www.1882 lighting.com

1882 LIGHTING
A QSSI Company

LED Lighting

1882 LIGHTING - A QSSI COMPANY

QSSI, Inc. is an American-owned and operated company headquartered in Tampa, Florida, with manufacturing facilities in China and Taiwan. QSSI has been manufacturing custom die cast parts and components since 1985. Manufacturing capabilities include die casting in aluminum and zinc, sand casting, metal stamping and spinning, plastic injection molding, machining tool and die making, powder painting, PC board assembly, electrical fittings and components.

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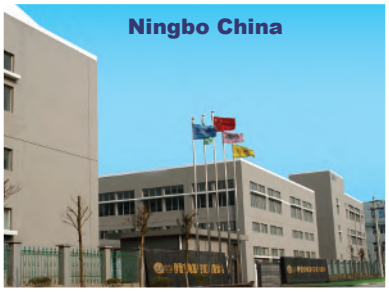
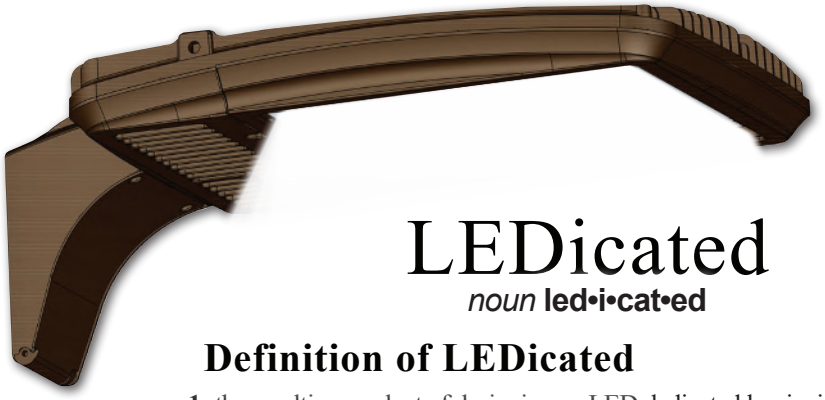


LEDicated Design

Engineered for Performance - Built to Last



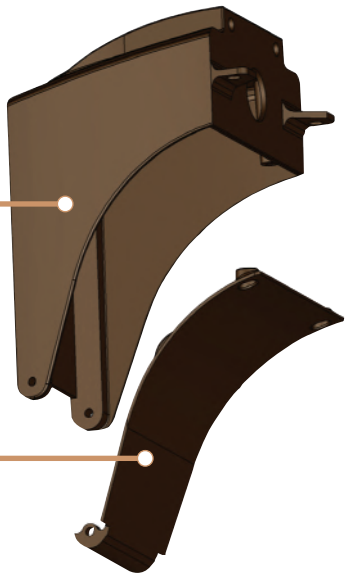
LEDicated

noun **led•i•cat•ed**

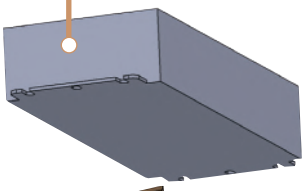
Definition of LEDicated

1: the resulting product of designing an LED dedicated luminaire solely for LED light sources. The housing has integrated heat management and is engineered for IP67 sealing of LEDs. All facets of the design development process for QSSI LEDicated fixtures are devoted to creating an environment for optimal LED performance.

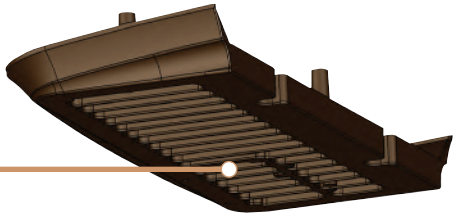
: <a LEDicated luminaire>



The **Architecturally Integrated Arm** is die-cast aluminum with **Access Door** for easy mounting and wiring.



Drivers are IP67-rated variable voltage 120-277 input, 10% THD, with 1-10V dimming standard.

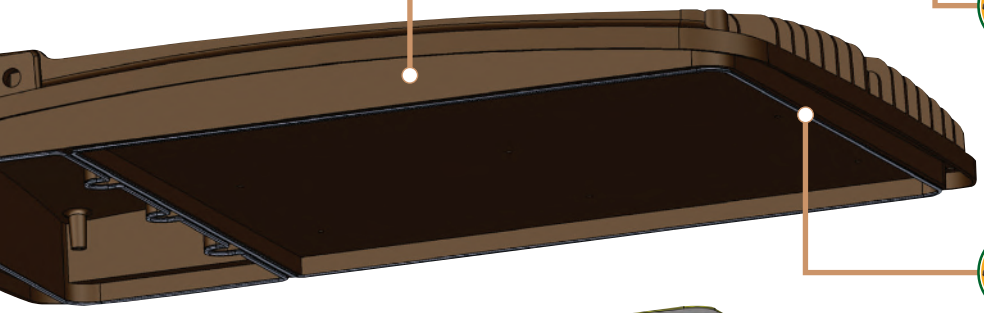


Fixture includes an easy-access separate sealed **Driver Compartment** with finned heat sink door.

EasyLED Array Technology

1882 Lighting, a QSSI Company, has developed EasyLED, a unique LED platform that includes custom-designed arrays for each fixture that provide improved thermal management, enhanced optics, and easy assembly for serviceability. EasyLED Arrays are custom designed and engineered for each fixture with careful consideration for the best possible performance. EasyLED is backed by our five-year warranty.

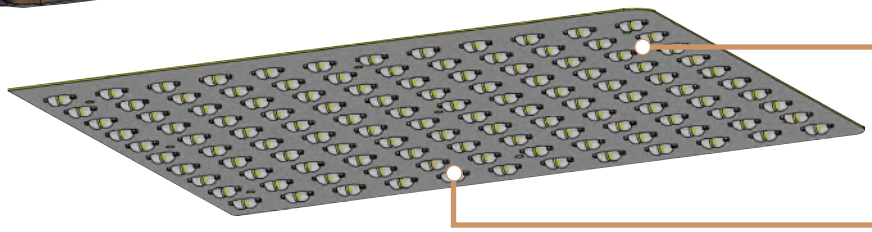
Features	Benefits
LumaFit LED Arrays are custom designed for each fixture	Provides optimal LED placement for heat dissipation based on each specific fixture
AlumiLED arrays utilize only 100% aluminum boards with copper tracings	Increased lifespan with minimal lumen depreciation
LED placement based on fixture lens area	Increased optical performance
EasyLED uses low- and mid-power LEDs in larger quantities	Produces higher light output with better lumen depreciation
Individual On-Board Optics	Robotically placed for accurate, consistent, and efficient control of light output
Long life: L70 ratings in excess of 200,000 hours	Eliminates maintenance versus traditional HID
Excellent Color Rendition (CRI of 80+)	Increases visibility and productivity
1-10V Dimmable drivers standard	Allows for daylight harvesting and additional energy savings
4000K and 5000K CCT	Ability to match project environmental and efficiency requirements



The **Housing** is die cast aluminum 100% copper free A360 (LM6) alloy from ingot, with no recycled content.

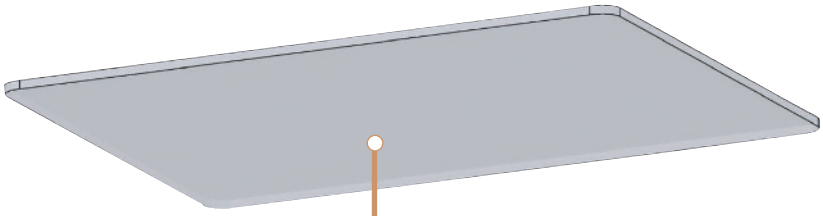
The slimline housing also serves as the LED heat sink and creates a sealed environment.

Gaskets are robotically applied to the housing to create a consistent seal and assure that every fixture achieves a stated IP67 rating.



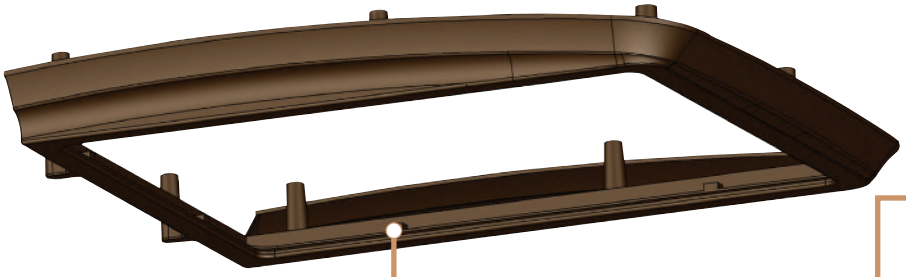
LED Array circuit design optimizes LED output with parallel circuits and 525 mA drive current.

LED Array utilizes a high quality aluminum board uniquely designed for each fixture to provide optimal heat dissipation and light output.



Individual Onboard LED Optics are robotically applied and sonically welded to the array for precise and efficient control of light output.

A high quality **Glass Lens** provides sealing with maximum light output.



A **Die Cast Door Frame** provides an accurate fit with screws mounting from the top for clean architectural finish. Hardware is nickel plated stainless steel to eliminate seizing over time.

Contact Us

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