Company Profile

Light Emitting Designs is a world-leading manufacturer of high quality LED lighting fixtures. The company’s patented technologies and innovative optical design enables reliability and ultra-high efficacy, which has revolutionized the LED lighting industry. Our product line delivers flexible lighting solutions ranging from Residential, Commercial, Industrial, Hazardous location and Public Infrastructure applications.

Headquartered in the United States, our Marketing and Sales offices span across all five continents with direct manufacturing and R & D facilities located in Taiwan.

Light Emitting Designs’ commitment is to be the leading provider of sustainable interactive lighting technologies through quality and craftsmanship.

Environment

Recently, the International Energy Agency (IEA) has claimed that energy-related CO2 emissions are at historic highs and have estimated that these emissions may almost double by 2050. It is with these studies in mind that the world’s top scientists have targeted for half of all power to come from green sources by 2035.

Light Emitting Designs echoes these beliefs and is very conscious of its effect on the environment. In addition to creating some of the most energy efficient lights on the market, the company is dedicated to do its part to preserve the world we live in.
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CLM422
LED Ceiling Luminaire Module

- PATENTED THERMAL SOLUTION FOR MAINTENANCE FREE LONG LIFE
- LIGHT WEIGHT ELIMINATES CEILING REINFORCEMENT
- EASY TO INSTALL / RETROFIT OR NEW CONSTRUCTION
The CLM422 LED Ceiling Luminaire Module is the first truly engineered commercial grade (2’x 2’) LED office light designed to replace fluorescent fixtures of much higher wattage classes.

It delivers evenly distributed horizontal and vertical foot-candles, ideally suited for typical work spaces and utility areas. The Patented Air Bi-Pass Convection System enables excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance.

The CLM422 is the most cost effective, commercially viable solution available on the market today.

Patent # 20130242548 A1
Other US and international patents pending
Advantages of CLM422

- **Standard 2’ x 2’ LED replacement** ceiling luminaire (troffer) for all office spaces
- **Light Weight (3.0kg / 6.5lbs)** eliminates the need for complicated and costly ceiling reinforcement
- **Glare-Free**, comfortable uniform lighting for all working environments
- **Smart Circuitry System** gives greater protection when used in unstable electrical grids
- Available with **Programmable and RF Wireless Dali Smart Control System with PIR motion sensor** enabling greater flexibility and maximizing savings
- **Replaceable modules** for low cost serviceability
- **Available in 35 and 45 Watt configuration**
- **Cost Effective Solution** as a true LED replacement with a 5-Year Warranty
- **Easy to Install**, ideal for retrofit and new construction
- **Designed and Engineered in the USA**

**Application**

- **Commercial Office**
- **Healthcare**
- **Hospitality**
- **Schools**
CLM 422 Series
LED Ceiling Luminaire Module

Features

- CLM422 Light Module is designed to last 80,000 hours with a minimum of 70% Lumen Maintenance
- Available in warm (3000K), neutral (4000K) & cool (5000K) white
- High lumen output & high efficacy
- Ultra-Energy efficient
- Indoor application

Light Module

- Patented Passive Air-Flow Convection® System designed to minimize heat and maximize LED life by reducing junction temperature of the LED
- CLM422 is manufactured using only the highest grade extruded alloys in the construction of each luminaire to maximize performance

Optics

- Patented MCPCB Technology enables ultra low LED junction temperatures for maintenance free long life
- Integrated high efficiency LED driver and power supply
- Smart circuitry with surge and transient voltage protection
- Powered by industry leading high brightness LED chip

Electronics

- Proprietary reflector and optical diffuser system enables 120° glare-free comforting soft light without the uncomfortable LED “eye piercing effect”

External Dimensions

External Dimensions

Packaging Information

<table>
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<tr>
<th>Case Quantity</th>
<th>Dimensions (LxWxH)</th>
<th>Weight</th>
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<tr>
<td>5</td>
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SML Series
LED LINEAR LIGHTING

ULTRA BRIGHT  HIGH TECH  DURABLE
The SML series Surface Mount Luminaire is a lightweight all-purpose utility linear light with versatile mounting options. It is designed for indoor and outdoor applications that require high output of light for industrial facilities.

It is an ultra-energy efficient high efficacy luminaire replacing fluorescent fixtures of much higher wattages. The SML series is available in 12 / 24 / 38 Watts and provides glare-free, 240° comfortable uniform lighting in all working environments. The patented Passive Air Cooling System enables low LED Junction Temperatures (Tj) for maintenance free long life.

Pantent # 20130242548 A1
Other US and international patents pending
Advantages of SML Series

- All-purpose utility lighting with **Short ROI Period**
- SML500 - 12 Watt / SML1000 - 24 Watt / SML1500 - 38 Watt
- **Light weight** easy to install versatile design with various mounting options
- **Smart Circuitry System** gives greater protection when used in unstable electrical grids
- **Glare-Free, 240°** comfortable uniform lighting for all working environments
- **Patented Passive Air Cooling System** enables low LED junction temperatures (Tj) for maintenance free long life
- Easy Access Serviceable all-in-one junction box / LED driver
- **Cost effective Solution** as a true LED replacement with a 5-Year Warranty
- Designed and Engineered in the **USA** and manufactured in Taiwan

Application

- Manufacturing Plants
- Warehouses
- Parking Structures
- Utility Lighting
- Car Bays
- Convenient Stores
- Assembly Lines
SML Series
LED Linear Utility Lighting

Mounting Options

TBH - TUBE MOUNTING SYSTEM

SMK - SURFACE MOUNTING SYSTEM

External Dimensions

SML500

SML1000 & SML1500
SML3000
LED LINEAR INDUSTRIAL LIGHTING

ULTRA BRIGHT   HIGH TECH   DURABLE
The SML3000 is a light weight, all-purpose Low - Mid Bay linear industrial lighting fixture with versatile mounting options. It is designed to replace fluorescent fixtures of much higher wattages for multiple applications. This ultra-energy efficient high output luminaire consumes only 75Watts and provides glare free, 170° comfortable uniform lighting in most working environments.

The patented Passive Air Cooling System enables low LED Junction Temperatures (Tj) for maintenance free long life.

Patent # 20130242548 A1
Other US and international patents pending
Advantages of SML3000

- LED linear industrial lighting with short ROI period
- Available in 75 and 100 Watt configuration
- Light weight easy to install versatile design with various mounting options
- Smart Circuitry System gives greater protection when used in unstable electrical grids
- Glare-Free, 120° comfortable uniform lighting for all working environments
- Patented Passive Air Cooling System enables low LED junction temperatures (Tj) for maintenance free long life
- Easy Access Serviceable all-in-one junction box / LED driver
- Cost effective Solution as a true LED replacement with a 5-Year Limited Warranty

Application

- Industrial Lighting
- Warehouses
- Utility Lighting
SML 3000 Series
LED Linear Industrial Lighting

Mounting Options

**CH4** - CHAIN CHANDELIER MOUNTING SYSTEM

**SMH** - SURFACE MOUNTING SYSTEM

External Dimensions

- **Height:** 147mm (5 1/2"
- **Width:** 190mm (7 1/2"
- **Length:** 845mm (33 3/4"
- **Depth:** 100mm (4"
- **Height:** 73mm (2 3/4"

UL, CE, RoHS logos present.
The IL3525 Series is the next generation of technologically advanced LED Industrial Lighting for low-bay applications. Its compact design incorporates the industry’s highest power density and efficacy and is available in numerous choices of optics for a wide range of light distribution patterns. The IL3525 Series is constructed from high grade aluminum alloys and has an IP68 rating suitable in most environments for both indoor and outdoor applications.

Its Patented Thermal Management System ensures long LED life with extended lumen maintenance and virtually zero fixture maintenance. Without any secondary optics the IL3525 Series provides ultra-bright industry leading high efficacy light output, resulting in cost effective solutions with a short ROI period. Available with numerous versatile mounting systems including its patented Snap & Slide mounting system enabling, a simple, safe and cost effective installation.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

Application

- Food Processing Plants
- Billboards
- Warehouses
- Tunnels
- Parking Structures
- Canopy Lighting
Advantages of IL3525

- **Proprietary Reflector And Optics** enabling glare-free uniform lighting for all working environments. Eliminating the need for costly and fragile plastic lenses
- **Advanced Thermal Technology** enables low LED junction temperatures (Tj) for maintenance-free long life
- **Dura-Guard** double layer epoxy coating with industry-leading 10-year protection on weather and corrosion
- Integrated high efficiency LED driver with smart circuitry combined with surge and transient voltage protection
- A true industrial grade luminaire that is IP68 (water, dust & vapor-proof) rated with an exceptional 10-Year Limited Warranty
- Optional programmable **RF Wireless Smart Control System with PIR motion & daylight sensor** enabling greater savings and flexibility
- Designed and Engineered in the USA
IL 3525 Series
LED Industrial Lighting

Optic Options

**02 - Type II** / wall mount & perimeter lighting applications

|M - Medium|

**S5 - Type V Rectangular** / symmetric for canopies, tunnels, parking garages and wide flood applications

|M - Medium|

**F5 - Type V Opaque - Frosted** / symmetric for ultra uniform & low glare applications

|L - Long|

**B2 - Billboard Lighting** / asymmetric for billboards and signage applications

|M - Medium|
Mounting Options

- **SSL - SPRING LOADED SNAP & SLIDE SURFACE MOUNTING SYSTEM**
- **W90 - WALL MOUNTING SYSTEM**
- **CH4 - CHAIN CHANDELIER MOUNTING SYSTEM**
- **SWL - VARIABLE ANGLE SWIVEL MOUNTING SYSTEM**
IL 3525 Series
LED Industrial Lighting

External Dimensions

![Diagram showing external dimensions of the product]

Packaging Information

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<th>Case Quantity</th>
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<td>5.7 kg</td>
</tr>
<tr>
<td></td>
<td>15¼ x 11¼ x 6½ in</td>
<td>12.5 lbs</td>
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IL450
INDUSTRIAL GRADE LED LUMINAIRE

HIGH TECH    DURABLE
Product Information

The IL450 Series is the first true commercial grade LED Industrial Light, designed to replace existing high-pressure mercury, high pressure sodium, and metal halide lamp fixtures of much higher wattage classes. It is available in numerous choices of optics for a wide range of applications. The IL450 Series is constructed from high grade aluminum alloys and has an IP68 rating suitable for indoor and outdoor applications.

Its patented Air Bi-Pass Convection System enables excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance. Without any secondary optics, the IL450 Series provides ultra-bright industry leading high efficacy light output, resulting in cost effective solutions with a short ROI period. Available with numerous versatile mounting systems including its patented Snap & Turn mounting system enabling, a simple, safe and cost effective installation.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

Application - High / Mid / Low Bay

- Manufacturing Plants
- Warehouses
- Parking Structures
- Canopy Lighting
- Sports Arenas
- Airplane Hangers
- High Mast
IL 450 Series

Advantages of IL450

- Proprietary Reflector And Optics enabling glare-free uniform lighting for all working environments. Eliminating the need for costly and fragile plastic lenses
- Advanced Thermal Technology enables low LED junction temperatures (Tj) for maintenance free long life
- Dura-Guard double layer epoxy coating with industry leading 10 year protection on weather and corrosion
- L70 Rating @ Ta 25°C Over 160,000 hour rated life
- Optional programmable RF Wireless Smart Control System with PIR motion & daylight sensor enabling greater savings and flexibility
- A true industrial grade luminaire that is IP68 (water, dust & vapor-proof) rated with an exceptional 10-Year Limited Warranty
- Designed and Engineered in the USA

Why

- Technologically Advanced, low profile all-purpose LED Industrial Lighting
- Flexible Design with versatile mounting options for all applications
- Superior craftsmanship using high grade raw materials
- Cost effective solution with a Short ROI Period
- Available in 75 / 100 / 120 / 150 / 185 / 220 watt configuration
- Available in different optics for various applications

LED Product Partner
IL 450 Series
LED Industrial Lighting

External Dimensions

Optics Options

R5 - Type V Round / symmetric for low-mid-high bay, parking garages and flood applications

F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

S5 - Type V Square / symmetric for high-bay, isle, high-mast and flood applications

Packaging Information

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<tr>
<td></td>
<td>19% x 19% x 8% in</td>
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Mounting Options

**SST - SPRING LOADED SNAP & TURN**
SURFACE MOUNTING SYSTEM

**SST - SPRING LOADED SNAP & TURN**
MOUNTING SYSTEM

**W90 - WALL MOUNTING SYSTEM**

**CH4 - CHAIN CHANDELIER**
MOUNTING SYSTEM

**SWL - VARIABLE ANGLE SWIVEL**
MOUNTING SYSTEM
L X Series
EXTREME APPLICATION LED LIGHTING

HIGH TECH
DURABLE
Product Information

The LX series is a high efficacy, durable LED linear light designed to withstand the harsh conditions of today's demanding environments. This next generation IP67 LED linear light is ideal for applications that require high pressure wash downs such as livestock farming, food processing plants and car parks.

The LX Series is available in 20, 40, or 60 Watts and provides ultra-wide glare free, 160° comfortable uniform lighting for all working environments. It has excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance resulting in cost effective solutions with a short ROI period. It comes with versatile mounting options with an accessible junction box for easy wiring and installation.

US PATENT # 8,272,765 / 6,830,364 / US 2014 / 0301076A1
other US and international patents pending.
Advantages of LX Series

- All-purpose IP67 (water, dust & vapor-proof) LED linear luminaire
- LX520 - 20 Watt / LX1040 - 40 Watt / LX1060 - 60 Watt
- Glare-Free, 160° wide angle optics reducing required fixtures by up to 25%
- Dimmable smart circuitry with motion sensing for maximum flexibility
- Lightweight low profile design with an accessible junction box for easy wiring and installation
- High efficacy fixture with durable construction and versatile mounting options
- Cost effective solution as a true LED replacement with a short ROI Period
- Ideal for environmentally-demanding locations with a 7 Year Limited Warranty
- Designed and engineered in USA

Application

- Food processing plants
- Chicken / livestock farming
- Clean Room
- Parking Structures
- Utility Lighting
- Mining
- Convenient Stores
**LX Series**

Extreme Application LED Lighting

**Mounting Options**

CH2 - CHAIN CHANDELIER MOUNTING SYSTEM

SMH - SURFACE MOUNTING SYSTEM

**External Dimensions**

**LX520**

560mm
22"

LX1040 / LX1060

1120mm
44"

**Packaging Information**

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<th>Case Quantity</th>
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<tr>
<td>LX520</td>
<td>12</td>
<td>61 x 54 x 41 cm 24 x 21¼ x 16¼ in</td>
<td>16.60 kg 36.60 lbs</td>
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<tr>
<td>LX1040 / LX1060</td>
<td>12</td>
<td>117 x 54 x 41 cm 46 x 21¼ x 16¼ in</td>
<td>30.25 kg 66.63 lbs</td>
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</table>
ILX3525
EXTREME APPLICATION INDUSTRIAL LIGHTING

HIGH TECH DURABLE
The ILX3525 Series is designed specifically to withstand the harsh conditions of extreme environments such as hazardous area and high heat applications. Its compact design incorporates the industry’s highest power density and efficacy making it the first true IP68 marine rated LED industrial light to replace existing high-pressure mercury / sodium, and metal halide lamp fixtures for offshore Oil & Gas platforms. It is available in numerous choices of optics with various mounting options.

Its patented Air Bi-Pass Convection System enables excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance. Without any secondary optics, the ILX3525 Series provides ultra-bright industry leading high efficacy light output, resulting in cost effective solutions with a short ROI period.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

Application

• Oil & Gas
• Mining
• Gas Canopy Lighting
• Food processing plants
• Power Generation
• Foundries
• Paper and Pulp Mills
• Desalination Plants
• Chemical Plants
• Water & Sewage
Advantages of ILX3525

- Ultra bright industry leading High Efficacy (lm/W) LED industrial light
- IP68 and Petro-Chemical Industry rated luminaire with an exceptional 10-Year Limited Warranty
- Hazardous Area and High Heat Rating with an operational temperature of -40 ~ +60°C
- NEMA 4X industrial grade Dura-Guard powder coating with 10 years protection on weather and corrosion
- Marine Rated Stainless Steel components and trimmings
- Proprietary wide angle optics enabling glare-free uniform lighting for all applications. Eliminating the need for costly and fragile plastic lenses
- Advanced Thermal Technology enables low LED junction temperatures (Tj) for maintenance free long life
- High efficiency LED driver with integrated smart circuitry and surge & transient voltage protection
- Optional programmable RF Wireless Smart Control System with PIR motion & daylight sensor enabling greater savings and flexibility
- L70 Rating @ Ta 25°C over 150,000 hour rated life
- Designed and engineered in USA
The new **ILX series** LED drivers are designed specifically for extreme application lighting that requires high ambient operating temperatures. It utilizes the latest topology in electronic circuitry design with state of the art military and industrial grade components. The LED driver is encapsulated with thermal potting into a dedicated heat sink for better thermal performance and greater flexibility for service and maintenance. The **ILX** LED driver module delivers an outstanding 95% efficiency and is designed to last over 80,000 hours in harsh environments with high operating ambient temperatures.

### External Dimensions

- 117mm (4⅝"
- 250mm (9⅞"
- 350mm (13¾"

### Packaging Information

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<tr>
<td>1</td>
<td>38.5 x 28.5 x 16.5 cm</td>
<td>5.7 kg</td>
</tr>
<tr>
<td></td>
<td>15¼ x 11¼ x 6½ in</td>
<td>12.5 lbs</td>
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</table>
**ILX 3525 Series**

**Extreme Application LED Lighting**

**Optic Options**

02 - Type II / wall mount & perimeter lighting applications

M - Medium

S5 - Type V Rectangular / symmetric for canopies, tunnels, parking garages and wide flood applications

M - Medium

F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long
Mounting Options

- **SSL** - SPRING LOADED SNAP & SLIDE SURFACE MOUNTING SYSTEM
- **SSL** - SPRING LOADED SNAP & SLIDE MOUNTING SYSTEM
- **W90** - WALL MOUNTING SYSTEM
- **CH4** - CHAIN CHANDELIER MOUNTING SYSTEM
- **SWL** - VARIABLE ANGLE SWIVEL MOUNTING SYSTEM

Extreme Application LED Lighting

**ILX 3525 Series**

Light Emitting Designs
ILX450
EXTREME APPLICATION INDUSTRIAL LIGHTING

HIGH TECH
DURABLE
The **ILX450** Series is designed specifically to withstand the harsh conditions of extreme environments such as hazardous area and high heat applications. It is the first true IP68 marine rated LED industrial light to replace existing high-pressure mercury / sodium, and metal halide lamp fixtures for offshore Oil & Gas platforms. It is available in numerous choices of optics with various mounting options. The **ILX450** Series incorporates an industrial grade LED driver designed for ultra-long lifespan.

Its patented Air Bi-Pass Convection System enables excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance. Without any secondary optics, the **ILX450** Series provides ultra-bright industry leading high efficacy light output, resulting in cost effective solutions with a short ROI period.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

**Application - High / Mid / Low Bay**

- Oil & Gas
- Mining
- Food processing
- Foundries
- Power Generation
- Paper and Pulp Mills
- Grain Mills
- Desalination Plants
- Chemical Plants
- Water & Sewage
Advantages of ILX450

- Ultra bright industry leading High Efficacy (lm/W) LED industrial light
- Hazardous Area and High Heat Rating with an operational temperature of -50 ~ +65°C
- NEMA 4X industrial grade Dura-Guard powder coating with 10 years protection on weather and corrosion
- Marine Rated Stainless Steel components and trimmings
- Proprietary Reflector and optics enabling glare-free uniform lighting for all applications. Eliminating the need for costly and fragile plastic lenses
- Advanced Thermal Technology enables low LED junction temperatures (Tj) for maintenance free long life
- High efficiency LED driver with integrated smart circuitry and surge & transient voltage protection
- Optional programmable RF Wireless Smart Control System with PIR motion & daylight sensor enabling greater savings and flexibility
- L70 Rating @ Ta 25°C over 160,000 hour rated life
- IP68 and Petro-Chemical Industry rated luminaire with an exceptional 10-Year Limited Warranty
- Designed and engineered in USA

Why

- Technologically Advanced, LED industrial light
- Flexible Design with versatile mounting options
- Superior craftsmanship using high grade raw materials
- Cost effective solution with a Short ROI Period
- Available in 75 / 100 / 120 / 150 / 185 / 220 watt configuration
The new ILX series LED drivers are designed specifically for extreme application lighting that requires high ambient operating temperatures. It utilizes the latest topology in electronic circuitry design with state of the art military and industrial grade components. The LED driver is encapsulated with thermal potting into a dedicated heat sink for better thermal performance and greater flexibility for service and maintenance. The ILX LED driver module delivers an outstanding 95% efficiency and is designed to last over 80,000 hours in harsh environments with high operating ambient temperatures.

**External Dimensions**

- 217mm (8 1/4"
- 168mm (6 1/4"
- Ø465mm (18 1/4"

**Packaging Information**

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<td></td>
<td>19 1/4 x 19 1/4 x 11 in</td>
<td>36.3 lbs</td>
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</table>
**Optics Options**

**02 - Type II** / wall mount & perimeter lighting applications

<table>
<thead>
<tr>
<th>S - Short</th>
<th>M - Medium</th>
<th>L - Long</th>
</tr>
</thead>
</table>

**R5 - Type V Round** / symmetric for low-mid-high bay, parking garages and flood applications

<table>
<thead>
<tr>
<th>S - Short</th>
<th>M - Medium</th>
<th>L - Long</th>
</tr>
</thead>
</table>

**F5 - Type V Opaque - Frosted** / symmetric for ultra uniform & low glare applications

<table>
<thead>
<tr>
<th>L - Long</th>
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</thead>
</table>

**S5 - Type V Square** / symmetric for high-bay, isle, high-mast and flood applications

<table>
<thead>
<tr>
<th>S - Short</th>
<th>M - Medium</th>
<th>L - Long</th>
</tr>
</thead>
</table>
Mounting Options

- **SST** - SPRING LOADED SNAP & TURN SURFACE MOUNTING SYSTEM
- **CH4** - CHAIN CHANDELIER MOUNTING SYSTEM
- **W90** - WALL MOUNTING SYSTEM
- **TMS** - TANDEM MOUNTING SYSTEM
- **SWL** - VARIABLE ANGLE SWIVEL MOUNTING SYSTEM
R威尔3525 Series
LED ROADWAY LIGHTING

EFFICIENT  HIGH TECH  DURABLE
The RWL3525 is the next generation of technologically advanced street lights. Its low profile compact design incorporates the industry’s highest power density and is available in numerous choices of optics for a wide range of light distribution patterns. The RWL3525 is an IP68 rated fixture constructed from high grade raw materials.

It has a Patented Air Bi-Pass Convection System which enables excellent thermal management to ensure long LED life, with extended lumen maintenance and virtually zero fixture maintenance. The RWL3525 is an ultra-bright industry leading high efficacy fixture providing a cost effective solution with a short ROI period. It is designed to withstand harsh outdoor weather conditions with an unprecedented 10-Year Limited Warranty.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

**Application**

- Type II Street Lighting
- Type V Rectangular
- Parking Lots
- Perimeter Lighting
- Parks and Walkway Lighting
LED Roadway Lighting

Advantages of RWL3525

- Energy Efficient / Ultra bright industry leading High Efficacy (lm/W) luminaire
- Wide Angle Lighting enabling longer pole spacing
- Dark Sky Compliant / Full Cut-Off Optics
- Proprietary Reflector Controlled Optics enabling glare-free uniform lighting
  - Eliminating the need for costly and fragile plastic lenses
- Advanced Integrated Thermal Technology enables low LED junction temperatures (Tj) for maintenance free long life
- Dura-Guard double layer epoxy coating with industry leading 10 year protection on weather and corrosion
- IP68 (water, dust & vapor-proof) rated luminaire with an exceptional 10-Year Limited Warranty
- Optional programmable RF Wireless Smart Control System with daylight sensor enabling greater savings and flexibility
- Designed and Engineered in the USA and manufactured in Taiwan
Optic Options

**02 - Type II Roadway Lighting** / asymmetric for street and pedestrian walkway applications

- **M - Medium**

**S5 - Type V Rectangular** / symmetric for street, parking lot and pedestrian walkway applications

- **M - Medium**

**F5 - Type V Opaque - Frosted** / symmetric for ultra uniform & low glare applications

- **L - Long**
**RWL 3525 Series**

**LED Roadway Lighting**

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**External Dimensions**

![Diagram of RWL 3525 Series LED Roadway Lighting]

- Ø65mm 2½"
- 250mm 9½"
- 350mm 13¾"
- 170mm 6⅜"

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**Packaging Information**

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<td>38.5 x 28.5 x 23 cm</td>
<td>6.2 kg</td>
</tr>
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<td>15¼ x 11¼ x 9 in</td>
<td>13.6 lbs</td>
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*Illustrations may vary in actual product.*
RWLI
LED ROADWAY LIGHTING

ULTRA BRIGHT  HIGH TECH  DURABLE
The RWLII is a technologically advanced low-profile LED street light, designed to replace traditional lamp fixtures of much higher wattage classes. It is available in numerous choices of optics for a wide range of applications. The RWLII is an IP68 rated fixture constructed from high grade raw materials. It has a Patented Air Bi-Pass Convection System which enables excellent thermal management to ensure long LED life, with extended lumen maintenance and virtually zero fixture maintenance. The RWLII is an ultra-bright industry leading high efficacy fixture providing a cost effective solution with a short ROI period. It is designed to withstand harsh outdoor weather conditions with an unprecedented 10-Year Limited Warranty.

Patent No. 8,757,842 B2 / 8,272,765 B2 / 9,383,084 / 6,830,364
Other US and international patents pending

Application

- Type II Street Lighting
- Type V Round
- Type V Square
- Perimeter Lighting
- Parks and Walkway Lighting
- Parking Lots
Advantages of RWLII

Why

- Technologically Advanced, low profile all-purpose LED roadway lighting
- Superior craftsmanship using high grade raw materials
- Cost effective solution with a Short ROI Period
- Available in 75 / 100 / 120 / 150 / 185 / 220 watt configuration
- Available in different optics for various applications

Advantages of RWLII

- Ultra bright industry leading **High Efficacy** (lm/W)
- **Proprietary Optical System** enabling wide angle glare-free lighting for most street lighting applications. Eliminating the need for costly and fragile plastic lenses
- Dark Sky Compliant / Full Cut-Off Optics
- L70 Rating @ Ta 25°C **Over 160,000 hour rated life**
- **Advanced Thermal Technology** enables low LED junction temperatures (Tj) for maintenance free long life
- **Dura-Guard** double layer epoxy coating with industry leading 10 year protection on weather and corrosion
- Optional programmable **RF Wireless Smart Control System with daylight sensor** enabling greater savings and flexibility
- A true industrial grade street light designed to withstand harsh outdoor weather conditions with **IP68** (water, dust & vapor-proof) rating and an exceptional **10-Year Limited Warranty**
- Designed and Engineered in the **USA**
R WL II Series

LED Roadway Lighting

External Dimensions

Optics Options

02 - Type II / asymmetric for street and pedestrian walkway applications

R5 - Type V Round / symmetric for street, parking lot and pedestrian walkway applications

F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

S5 - Type V Square / symmetric for street, parking lot and pedestrian walkway applications

Packaging Information

<table>
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<tr>
<th>Quantity</th>
<th>Dimensions (LxWxH)</th>
<th>Weight</th>
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<tr>
<td>1</td>
<td>50 x 50 x 31 cm</td>
<td>13 kg</td>
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<tr>
<td></td>
<td>19⅝ x 19⅝ x 12¼ in</td>
<td>28.6 lbs</td>
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224mm 8⅛"

Ø465mm

18¼"

Ø80mm 3⅛"
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