARE?




Opto Tech Corporation (OPTOTECH) has been offering optoelectronic semiconductor integrated solutions, from epitaxial materials and chips manufacturing, component packaging, to LED applications, since its founding in 1983. Beginning with the production of light-emitting diode dies at the Hsinchu Science-Based Industrial Park, Taiwan and still headquartered at the same Park now, OPTOTECH has been in the global market for large sized LED displays since 1991. With three decades of production and sales experience, OPTOTECH prioritizes customers' requirements, produces second to none quality products and offers exceptional after-service support.



OPTOTECH does more than just provide our customers with the products they need; what really makes OPTOTECH stand out from the crowd is the close interaction and collaboration between production and sales, which enables the company to build long-term partnerships with its customers based on mutual trust. Across the whole gamut of customer relations, product quality management, production volume, environmental protection, etc., OPTOTECH's integrity and innovation makes it possible to maintain our high standards and fulfill our commitments, as we work together with our customers to create value and build a better future.

AUGMENTED REALITY

HOW TO USE

1. Download "BAR Pod 3D" from  or  and subscribe to "OPTOTECH" s channel"
2. When you see  icon, point your device at the trigger image.
3. Watch the image come to life as video content.
4. Double tap to view full screen.



BRAND VIDEO 2015



★ OPTOTECH

Name: Opto Tech Corporation

Founded: December 1983

HQ address: No. 1, Li-hsin Rd. V, Hsinchu Science Park, Hsinchu, Taiwan

Number of employees: 1,400

Capital input: TWD 5.45 billion

Major product lines:

LED Chips, Silicon Sensor Chips, LED Components,
Displays and Lighting



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VISION

Our Story

A WHOLE NEW BRAND IMAGE THAT
CONVEYS EVERLASTING POSITIVE
OUTLOOK

With glory and joy, OPTOTECH is launching a whole new brand image to celebrate its 30th birthday and to demonstrate its pro-active and vigorous power in facing the coming future.

Confident of being the reliable brand of choice for its partners, OPTOTECH has been servicing its customers by focusing on people since its foundation three decades ago. The new image maintains this founding spirit with a pro-active upward and forward leaping gesture and embracing hands.

A bright
tomorrow



Further to the original corporate identity color of blue, an auxiliary gradient from blue to yellow is added to indicate that OPTOTECH is injecting more and more new energy. In addition to its existing characteristics of rationality and reliability it seeks to create more brand value via "professionalism, trustworthiness, innovation, and flexibility" with even more powerful strength.

In this new business identity the slogans of "A bright tomorrow" and "Let your ideas shine" present OPTOTECH as a optoelectronic business based brand. In each and every product and service offered by OPTOTECH, the aim is to fully understand customer requirements, provide fully integrated solutions and creates value together with its customers and to arrive at a brighter future.

Let your ideas **shine**

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TURNING POINTS

1980s

Founded in 1983, OPTOTECH pioneered the wafer and grain dicing sector of the LED industry in Taiwan since its early start-up period.

1990s

When the Taiwanese LED industry shifted its focus to the upper stream production of Epitaxial, OPTOTECH led the application sector with large sized LED displays to broaden its product family. It also started to enter the global market during this period.

2000s

Expand cooperation with Nichia and Hitachi Metals into a materials supply partnership. Being authorized as the exclusive chip manufacturer of Nichia in Taiwan for grain products without any patent breaching.

2010s

Addressing the global trends in green energy and environment, OPTOTECH enters the LED lighting system integration and development by combining existing techniques in optoelectronic, sensor, applications, and applying for the development of the next generation materials and packaging skills.



OPTOTECH



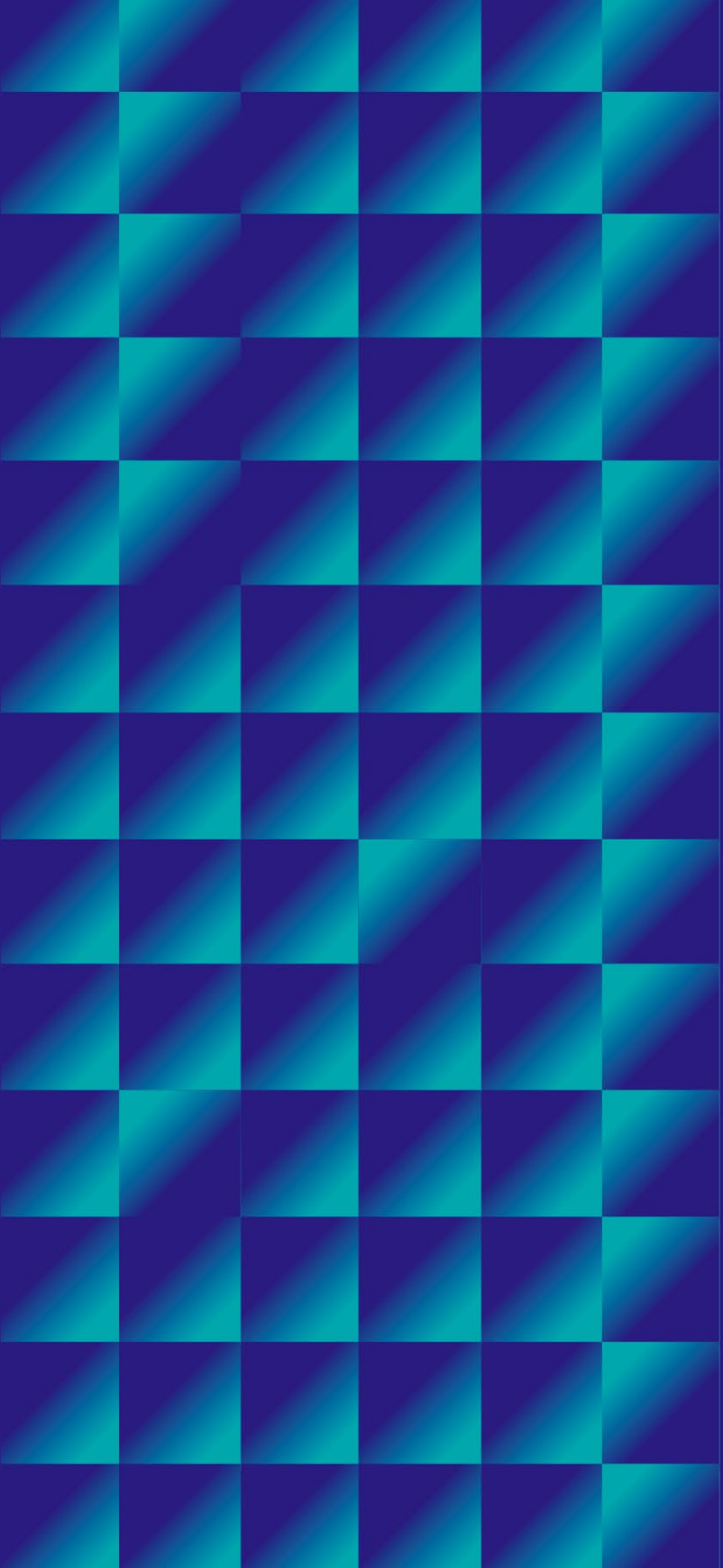
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**DECADES
OF EXCELLENCE**

Outlook

In the last 30 years, OPTOTECH has been winning customers' faith in our brands with most requirements-specific solutions based on our full devotion and comprehensive resources and continuous innovation. Through our customers' powerful creativity and design strength, OPTOTECH's products, from components to finished goods, have been applied in daily life and sold to the whole world.

To welcome the generation of fundamental requirements in green energy, low carbon and energy savings, OPTOTECH shall strive to enhance its integration solution to come up with smart and energy saving LED products to provide customers with the most efficient services and products as well as to meet consumers' desires for a safe and comfortable life. OPTOTECH is devoted to face the global trend of "LOHAS, environmental protection, and planet earth friendliness".



3.5 BILLION

LED Chips Monthly

LISTENING TO YOUR NEEDS
TO PURSUE EXCELLENCE!

OPTOTECH produces more than 3.5 billion LED chips every month, many of which are produced to meet standard industry requirements. However, what really count are the products which are custom made for, and together with, our clients. These products are developed through technological cooperation and profound trust between all parties. Should you be interested in unique products which are not available in the market, we are an ideal partner.

	PRODUCT	APPLICATION SCOPE
VISIBLE LED CHIPS	InGaN (green, blue) AlGaInP (red, orange, amber, greenish yellow, pure green) GaP (red, greenish yellow, standard green, pure green) GaAsP (red, orange, reddish orange, amber) AlGaAs (SH, DH, DDH)	Full-color light-emitting diodes, digital displays, dot matrix displays, fax machine light source displays, indicator components for consumer products including home appliances, communications and computers, interior lighting and tail lights, monitors and TV backlighting, 3C products flash light, projector light source, lighting for agricultural plants and fishing, all kinds of indoor and outdoor lighting.
INFRARED LED CHIPS	AlGaAs (Infrared) GaAs (Infrared)	Remote control components for infrared emitting diodes, photo couplers, photo interrupters and infrared lighting applications.

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**INTEGRATION
THE KEY TO PROGRESS**


Silicon Sensor Chips

FOCUS ON QUALITY AND
TECHNOLOGICAL ADVANCEMENT!



By integrating advanced silicon Epitaxy technology from a Japanese firm in 1996 and OPTOTECH's existing resources, the new integration is getting high recognition from customers in Japan and the output has increased regularly from month on month.

PRODUCT	APPLICATION SCOPE
PHOTO DIODE CHIPS	Receiver module, position sensor, IrDA, fiber optic transmission system
PHOTO TRANSISTOR CHIPS	Photo couplers, photo interrupters, industrial electronics
PHOTO TRIAC CHIPS	AC motor drives, solid state relays
JUNCTION FET CHIPS	Condenser microphones
POWER MOS FET CHIPS	MOS relay devices
ZENER DIODE CHIPS	LED ESD protection, regulators
SCHOTTKY DIODE CHIPS	Rectifier, high speed switches
RESISTOR CHIPS	LED lighting application
INFRARED RADIATION SENSORS	Ear thermometers, rapid temperature measurement, temperature sensors for appliances and automobiles



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**COMPREHENSIVE
AND ADVANCE LED SOLUTIONS**

LED Components

NON-STOP INNOVATION DRIVEN BY
IMPROVED LIGHTING QUALITY AND A QUALITY LIFE!



OPTOTECH
CORPORATION

With advances in materials science and sharp improvements in LED luminous efficiency, the single chip high power packaging and multi-chip array module have become the center of lighting technology development. This leads to even broader application of LED light source from conventional outdoor displays, indicator lights and mobile phone light sources to the display's backlight source, building landscape lighting and living lighting. Featuring low power consumption, durability, and environmental protection, LED has determined the future of lighting applications.

OPTOTECH's packaging endeavor makes the most of vertical integration of its profound experiences and techniques in optoelectronics, silicon-electronics and systems operations to improve on product performance and packaging quality and offer the most competitive solutions for its customers..

PRODUCT

- UV, IR, Visible (R, G, B, Warm white, Cool white) emitters
- Eutectic flip-chip packages
- Chip on Board (COB) modules
- Emitter on Board (EOB) modules

APPLICATION SCOPE

- Full range of indoor and outdoor lighting applications
Downlights / Low bay lights / High bay lights / Spot lights / Roadway and parking lights
- Large size TV, display backlight lighting, 3C product's flash light and projector's light source
LCD-TV backlight / Flash lights / Micro projector light engines
- Scenario medical, cosmetic and skin care, monitor light source
UV lights / IR lights / CCD lamps
- Agriculture and fishing lighting
LED grow lights / Fishing gathering lamps

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SHOWCASING CREATION
IN FORTY NINE COUNTRIES

Displays And Lighting

YOUR CREATIVITY MAKES US PROUD!

OPTOTECH has installed over 1,500 LED display and lighting systems and brought about a host of creative ideas from architects and lighting designers in 49 countries since it debuted its first large sized LED display in 1991. Thanks to its profound background technique and the ability of its R&D team to innovate, OPTOTECH provides you with more than ordinary products. We understand that you need more than a manufacturer. You need a partner who boasts flexible development capacities to help you realize your most intricate and creative architectural ideas.

TAIWAN PAVILION EXPO IN HSINCHU
EXPERIENCE THE FUN OF AUGMENTED REALITY.



Display Can Be Designed In Accordance With Buildings

CHINA MACAU MGM CASINO

Products: Display: P16 mm
IRISin Tube : 1000 , 750 , 500 , 250 mm
Dimension: (W) 22.5 m x (H) 12.3 m
(W) 4.3 m x (H) 3.9 m x 2 sets
Date: 2007.12



Stands At The Cutting Edge Of Fashion

USA NEW YORK TIME SQUARE

Pitch: P10.125 mm
Dimension: (W) 13.6 m x (H) 13.6 m x 2 sets
Date: 2013.01

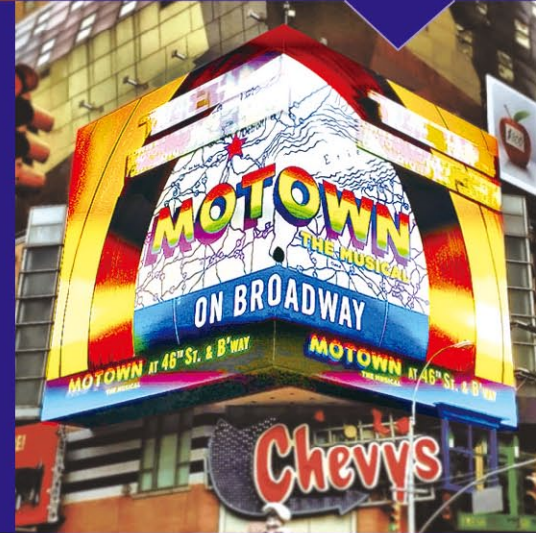


PRODUCTS

- LED displays
- LED architectural and stage lighting
- LED luminaries
- LED automotive lighting
- Others

APPLICATION SCOPE

- Buildings
- Commercial spaces
- AV entertainments
- Exhibitions and shows
- Transportation
- Media and advertisement



Broadcasting Brilliant Moments In Time

USA PHOENIX SUNS

Pitch: P16 mm
Dimension: (W) 8.96 m x (H) 5.12 m x 2 sets
(W) 6.144 m x (H) 3.584 m x 4 sets
(W) 21.76 m x (H) 3.584 m x 2 sets
(W) 2.816 m x (H) 1.792 m x 4 sets
Date: 2013.09



Breaking The Guinness Book Of Records By Combining Monochromatic Façade With Music

CHINA HONG KONG ICCTOWER

Product: IRISin Tube
Pitch: P120 mm
Building Size: 118-storey-tower (484 m)
Date: 2011.11

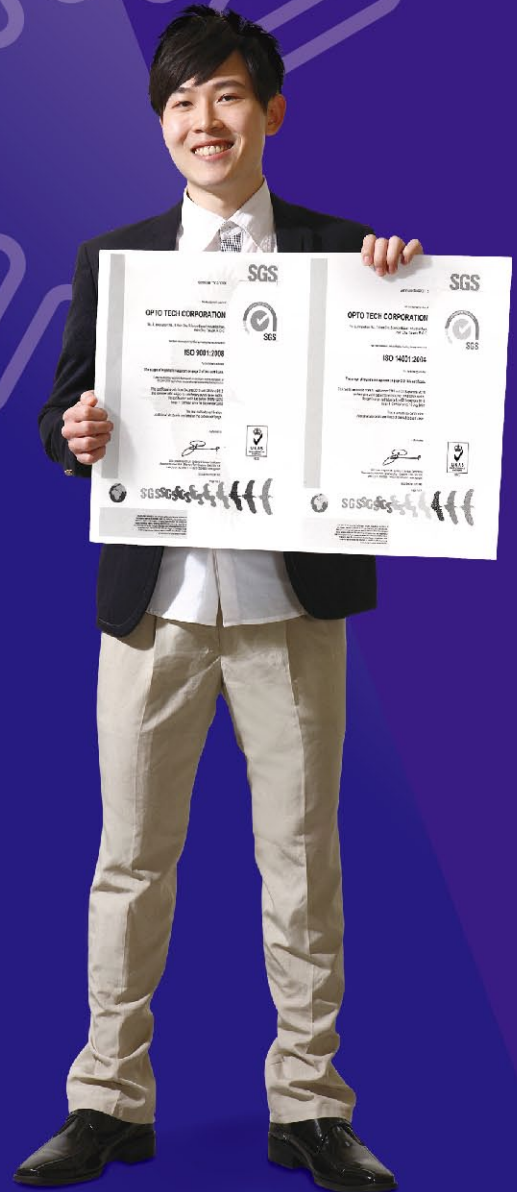
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RELEVANT CERTIFICATES COMMITTED TO EXCEEDING STANDARDS

HIGH QUALITY PRODUCTS BACKED BY PEOPLE WHO REALLY CARE

With certifications from eight quality operation and environment protection relevant international standards, OPTOTECH is committed to quality and environmental safety and health which, in turn, demonstrate our attention to our customers' product requirements.

- ISO 9001 Quality Management System
- ISO/TS16949 Automotive Quality Management System
- ISO 14001 Environmental Management System
- ISO 14064-1 Greenhouse Gases Emissions Verification
- ISO 14067 Product Carbon Footprint Verification
- OHSAS 18001 Occupational Health and Safety Management System
- CNS 15506 Taiwan Occupational Safety and Health Management System
- IECQ HSPM QC 080000





CUSTOMER SERVICE



PRODUCT MAINTENANCE



TRAINING PROGRAMS



TECHNICAL CONSULTANCY

4 SERVICES

Each and every OPTOTECH product line is designed and made to meet market demands with international standards compliant production processes and high reliability, steadfastness and durability. We focus not only on professional technique and innovative design but also on the full range of products and customer services. We strive to win our customers' trust and satisfaction by pursuing excellence.

With three decades of expertise and knowledge, OPTOTECH's professional team is striving to provide comprehensive pre- and post-sales services including customer service, product maintenance, product specific training programs and technical consultancy.



OPTOTECH

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