Au-delà de la lumière | *Beyond lighting*

Catalog of lighting products

Design and made in Canada

Sport



Industrial



Architecture



Horticulture



Au-delà de la lumière | *Beyond lighting*

Overview

Series Compact

This series of luminaires is suitable for a variety of indoor and outdoor applications. Power and efficiency characterizes this product line.



Series Linear

Lightness, power and a wide variety of applications make this series an obvious choice!



Series Projector

The projector series will allow you to see big! Power, flexibility and intelligence characterizes this type of luminaire.



Series Lidgrow

The “revolution” in horticultural lighting is underway and our fixtures are leading the way!



Series Custom Made

For all your special needs we offer the possibility of adapting our luminaires to your specifications, whatever they may be.



Series Lidtech

We also offer services of specialized technicians. For installation, repair and analysis of various situations in the field.



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Characteristics

The characteristics of each luminaire are specified with the related icons. Here is the description of each of these characteristics and the icons representing them.



ECO Design

This symbol means that this luminaire is designed according to Eco Design standards.

Intelligent

Several intelligent functions are available for this luminaire.

Protection - Failure

Icon indicating that the luminaire provides protections against certain types of failures.

Security Redundant

Symbol indicating that this fixture provides multiple levels of safety.

Wind resistance

This icon indicates that this fixture offers very little wind resistance compared to equivalent competitive products.

DLC Premium Certification

UL Certification

QPS Certification

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Compact series

The COMPACT luminaire series offers power, efficiency and performance. Whether for indoor or outdoor applications, COMPACT luminaires are particularly popular products when large areas need to be covered and are very easy to install.



LR0101

TECH

Sport | Industrial | Architecture



LC 1001

TECH

Sport | Industrial



LR0202

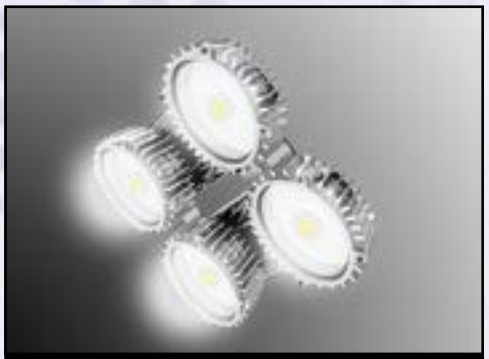
TECH

Sport | Industrial | Architecture



LR0202 - 3 modules

Sport | Industrial



LR0202 - Twin mount

TECH

Sport | Industrial



LR0202 - triple mount

Sport | Industrial

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Linear Series

**The LINEAR range of luminaires is available in a variety of ways to meet a wide variety of needs and applications.
Whether it is for small spaces or large open spaces, we can easily adapt this type of lighting to your most particular needs**



LS3106

TECH

Sport | Industrial | Architecture



LS3126

TECH

Sport | Industrial



LS3136

TECH

Sport | Industrial | Architecture



LS3146

TECH

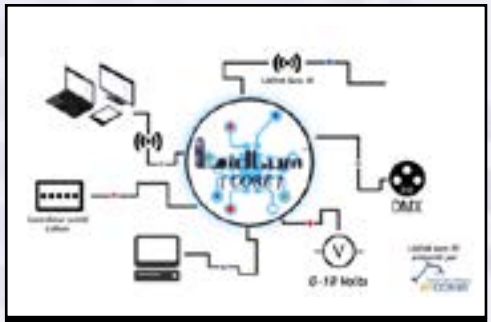
Sport | Industrial | Architecture



LP3172

TECH

Architecture



LidLink

TECH

450 668 0889 | LIDLUM.COM | CONTACT | LOCATION

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Projector Series

Lighting large spaces requires power. With the PROJECTOR series, there is no situation that cannot be met. In addition, we can configure these devices in several ways to light large amphitheaters, stadiums, airports.., In white, variable white or RGB!



LR 1000

TECH

Sport | Industrial | Architecture



LR 1000 RGB

TECH

Sport | Industrial | Architecture



LS1022

TECH

Sport



Série 2500

TECH

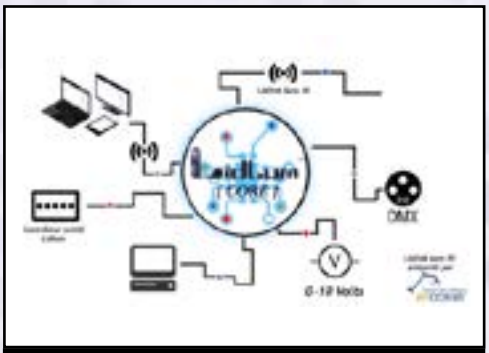
Sport



LP 9010

TECH

Architecture



LidLink

TECH

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LIDGROW Series

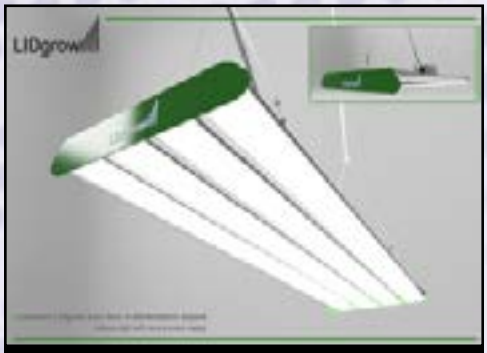
The LIDGROW horticultural lighting series makes indoor growing much less energy consuming and much more efficient than traditional HPS lighting. In addition, LED technology now allows new possibilities such as: adjustable light spectrum, variety of lighting scenarios, variable intensity, etc...



LA3009CC

TECH

Horticulture



LA3146

TECH

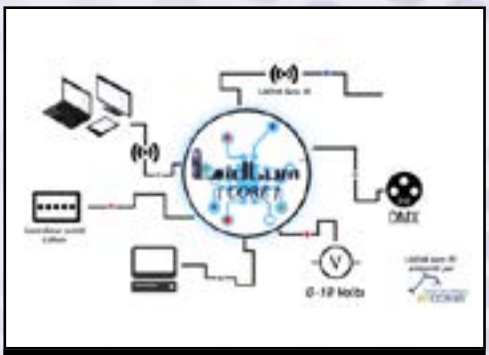
Horticulture



LidGrow

TECH

Horticulture



LidLink

TECH

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Custom Series

Although Lidlum offers a wide variety of lighting products there may be situations where particular products must be designed to particular specifications. There is no problem for which our engineers and designers do not have a solution, and always within the specified budgets.

Technological Configuration



Our team of specialists can design a configuration of Light Emitting Diodes (LEDs) according to your specifications. By optimizing the necessary electronic circuits, the performance of our custom lighting will be optimal.

Specialized Assembly



It is by designing a lighting fixture with care and attention to detail to create an efficient, elegant and solid object that will meet your performance and budget expectations.

Lighting planning



Effective lighting planning is very complex. Several variables come into play. With the help of powerful software, we are able to visualize and adjust the light coverage in the most efficient way possible.

Optimization



By emphasizing the synergy between all the stakeholders and active factors of a situation, we ensure an optimization of the result obtained during the creation of your luminaire.

Situation example



Following the realization of the first LED lighting for a National Hockey League amphitheatre, we designed and built special intelligent lighting fixtures lighting console, and installed behind the goals.

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LidTech Series

In addition to the wide variety of products offered, Lidlum also offers all technical services related to the lighting of your spaces. Preliminary study with on-site evaluation, solution proposals, luminaire installation and after-sales service.

- Detailed study of the situation
- Lighting plan
- Validation test
- ROI calculation
- Proposal of the type of luminaire

Expertise study

- Installation by certified technicians
- Variety of on-site tests
- Project management

Installation

- Repair on site or at our workshops
- Optimization of installations
- Warranty follow-up
- Support for grants

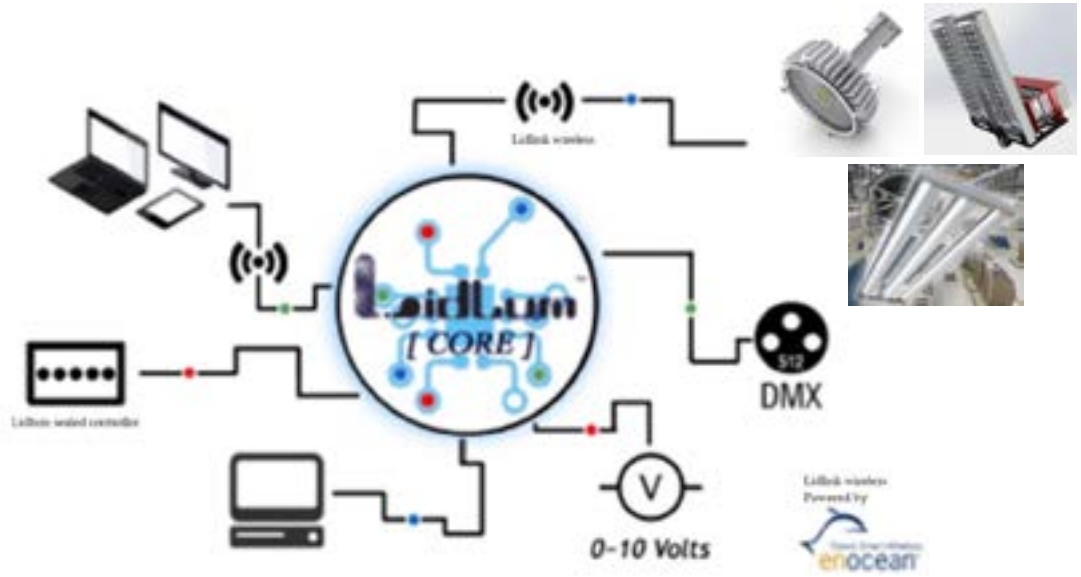
After sales service



Lidlink™

Lidlink wired and wireless technology is available to the entire Lidlum family! Connecting and controlling your Lidlum luminaire has never been easier.

Lidlink Wireless is powered by Enocean technology. Use a wide range of devices from this family, such as motion detectors, switches and light level sensors to further customize your application. Monitor your energy consumption in real time and get information about each individual fixture. Lidlink supports current lighting industry standards such as BacNet/IP building automation systems.



Lidlink™ is available for all of our professional, sports and agricultural product lines to provide the level of control you need for your application.

Lidlum Lidlink™ Customizable Touch Screen Controller

Lidlink™ Wireless is powered by Enocean technology. Use a wide range of devices from this family, such as motion detectors, switches and light level sensors to further customize your application. Monitor your energy consumption in real time and get information about each individual fixture. Lidlink supports current lighting industry standards such as BacNet/IP building automation systems.

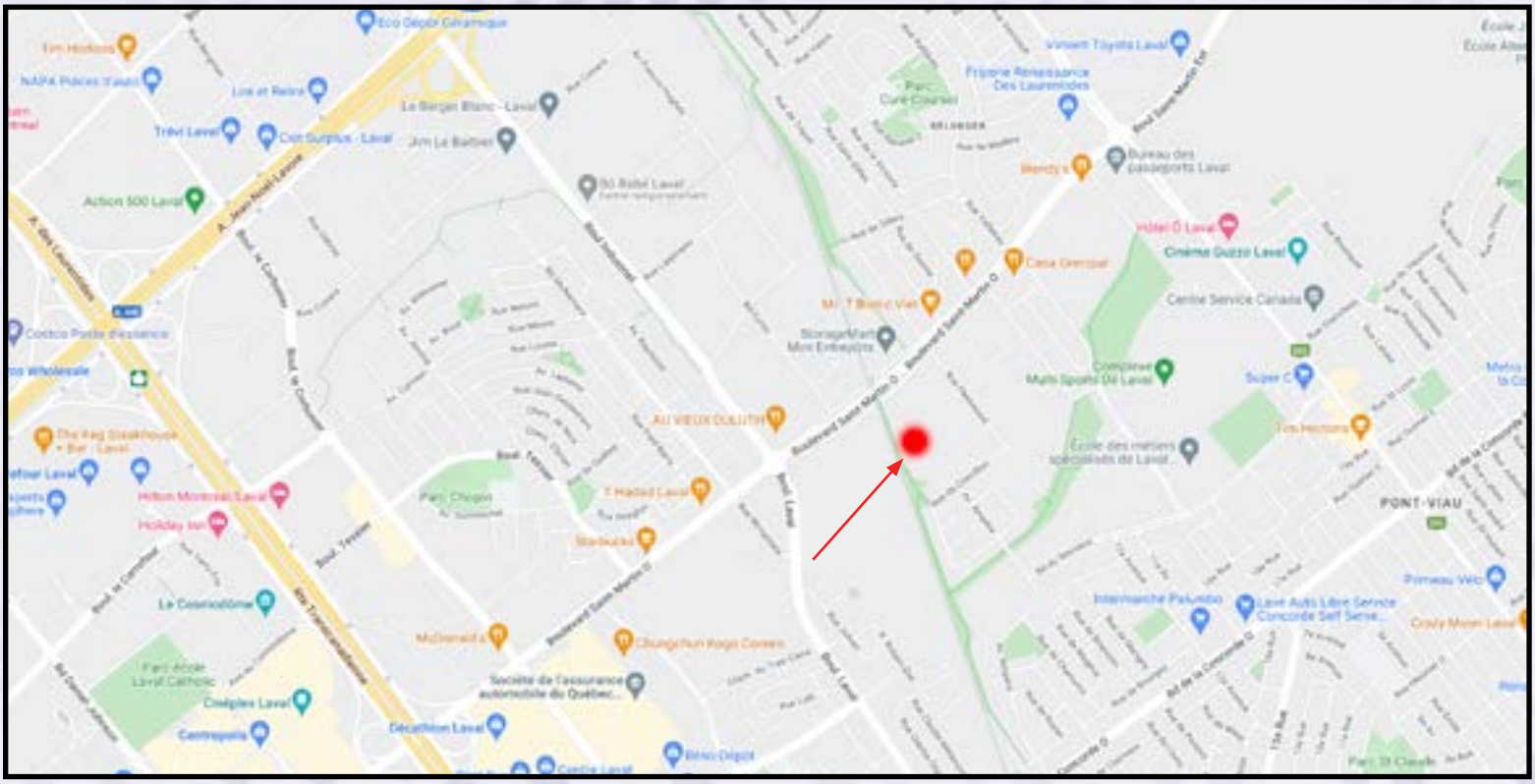




Au-delà de la lumière | *Beyond lighting*

Location map

800 St-Martin Ouest
Laval, Québec,
Canada, H7M 0A7



Technical specifications

Lidlum Sport LR0101



The LR0101 Outdoor Series lighting fixtures use an innovative system to produce high power LED lighting for outdoor lighting applications whether it be sports industrial or commercial applications. This unique system allows optimize lighting levels while reducing energy and maintenance costs. The LR0101 Series is available with or without optical lenses. The structure is made of aluminum which provides excellent corrosion resistance and allows for a minimum weight for maximum power. Ideal for replacing a 1000 watt HID fixture. With an available power of 20,000 lumens and a power consumption of only 150w, with the combination of COB technology and lenses, the LR0101 Series fits all you your lighting needs.

Designed for overhead use, the LR0101 Series is perfectly suited for high-bay applications. Available as an option, the simple and efficient intensity management system allows for maximum operating economy, whether local or remote.

Benefits

- **Economical**
- **Robuste**
- **Reliable**
- **Long Life**
- **Versatile**
- **Environmentally friendly**





Advantages

- **Instant-on**
- **Consumes up to 65% less electricity than other fixtures of a similar flux**
- **LED long lifetime**
- **Low power consumption**
- **Dimmable (optional)**
- **Variety of color temperature available**
- **Made with recyclable materials, low carbon footprint**
- **On-site maintenance**
- **Driver will withstand low and high temperatures**
- **Possibility of refurbishment at end of life**
- **Acceptable for most rebate programs offered by electricity providers**
- **10 year limited warranty on the light source and 10 year limited warranty on the drivers**



Next

Return to Compact series

Electrical Specifications

- Power consumption : 150W
- Input voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 54 V DC
- Power factor : 0.96
- Efficiency: > 95 %
- Dimming : 0 to 10V dimmer (optional)
- All our products are listed QPS

Photometric specifications

- Light source: CoB (LM-80 tested)
- Lens : Clear (optional: 120, 90, 60, 25 degrees and other lens available)
- Correlated colour temperature (CCT): 5000K (4000K and others optional)
- Colour rendering index (CRI): > 70 (80 ou 90 optional)
- Luminious flux : 20 000 lm (without lens)
- L70, TM-21: > 250 000 hrs @ 70% of initial intensity
- LM-79 tested
- Efficiency : 13 lm/W without lens



Mechanical specifications

- **Overall fixture size : 22,86 cm (L) x 17,78 cm (P) x 17,78 cm (H) (9 po. x 7 po. x 7 po.)**
- **Weight: 4,3 kg (9,50 lbs)**
- **Heat dissipation: natural convection using a heat sink**
- **Coating: anodized silver and white powder paint**

Other specifications

- **Control mode : 0 – 10V optional**

Return to Compact Series

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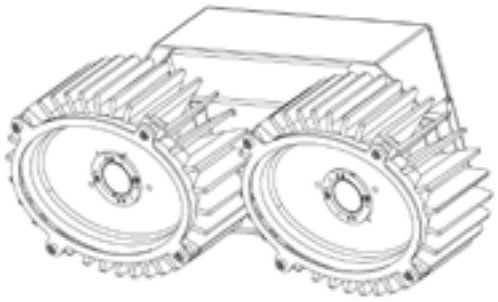


The outdoor LR0202 Series Lighting System utilizes innovative technology to deliver high power LED lighting to outdoor lighting applications, whether for sports, industrial or commercial projects. This unique system allows for optimized lighting levels while reducing energy and maintenance costs. The LR0202 Series is available with different optical lenses. The structure is made of aluminum which allows an excellent corrosion resistance and provides a minimum weight fixture for a maximum light output. Ideal for the replacement of a typical 1000 watts HID fixture. With available power of 45,000 lumens and a consumption of only 300 watts, the combined lenses and COB technology, the LR0202 Series can be adapted to all your outdoor lighting needs.

Designed for use in height, the LR0202 Series adapts itself perfectly to high mast applications. An optional light intensity management system, efficient and easy to use, allows for a maximum of operational savings to be drawn, whether from local or remote control.

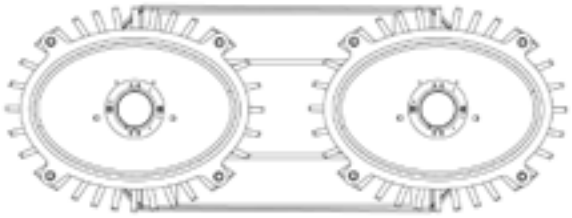
Benefits

- **Economical**
- **Rugged**
- **Reliable**
- **Long-lasting**
- **Flexible**
- **Environmental friendly**



Advantages

- **Instant-on**
- **Consumes up to 65% less electricity than other fixtures of a similar flux**
- **LED long lifetime**
- **Low power consumption**
- **Dimmable (optional)**
- **Variety of color temperature available**
- **Made with recyclable materials, low carbon footprint**
- **On-site maintenance**
- **Driver will withstand low and high temperatures**
- **Possibility of refurbishment at end of life**
- **Acceptable for most rebate programs offered by electricity providers**
- **10 year limited warranty on the light source and 5 year limited warranty on the drivers**



Next

Return to Compact Series

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Electrical Specifications

- Maximum electrical power consumption: 330 W
- Real electrical consumption : 325 W
- Input voltage: 120-277 VCA (347 VCA optional)
- Power supply output voltage: 54 V DC
- Power factor: 0.96
- Efficiency: > 95 %
- Dimming: 0 to 10V dimmer (optional)
- All our products are listed cULus .

Model	Luminous flux	Consumption	Efficiency
LR-2-0202(150)	25 540 lm	150W	170lm/W
LR-2-0202(130)	22 500 lm	130W	173lm/W
LR-2-0202(100)	17 940 lm	100W	179lm/W
LR-2-0202(82)	15 000 lm	82W	183lm/W

Photometric specifications

- **Light source: Bridgelux white LED (LM-80 tested)**
- **Lens: Clear drop lens (frosted lens or clear optional)**
- **Correlated colour temperature (CCT): 5000K (4000K and others optional)**
- **Colour rendering index (CRI): > 70 (80 ou 90 optional)**
- **Luminous flux: 35 000 lm (without lens)**
- **L70, TM-21: > 250 000 hrs @ 70% of initial intensity**
- **L90, TM-21: > 50 000 hrs @ 90% of initial intensity**
- **LM-79 tested**
-



Mechanical specifications

- **Overall fixture size: 47 cm (L) x 17.15 cm (P) x 19 cm (H) (18.5 in x 6.75 in x 7.5 in)**
- **Weight: 9.07 kg (20 lbs)**
- **Heat dissipation: natural convection using a heat sink**
- **Coating: anodized silver and white paint**

Other specifications

- **Control mode: 0 – 10V passive and active (optional)**
- **Ajustable with dimmers on the drivers**

Return to Compact Series

Lidlum Sport LR0202 Twin Mount Light



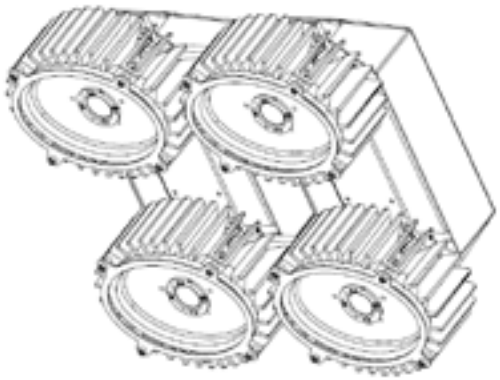
The outdoor LR0202 Series Lighting System utilizes innovative technology to deliver high power LED lighting to outdoor lighting applications, whether for sports, industrial or commercial projects. This unique system allows for optimized lighting levels while reducing energy and maintenance costs.

The LR0202 Series is available with different optical lenses. The structure is made of aluminum which allows an excellent corrosion resistance and provides a minimum weight fixture for a maximum light output. Ideal for the replacement of 2 typical 1000 watts HID fixtures. With available power of 85,000 lumens and a consumption of only 630 watts, the combined lenses and COB technology, the LR0202 Series can be adapted to all your outdoor lighting needs.

Designed for use in height, the LR0202 Series adapts itself perfectly to high mast applications. An optional light intensity management system, efficient and easy to use, allows for a maximum of operational savings to be drawn, whether from local or remote control.

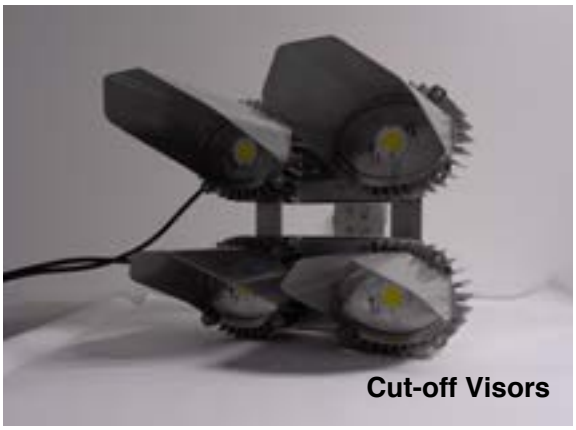
Benefits

- Economical
- Rugged
- Reliable
- Long-lasting
- Flexible
- Environmental friendly



Advantages

- Instant-on
- Consumes up to 65% less electricity than other fixtures of a similar flux
- LED long lifetime
- Low power consumption
- Dimmable (optional)
- Variety of color temperature available
- Made with recyclable materials, low carbon footprint
- On-site maintenance
- Driver will withstand low and high temperatures
- Possibility of refurbishment at end of life
- Acceptable for most rebate programs offered by electricity providers
- 10 year limited warranty on the light source and 10 year limited warranty on the drivers



Next

Return to Compact Series

Electrical Specifications

- Power consumption : 660W
- Input voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 54 V DC
- Power factor : 0.96
- Efficiency: > 95 %
- Dimming : 0 to 10V dimmer (optional)
- All our products are listed cULus or cQPus and meet DLC or DLC Premium requirements

Photometric Specifications

- Light source: Bridgelux white LED (LM-80 tested)
- Lens : Clear (optional: 120, 90, 60, 25 degrees and other lens available)
- Correlated colour temperature (CCT): 5000K (4000K and others optional)
- Colour rendering index (CRI): > 70 (80 ou 90 optional)
- Luminious flux : 89 000 lm (without lens)
- L70, TM-21: > 250 000 hrs @ 70% of initial intensity
- LM-79 tested
- Efficiency : 135 lm/W



Mechanical specifications

- Overall fixture size : 45,72 cm (L) x 30.48 cm (P) x 43.18 cm (H) (18 po. x 12 po. x 17 po.)
- Weight : 18,14 kg (40 lbs)
- Heat dissipation: natural convection using a heat sink
- Coating: anodized silver and white powder paint

Other Specifications

- Control mode : 0 – 10V optional

Return to Compact Series

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Linear Series LS3106



Delivering as much as 12 500 lumens, the LS3106 with tunable CCT is a LED fixture designed for sport applications that require a high lumen output but yet a slick look and a wide variety of white. It can be hanged, surface mounted or wall mounted in direct or indirect light applications. This fixture is robust and versatile, made entirely of aluminum, and the surfaces are protected by a polyester powder paint that has been thermo hardened. Where required, in option, it can feature a lens and can be dimmable and tunable via two DMX independent chanels. This fixture is ideal for gymnasium, soccer fields, tennis courts, badminton, squash and racquetball, hockey rink and other indoor sport facility. With it's outstanding efficacy of 125 lumen/watt, it is one of the best on the market making it's a sound and economical choice over any other technology including LED fixtures from the competition. Also in many cases, you could be eligible for rebate by electrical and power company

Benefits

- Economical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly
- Free of hazardous substances

Advantages

- Instant On
- Consumes 60% less electricity than HID fixture of a similar flux
- Reduces the cooling costs of the building
- Extra low lumen depreciation
- Long LED lifetime
- Dimmable and tunable (optional)
- Variety of color temperature available
- Made with recyclable materials – low carbon foot print
- Field serviceable
- Ballast will withstand low and high temperatures
- Possibility of refurbishment at end of life
- Acceptable for most rebate programs from power company
- 10 Years warranty
- 3xx6 serie DLC premium listed





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Next

Return to Linear Series

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Electrical Specifications

- Power consumption: 107 W
- Input voltage: 120 – 240 V AC (277 – 347 – 480 VAC optional)
- Power supply output voltage: 48 V DC (could be remotely install at a maximum distance of 30m / 100')
- Type of driving: PWM
- Power factor: > 92
- Efficiency: > .90
- Dimming : Control and CCT adjustment via DMX 512 input with separate chanel for dimming and tuning
- THV: 0.68%
- THA: 17.88%

Photometric specifications

- Light source: 112 high power LED emitters per ft
- Lens (optional): Clear, frosted, focusing or spread
- Correlated colour temperature (CCT): Adjustable from 2700 - 6500 Kelvin
- Colour rendering index (CRI): 80
- Luminous flux: 12 500 lm at 5 700K (Tj = 55ºC)
- L70, B50: > 200 000 hours @ 70% of original intensity (calculated)
- Efficacy: 125 lm / W



Mechanical Specifications

- Overall fixture size: 7.3 cm (W) x 96.52 cm (L) x 5 cm (H) (2.8 x 38 x 2 in)
- Weight: 0.81 kg. (1.8 lb.)
- Heat dissipation: Natural convection using the aluminum casing (Fan less)
- Paint: baked polyester powder
- Lens: Acrylic or Polycarbonate (optional)

Other specifications

- Control mode: 0 – 10V passive and active or DMX 512
- Wireless control capability: Optional

Return to Linear Series



Image showing LS3126

Delivering as much as 26 800 lumens, the LS3126 (with fixed or optional tunable CCT) is a LED fixture designed for sport applications that require a high lumen output but yet a slick look and a wide variety of white. It can be hanged, surface mounted or wall mounted in direct or indirect light applications. This fixture is robust and versatile, made entirely of aluminum, and the surfaces are protected by a polyester powder paint that has been thermo hardened. Where required, in option, it can feature a lens and can be dimmable and tunable via two DMX independent chanels. This fixture is ideal for gymnasium, soccer fields, tennis courts, badminton, squash and racquetball, hockey rink and other indoor sport facility. With it's outstanding efficacy of 137 lumen/watt, it is one of the best on the market making it's a sound and economical choice over any other technology including LED fixtures from the competition. Also in many cases, you could be eligible for rebate by electrical and power company.

Benefits

- Économical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly
- Free of hazardous substances



Advantages

- Instant on
- Consumes 60% less electricity than HID fixture of a similar flux
- Reduces the cooling costs of the building
- Extra low lumen depreciation
- Long LED lifetime
- Dimmable and tunable (optional)
- Variety of color temperature available
- Made with recyclable materials – low carbon foot print
- Field serviceable
- Ballast will withstand low and high temperatures
- Possibility of refurbishment at end of life
- Acceptable for most rebate programs from power company
- 5 Years warranty
- 3xx6 serie DLC premium listed (on certain models)



(On certain models)

Next

Return to Linear Series

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Electrical specifications

- Power consumption : 200 W
- Input voltage : 120 - 240 VCA (277 VCA, 347 - 480 VAC optional)
- Power supply output voltage: 48 VDC (could be remotely install at a maximum distance of 30m / 100')
- Type of driving: PWM
- Power factor: > 92
- Efficiency: > .90
- Dimming : Control and CCT adjustment via DMX 512 input with separate channel for dimming and tuning
- THV : 0.68%
- THA : 17.88

Photometric specifications

- Light source: 56 high power LED emitters per ft
- Lens (optional): Clear, frosted, focusing or spread
- Correlated colour temperature (CCT): Fixed from 2700K, 3000K, 4000K, 5700K or adjustable (optional)
- Colour rendering index (CRI): 80 (90 optional)
- Luminous flux: 26 800 lm at 5 700K (Tj = 55ºC)
- L70, B50: > 200 000 hours @ 70% of original intensity (calculated)
- Efficacy: 137 lm / W



Mechanical Specifications

- Overall fixture size : 30 cm (W) x 96.52 cm (L) x 7 cm (H) (12" x 38" x 2.75")
- Weight : 6,4 kg (14 lbs.)
- Heat dissipation: Natural convection using the aluminum casing (Fan less)
- Paint: baked polyester powder
- Lens: Acrylic or Polycarbonate (optional)
- LED : tropicalised (for chlorin environment)

Other specifications

- Control mode: 0 – 10V passive and active or DMX 512
- Wireless control capability: Optional

Return to Linear Series

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Image showing LS3136

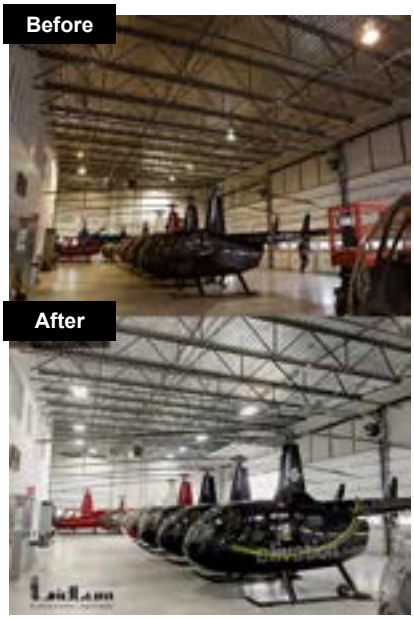
Delivering up to 62 000 lumens, the LS31x6 series (with fixed or optional tunable CCT) is a LED fixture designed for sport applications that require a high lumen output but yet a slick look and a wide variety of white. It can be hanged, surface mounted or wall mounted in direct or indirect light applications. This fixture is robust and versatile, made entirely of aluminum, and the surfaces are protected by a polyester powder paint that has been thermo hardened. Where required, in option, it can feature a lens and can be dimmable and tunable via two DMX independent chanels. This fixture is ideal for gymnasium, soccer fields, tennis courts, badminton, squash and racquetball, hockey rink and other indoor sport facility. With it's outstanding efficacy of 136 lumen/watt, it is one of the best on the market making it's a sound and economical choice over any other technology including LED fixtures from the competition. Also in many cases, you could be eligible for rebate by electrical and power company.

Benefits

- Économical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly
- Free of hazardous substances
- DLC PREMIUM approved

Advantages

- Instant on
- Consumes 60% less electricity than HID fixture of a similar flux
- Reduces the cooling costs of the building
- Extra low lumen depreciation
- Long LED lifetime
- Dimmable and tunable (optional)
- Variety of color temperature available
- Made with recyclable materials – low carbon foot print
- Field serviceable
- Ballast will withstand low and high temperatures
- Possibility of refurbishment at end of life
- Acceptable for most rebate programs from power company
- 5 Years warranty
- 3xx6 serie DLC premium listed (on certain models)







Next

Return to Linear Series

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Specifications

Electrical specifications

- Input Voltage : 180 à 528 volts
- Power supply output voltage : 48 VDC
- Type of driving : constant current
- Power factor: 0.98
- Dimming : Control and CCT adjustment via DMX 512 input with separate channel for dimming and tuning
- THD : 9.11%
- Electrical consumption:

Models	Electrical consumption
LP-3106-57-N-80	113W
LP-3126-57-N-80	227W
LP-3136-57-N-80	340,5W
LP-3146-57-N-80	454W

Photometric specifications

- Light source : High power LED
- Optique (optionnel) : protecteur transparent ou givré
- Correlated colour temperature (CCT): Fixed from 2700K, 3000K, 4000K, 5700K or adjustable (optional)
- Colour rendering index (CRI): 80 (90 optional)
- L70, B50: > 200 000 hours @ 70% of original intensity (calculated)
- L90, : >50,000 hours @ 90% of original intensity (calculated)

Models	CCT	Luminous Flux		CRI	Efficiency
LP-3106-57-N-80		15 500 lm	5700K	80	136 lm/W
LP-3126-57-N-80		31 000 lm	5700K	80	136 lm/W
LP-3136-57-N-80		46 500 lm	5700K	80	136 lm/W
LP-3146-57-N-80		62 000 lm	5700K	80	136 lm/W

Mechanical Specifications

- Heat dissipation: Natural convection using the aluminum casing (Fan less)
- Paint: baked polyester powder
- Lens: Acrylic or Polycarbonate (optional)

Models	Weight	Global dimensions
LP-3106-57-N-80	0,81kg (1,8lbs)	7,3cm (W) x 96,52cm (L) x 5cm (H) (2,8 x 38 x 2 po)
LP-3126-57-N-80	6,4kg (14lbs)	30,5cm (W) x 96,52cm (L) x 7cm (H) (12 x 38 x 2,75 po)
LP-3136-57-N-80	7,3kg (16,1lbs)	30,5cm (W) x 96,52cm (L) x 7cm (H) (12 x 38 x 2,75 po)
LP-3146-57-N-80	8,5kg (18,7lbs)	30,5cm (W) x 96,52cm (L) x 7cm (H) (12 x 38 x 2,75 po)

Other Specifications

- Adaptive command:
  - Dimming 0 - 10 V passive and activ (optional)
  - Consumption monitoring (optional)
  - Motion detector (optionnel)
  - Natural lighting detection (optional)
  - Wireles control : Lidlink ™ ready
  - Wireles control: Infra-red

Return to Linear Series

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Image showing LS3146

Delivering as much as 55 000 lumens, the LS3146 is a LED fixture designed for sport applications that require high lumen output but yet a slick look. It can be hange surface mounted or wall mounted in direct or indirect applications. This fixture is robust and versatile, made entirely of aluminum, and the surfaces are protected by a polyester powder paint that has been thermo hardened. Where required, in option, it can feature a lens and can be dimmable with standard 0 V – 10 V system. This fixture is ideal for gymnasium, court for tennis, badminton, squash and racquetball, hockey rink and other indoor sport facility. With it's outstanding efficacy of 175,21 lumen watt, it is one of the best on the market making it's a sound and economical choice over any other technology including LED fixtures from the competition. Also in many cases, you could be eligible for rebate by electrical and power company

Benefits

- Economical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly



Advantages

- Instant On
- Consumes 60% less electricity than HID fixture of a similar flux
- Reduces the cooling costs of the building
- Extra low lumen depreciation
- Long LED lifetime
- Dimmable
- Variety of color temperature
- Made with recyclable materials – low carbon footprint
- Field serviceable
- Ballast will withstand low temperatures
- Possibility of refurbishment at end of life
- Acceptable for most rebate programme from power company
- 5 – Year warranty



Next

Return to Linear Series

Photometric specifications

- Power consumption : 320 W (HE version)
- Input voltage : 120 - 240 VCA (277 VCA, 347 - 480 VAC optional)
- Power supply output voltage: 48 VDC (could be remotely install at a maximum distance of 30m / 100')
- Type of driving: PWM
- Power factor: 0.98
- Efficiency: > .90
- Dimming : Control and CCT adjustment via DMX 512 input with separate channel for dimming and tuning
- THD : 9.11%

Photometric specifications

- Light source: 56 high power LED emitters per ft
- Lens (optional): Clear, frosted, focusing or spread
- Correlated colour temperature (CCT): Fixed from 2700K, 3000K, 4000K, 5700K or adjustable (optional)
- Colour rendering index (CRI): 80 (90 optional)
- Luminous flux: 55 000 lm
- L70, B50: > 200 000 hours @ 70% of original intensity (calculated)
- Efficacy: 171.5 lm / W

Before



After

Mechanical specifications

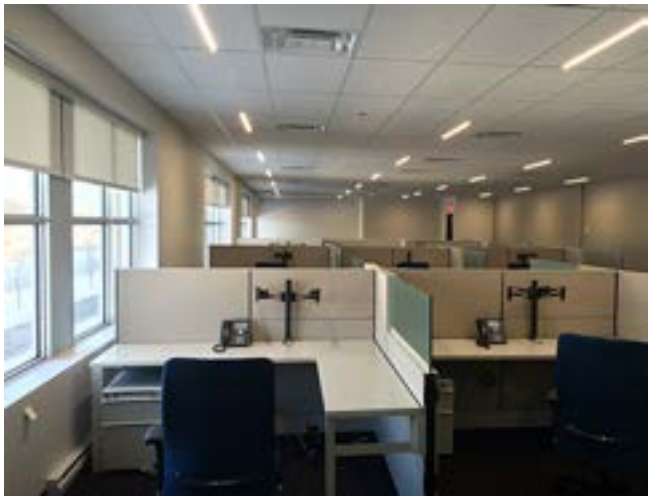
- Overall fixture size : 30,5 cm (W) x 97,4 cm (L) x 8 cm (H) (12" x 38,25" x 3,125")
- Weight : 9,9 kg (21,8 lbs.)
- Heat dissipation: Natural convection using the aluminum casing (Fan less)
- Paint: baked polyester powder
- Lens: Acrylic or Polycarbonate (optional)
- LED : tropicalised (for chlorin environment)

Other specifications

- Control mode: 0 – 10V passive and active or DMX 512
- Wireless control capability: Optional

Return to Linear Series

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Capable to deliver more than 6000 lumens, the LP3172 is an LED fixture designed for commercial and architectural applications that require a high lumen output but yet a slick looks. It can be hanged, surface or wall mounted in direct or indirect applications, mounted in an acoustic tile ceiling. This fixture is robust and versatile, made entirely of aluminum, and the surfaces are silver anodized. Where required, it can be dimmable with standard 0 V – 10 V system. This fixture is ideal in offices it will replace 2 T5HO or 4 F32T8 fluorescent boxes. With it's **outstanding efficacy of 135 lumen/watt** it is one of the best on the market making it a sound and economical choice over any other technology including LED fixtures from the competition. Also in many cases they would be eligible for rebate by electrical and power company.

Benefits

- Economical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly

Advantages

- Instant On
- Low power consumption
  - Consumes 75% less electricity than HID fixture of a similar flux
  - Consume 65% less electricity than T5HO fluorescent of a similar flux
- Reduces the cooling costs of the building
- Long life time
- Dimmable (optional)
- Variety of color temperature available
- Made with recyclable materials
- Low carbon footprint
- Field serviceable
- Driver will withstand low temperatures
- Acceptable for most rebate program by power company
- Possibility of refurbishment at end of life
- 5 years warranty





Next

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Spécifications

Electrical Specifications

- Power consumption: 40 W
- Input voltage: 120 – 240 VAC (277, 347, 480Vac optional)
- Power supply output voltage: 48 V DC
- Type of driving: Constant current
- Power factor: 92%
- Efficiency: > 90%
- Dimming: Standard 0-10 V

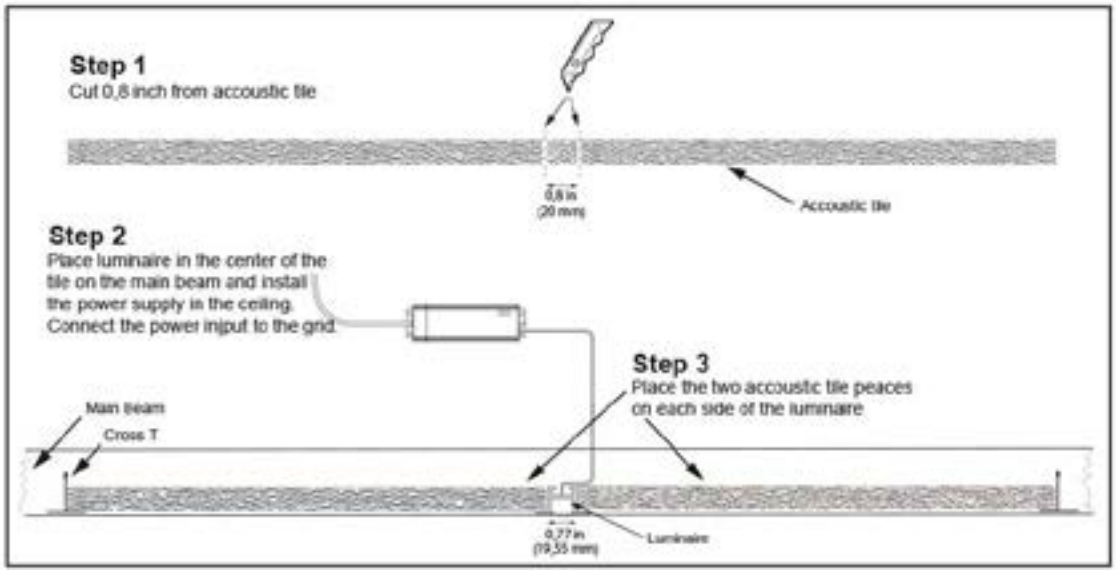
Photometric specifications

- Light source: 28 high power LED emitters per ft
- Lens (optional): Clear, frosted, focusing or spread
- Correlated colour temperature (CCT): 2,700 K, 3,000 K, 3,500 K, 4,000 K, 5,000 K, 5700K, (standard) 6000K, 6500K
- Colour rendering index (CRI): > 80
- Luminous flux: 5300 lm (T_j = 75ºC) at 4000K

Models :

	CCT	CRI	Lumen Output	Input Voltage
LP3172-24	3000K, 4000K, 5000K	80	3000 lm	120Vac (std) or 347Vac (option)
LP3172-24	3000K, 4000K, 5000K	80	4000 lm	120Vac (std) or 347Vac (option)
LP3172-24	3000K, 4000K, 5000K	80	5000 lm	120Vac (std) or 347Vac (option)
LP3172-48	3000K, 4000K, 5000K	80	5000 lm	120Vac (std) or 347Vac (option)
LP3172-48	3000K, 4000K, 5000K	80	6000 lm	120Vac (std) or 347Vac (option)

Installation diagram



Mechanical Specifications

Overall fixture size: 1.9 cm (W) x 122 cm (L) x 1.7 cm (H) (0.75 x 88 in x 0.66 in)
Weight: 0.4 kg (0.9 lbs)
Heat dissipation: Natural convection using a heat sink
Paint: Silver anodize

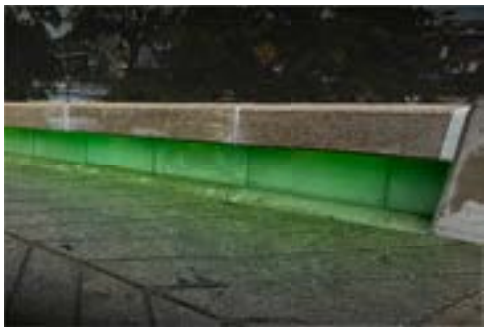
Other specifications

Control mode: 0 – 10V passive and active (optional)

Return to Linear Series

High-definition RGB-W linear luminaire for indoor and outdoor use.











LS 3000 démontré ici

The LS3000 RGB-W series of projectors is designed to deliver intense colored lighting o architectural structures, with high-definition output providing exceptional color rendering regardless of projection distance. Its refined design allows it to integrate easily into any structure, both indoors and outdoors. The use of 4-in-1 LEDs eliminates the chromatic distortions commonly found in luminaires of this type that use discrete LEDs.

Design and made in

Next

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Technical specifications

Electrical specifications

- Total harmonic distortion: [ANSI] < 20%
- Power factor: > 0.95
- Input voltage: 180–528 VAC (120–270 VAC optional)
- Maximum consumption per module: 7 W

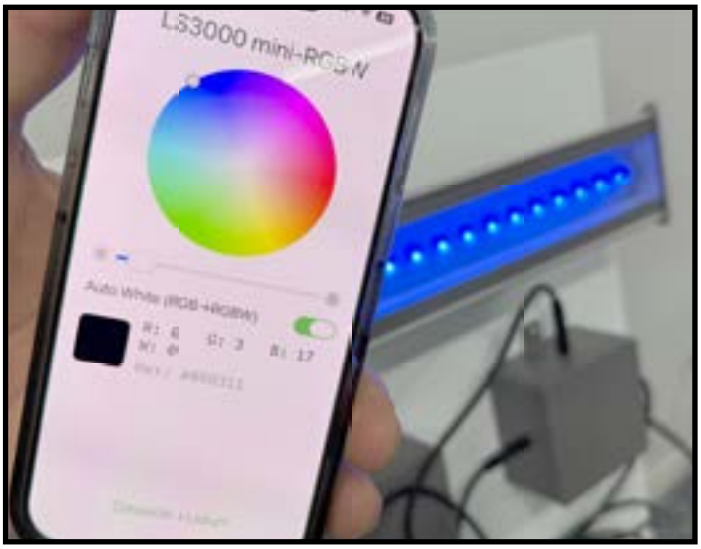
Mechanical specifications

- Fixture weight: 1.4 lb / 0.6 kg
- IP67
- Heat dissipation: convection using a heat sink
- Horizontal adjustment: ±180° with pivot

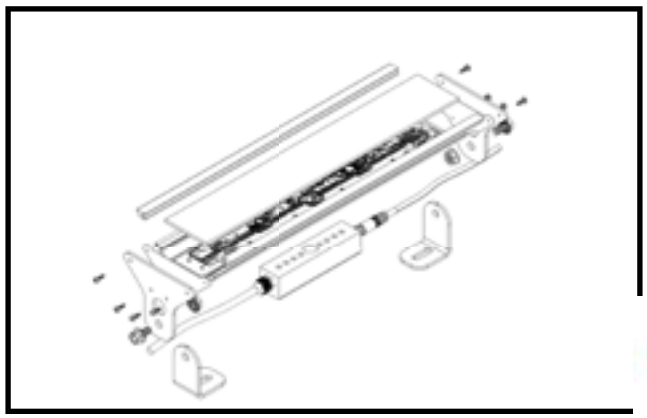
Photometric specifications

- Light source: RGB-W LEDs
- Luminous flux:
  - Red only: 630 nm – 462 lumens
  - Blue only: 455 nm – 182 lumens
  - Green only: 530 nm – 798 lumens
  - White only: 5000K – CRI > 75 – 910 lumens
- DMX addressable
- Projection angle: 60°
- Optical element: protective glass

Smartphone control application.



Technical vue



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Efficient. Powerful. Smart.

- Operates at very low temperature
- Lower operating cost
- Uses 65% less electricity
- Best-in-class color rendering index (CRI)
- Controllable
- Dimmable
- Refurbishable at end of life
- 10-year warranty
- LIDLINK wireless connection



Image show LS 4300

The LS 4000 floodlight series is specifically designed for sports arenas that require long projection distances and high-quality lighting for broadcast and the best possible spectator experience. In its most powerful configuration, each luminaire can deliver over 160,000 lumens.

To cover large areas !

Design and made in



Sports



Architecture

Return to Linear Series

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Technical Specifications

Electrical Specifications

- Total harmonic distortion rate [ANSI]: < 20%
- Power factor: > 0.95
- Input voltage: 120–277 VAC (180–528 VAC optional)
- Maximum power consumption per fixture: 1200 W (3 modules)
- Maximum power consumption per module: 400 W

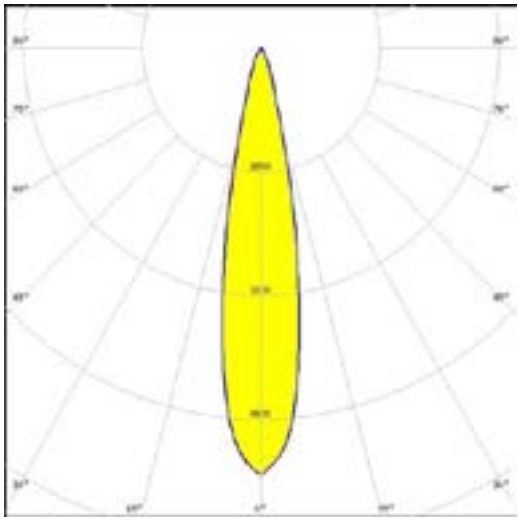
Mechanical Specifications

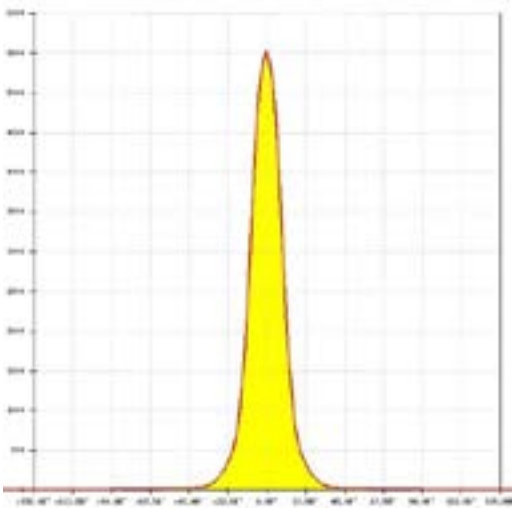
- Fixture weight: 87 lbs / 39.5 kg
- Heat dissipation: convection using heat sink
- Horizontal adjustment: ±180°
- Vertical adjustment: 90°
- Load capacity: 454 kg (1,000 lb) per cable
- Safety device: 0.32 cm steel cable
- IP 66

Spécifications photométriques

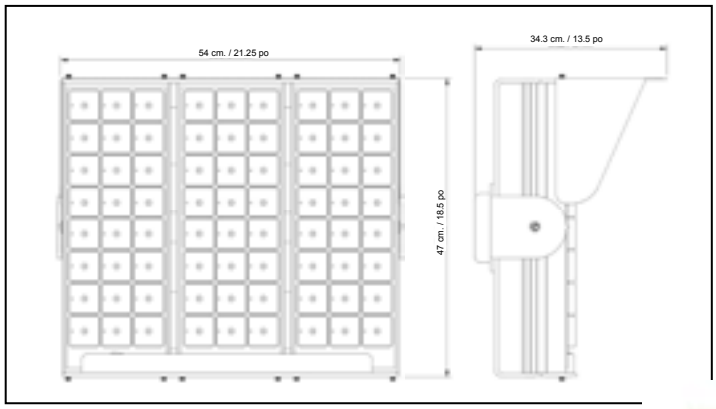
- Efficiency: 130 lm/W @ 90 CRI, 136 lm/W @ 80 CRI
- LED Colors: 5700K (4000K, 5000K, 6500K, and RGBW available on request)
- Color Rendering Index (CRI): > 90 (70 and 80 CRI available on request)
- Luminous flux with 15x35° lens: 26,726 lm per module
- Luminous flux with 10° lens: 54,100 lm per module
- Luminous flux: 54,400 lm per module before lens
- Optical element: 10° secondary lens
- Light source: High-power LED

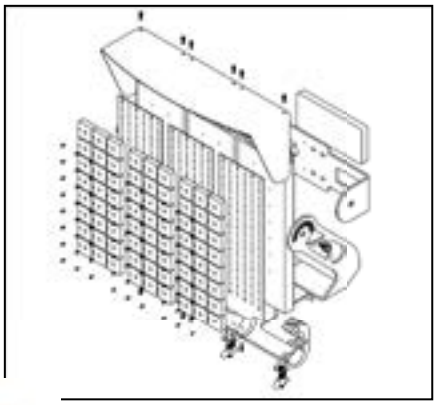
Projection Diagram (10 deg. shown, many other beam angle available)





Mechanical Diagram





Design and made in



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Linear RGB-W luminaire for indoor and outdoor use, high definition

Luminaire RGB regular



Luminaire RGB High resolution Lidlum





LS 4200 shown here

The LS 4200 RGB projector series is designed to add very high-quality color to the lighting of amphitheaters and stadiums, creating a dynamic and professional atmosphere. It complements the LS 4000 monochrome and tunable white series to meet all needs, both for sports and entertainment applications. The color range of the LS 4200 series stands out for its unique, superior quality and chromatic precision.

SportsA



rchitecture



Design and made in

Next

Return to Linear Series

Technical specifications

Electrical specifications

- Total harmonic distortion: [ANSI] < 20%
- Power factor: > 0.95
- Input voltage: 180–528 VAC (120–270 VAC optional)
- Maximum consumption per luminaire: 640 W (2 modules)
- Maximum consumption per module: 320 W

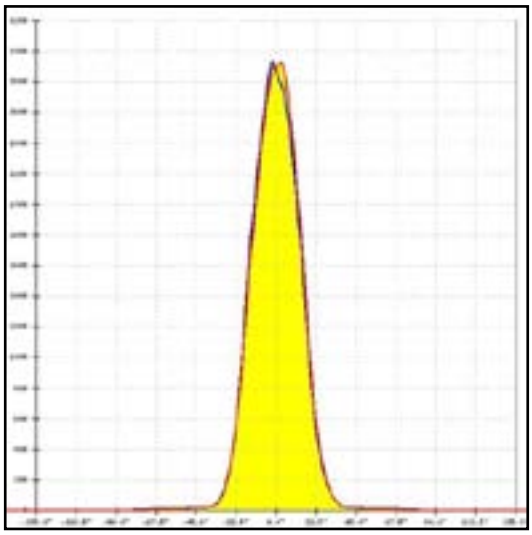
Mechanical specifications

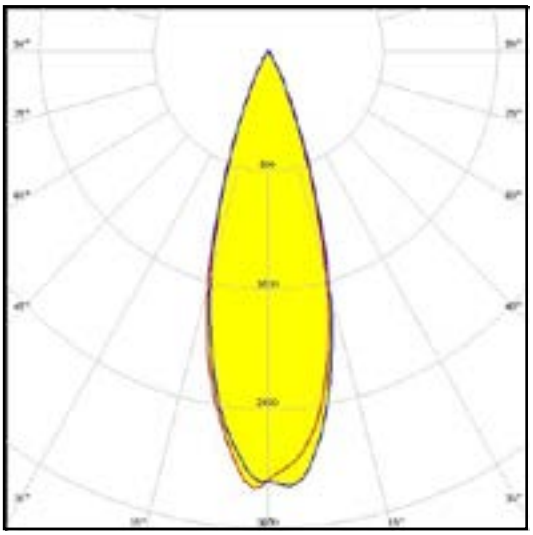
- Luminaire weight: 58 lbs / 26.3 kg
- P66
- Heat dissipation: convection using a heat sink
- Horizontal adjustment: ±180°
- Vertical adjustment: 90°
- Retention capacity: 454 kg (1,000 lb) per cable
- Safety retention measure: 0.32 cm steel cable

Photometric specifications

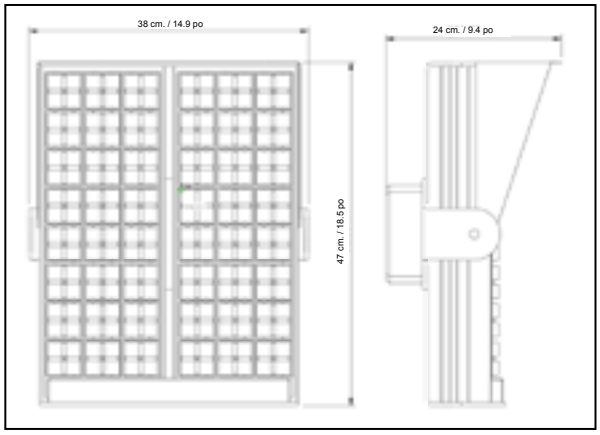
- Optical element: 35° secondary lens
- Light source: high-power LEDs
- Luminous flux:
  - Full red: 650 nm – 15,374 lumens
  - Full blue: 465 nm – 3,065 lumens
  - Full green: 530 nm – 16,284 lumens
  - RGB white (all LEDs on): 32,899 lumens

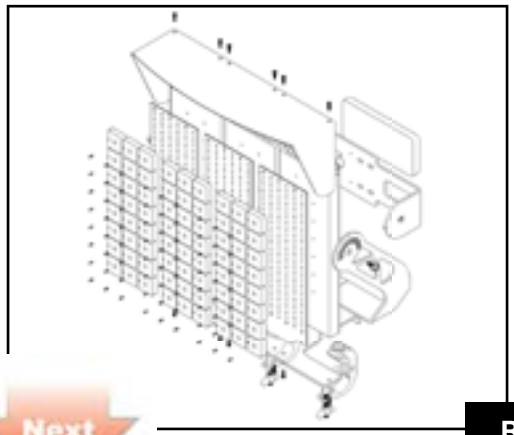
Projection diagram (35° lens shown; a variety of beam angles available)





Technical vue





Design and made in



Next

Return to Linear Series

Projector series LR1000 RGB-white

Efficient.
Powerfull.
Intelligent.

- Two versions:
  - 9 000lm / 119W
  - 20 000lm / 217W
- 98 lm/W
- Remote power supply
- Only 4.2 kg



RGB-W version available



When you have wides space to cover, this powerfull unit Is the one !

Sports



Architecture



Return Projector Series

Technical specifications

Electrical Specifications

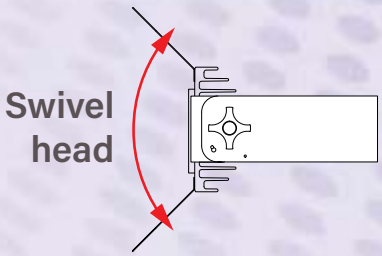
- Power consumption : 251W
- Input Voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 48 V DC
- Power factor : 0.96
- Efficiency : > 95%
- Dimming : 0 to 10V (optional)
- All of our products are listed cULus or cQPus

Photometric Specifications



- Light source : Cree or Samsung white LED (LM 80 tested)
- Lens : clear (optional : 20, 90,60, 25 degrees and oter lens available)
- Correlated color temperature (CCT) : 5700 K (4000 K and others optionaL)
- Luminous flux : 36 000 lm (without lens)
- L70, TM-21 : > 250 000 hrs @ 70% of initial intensity
- LM-79 tested
- Efficiency : 143 lm/W

Mechanical specifications



- Overall fixture size : 53.4 cm (L) x 35.6 cm (P) x 35.6 cm (H) (21" x 14" x 14")
- Light module weight (with bracket) : 4.2 kg (9.3 lbs)
- Heat dissipation : natural convection using a heat sink
- Coating : anodized silver and black powder paint





Return Projector Series

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Lidlum™
Au-delà de la lumière | *Beyond lighting*

Projector series LR 1000

Efficient. Powerfull. Intelligent.

- 36 000 lm
- 143 lm/W
- Remote power suplly
- Only 4.2 kg



RGB + White avaiable



When you have wides space to cover, this powerfull unit Is the one !

Sports



Architecture



Return Projector Series

Technical specifications

Electrical Specifications

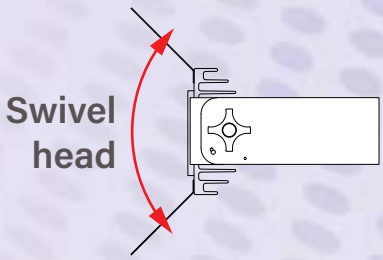
- Power consumption : 251W
- Input Voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 48 VDC
- Power factor : 0.96
- Efficiency : > 95%
- Dimming : 0 to 10V (optionel)
- All of our products are listed cULus or cQPus

Photometric Specifications



- Light source : Cree ou Samsung white LED (LM 80 Tested)
- Lens : clear (optional : 20, 90,60, 25 degrees and other lens available)
- Correlated color temperature (CCT) : 5700 K (4000 K and others optionaL)
- Luminous flux : 36 000 lm (without lens)
- L70, TM-21 : > 250 000 hrs @ 70% of initial intensity
- LM-79 tested
- Efficiency : 143 lm/W

Mechanical specifications



- Overall fixture size : 53.4 cm (L) x 35.6 cm (P) x 35.6 cm (H) (21" x 14" x 14")
- Light module weight (with bracket) : 4.2 kg (9.3 lbs)
- Heat dissipation : natural convection using a heat sink
- Coating : anodized silver and black powder paint





Projector Series LS1022



Delivering as much as 65 000 lm, the LS1022 is specially designed for arenas that require long light projection and top quality lighting for broadcast and best audience experience. The Design was enhanced over earlier models to improve flexibility and ease of installation. All components are included in one unit. This fixture is robust and versatile and features a heavy duty, anodized, all aluminum heat sink that will ensure longevity. It also features 3 levels of control: when powered, if no signal detected, it will automatically turn “ON”; it also has 4 programmable bypass levels and is DMX controllable. The fixture will replace a 1500 W HID. Lidlum, thanks to its strong team with over 30 years of experience in the field of LED lighting and sports, has seized the opportunity offered by the HD TV revolution by developing an innovative lighting system for sports arenas.

Benefits

- Economical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly





Advantages

- Runs much cooler
- Lower operation cost
- Low power consumption:
  - Consumes 65% less electricity
- Variety of CCT available
- Highest in class Color Rendering Index (CRI) available
- Controllable
- Dimmable
- DMX and Bypass signal in the same cable
- Easy installation
- Installation with only 3 wires: Power, Control In and Out
- Suitable under environmental standards and programs:
  - LEED EB, ICI On RECYCLE!, EA, GES, MR, EnerCible, DEEE
- LED life time: 100,000 hours
- No modulation (pulsing of the light)
- Different input voltage
- Prevents damage caused by ultraviolet rays to surrounding material
- Four programmable preset intensity levels
- System self-diagnostic feature and alerts
- Wide Selection of lenses to meet specific light distribution needs
- Modules available in different color LEDs
- Custom programming upon request
- Multiple parameters stored in flash memory
- Made with recyclable materials low carbon footprint
- Possibility of refurbishment at end of life
- LEDs and other components easily replaceable
- Low use of raw materials
- Fixture can be mounted either top or bottom configuration
- 5 years warranty

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Next

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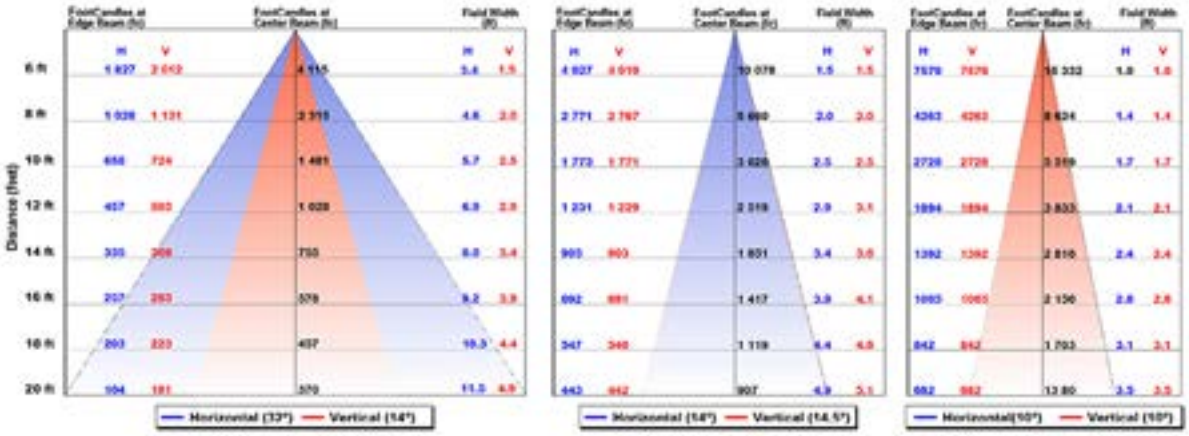
Electrical Specifications

- Maximum power per module: 325 W
- Maximum power per fixture: 650 W
- Maximum current per module: 6.8 A
- Maximum current per fixture: 13.6 A (115V)
- Power factor: >90
- THDV [ANSI] 7,83%
- THDA [ANSI] 7,17%

Photometric Specifications

- Light source: High-power LED
- Luminous flux: 65 000 lm at 5600K (source)
- Optics: Secondary lens
- Color rendering index (CRI): > 70
- LED colors: White (standard), Red-green-blue-white or amber (upon request)
- Efficacy: 100 lm/W

Diagramme de cône lumineux



Mechanical Specifications

- Module size: 12.5cm (W) x 5.3cm (L) x 45.5cm (H)l(4.9 x 13.5 x 18 in)
- Module weight: 5.5 Kg (12 lbs)
- Fixture size: 32.5 cm (W) x 25.5 cm (L) x 47 cm (H)l(12.75 x 10 x 18.5 in)
- Fixture weight: 17.3 kg (38 lb.)
- Safety restraint device: Steel cable 0.32 cm (0.125 in) per module
- Restraint capacity: 454 kg (1000 lbs) per cable
- Vertical adjustments: 90 °
- Horizontal adjustment: ±180 °
- Heat dissipation: Convection using heat sink

Other Specifications

- Protocol: DMX 512
- RS-422 communication port: 2 for technical interface
- Optocoupled input: 4 (0%, 33%, 66%, 100% preset intensity)
- Data refresh rate: 100 Hz (fps)

Return Projector Series

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Projector Series 2500 series



Delivering as much as 150 000 lumen the Lidlum™ 2500 Series LED Indoor/Outdoor Lighting System is designed for venues and locations requiring long light projections and low glare.

Incorporating the same benefits and robustness of previous Lidlum LED models, the Lidlum™ 2500 Series also offers the mechanical requirements for use outdoors as well as indoors. It consists of four heavy duties, anodized all aluminum heat sink modules in an easy-to-align frame and yoke. This fixture is robust, versatile and features a heavy duty anodized aluminum heat sink that will ensure longevity. This fixture will replace two 1500 W HID.

With its proven design tested and adopted by professionals over North America, the Lidlum™ 2500 Series Lighting System is the latest in lumen output and lumen per watt achievements.

Benefits

- Economical
- Robust
- Reliable
- Long lasting
- Flexible
- Environmentally friendly

Advantages

- Runs much cooler
- Lower operation cost
- Low power consumption:
  - Consumes 65% less electricity
- Designed for HD broadcasting of sporting events
- Variety of CCT available
- Highest in class Color Rendering Index (CRI) available
- Easy installation
- Suitable under environmental standards and programs:
  - LEED EB, II On RECYCLE!, EA, GES, MR, EnerCible, DEEE
- Extra long life time
- No modulation (pulsing of the light)
- Different input voltages
- Prevents damage caused by ultraviolet rays to surrounding material
- Wide Selection of TIR lenses to meet specific light distribution needs and bring light onto the pitch
- Modules available in different color LEDs
- Made with recyclable materials low carbon footprint
- Possibility of refurbishment at end of life
- LEDs and other components easily replaceable
- Low use of raw materials
- 5-year warranty
- Fixture can be mounted either top or bottom configuration



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Next

Return Projector Series

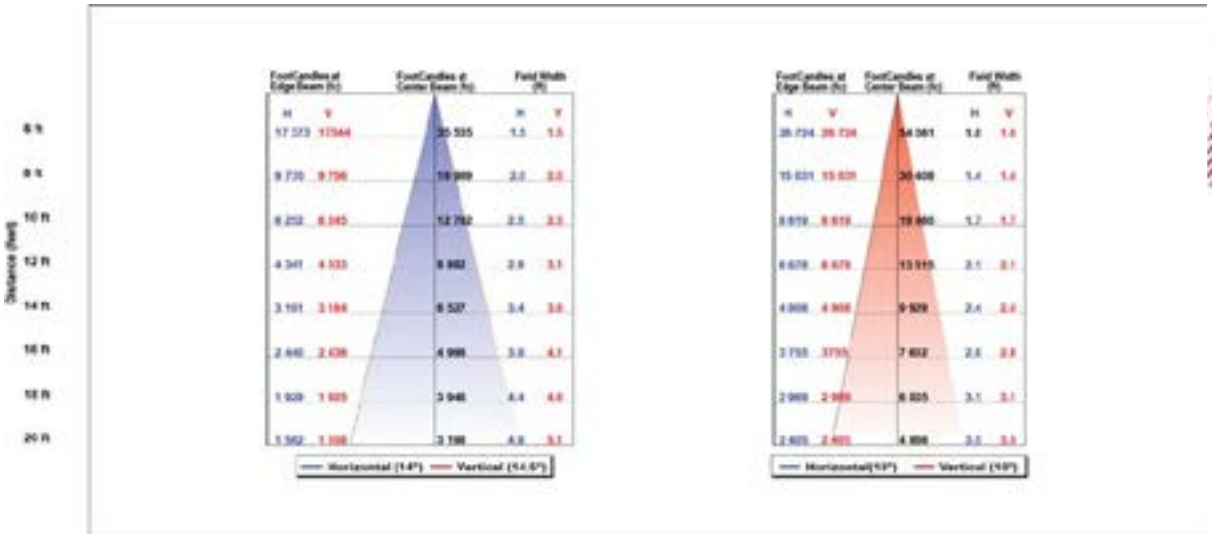
Electrical Specifications

- *Maximum power per fixture: *1400 W
- *Maximum current per fixture: 5,3 A at 277 V AC
- *Typical current per module: 7,6 A at 48V DC
- *Power Factor: 95 %

Photometric Specifications

- Light Source: High-power LED
- *Luminous Flux: 150 000 lm at 5700K (source)
- Optics: Secondary Lens
- Color Rendering Index (CRI): >70
- LED Colors: Cool white @ 5700K (standard)
- *Efficacy: 107 lm/W

Éclairement lumineux



Mechanical Specifications

- *Module Size: 28 (W) x 28 (H) x 4 (D) inches | (91,8 x 91,8 x 13.12 cm)
- *Module Weight: 40 lbs (18,1 kg) (excluding mounting hardware)
- Safety Restraint Device: Steel cable 0.125 inch (0.32 cm) per module
- Restraint Capacity: 1,000 lbs (454 kg) per cable
- Vertical Adjustment: 90 º
- Horizontal Adjustment: 180 º
- Heat Dissipation: Convection using heat sink
- Certifications: IP66, IP67

Miscellaneous Specifications

- Data Refresh Rate: 100 Hz (fps)

Return Projector Series

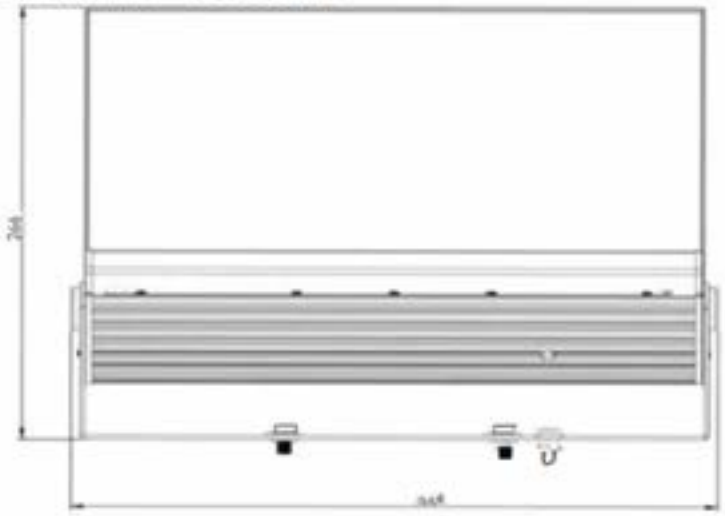
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Electrical specifications

- Class 2
- Type of driving : Constant current
- Input voltage : 115 - 277 (347 optional)
- Efficiency :> 85%
- Electrical consumption : 50 W
- Power factor : > 0.95 à 115 ou 120 VAC

Photometric specifications

- Light source : LED
- LED distribution (FWHM) : 115°
- LED distribution (Field) : 140°
- Optic : None
- High power LED 3000K
- Luminous flux : 6000 lm
- Color rendering index : > 80
- Efficiency : 90 lm/W
- LED life duration : > 100 000 hrs





Mechanical specifications

- Casing : extruded aluminium
- Overall fixture size : 266 mm (long) x 354mm (width) x 128 (high) mm
- adjustment: 180° vertical
- Paint : Silver anodize
- Color: RAL 9007 grey (other colors on demand)
- Fixture weight : 2,3 Kg
- Heat dissipation : Natural convection using heat sink
- Protection : IP20

Next

Return Projector Series

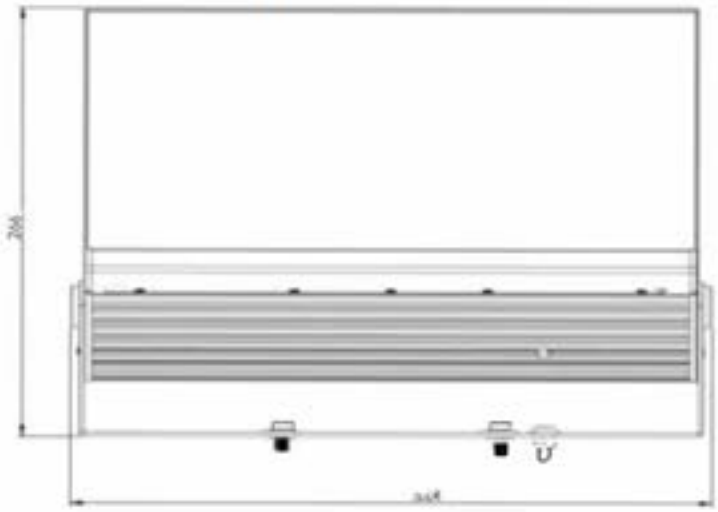
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Lidlum Series LA3009CC Grow Lights



From our long experience and collaboration with horticultural scientists, comes the latest addition to our agricultural line of products. With an incredible 1700 uMols light output, optimized power consumption and maintenance-free design, the Lidlum Series LA3009CC will meet your most demanding needs. The Lidlum Series LA3009CC is designed to be simple, durable, hassle free, strut channel mountable and our fanless design grants you peace of mind in tight spaces with its 120° light distribution pattern. The LA3009CC is IP66 rated. Should something go wrong, you can easily service your lights on the field in minutes with basic tools, ensuring production continuity.

Benefits

- High crop yield
- Rugged IP66 rated
- Reliable
- Long lasting
- Flexible
- Strut channel mountable with brackets or stainless steel wire
- Environmental friendly (green)
- High coverage (120° distribution)
- Suited for pharmaceutical plants
- Customizable wavelength (optional)

Advantages

- Instant on
- Consumes up to 65% less electricity than HPS fixtures of a similar flux
- Long lifetime
- Made in Canada with recyclable materials, low carbon footprint
- Field serviceable
- Driver will withstand low and high temperatures
- Possibility of refurbishment at end of life
- 5 year limited warranty on the light source and 5 year on the drivers
- Compatible with Lidlum advanced light management system



Next

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Electrical Specifications

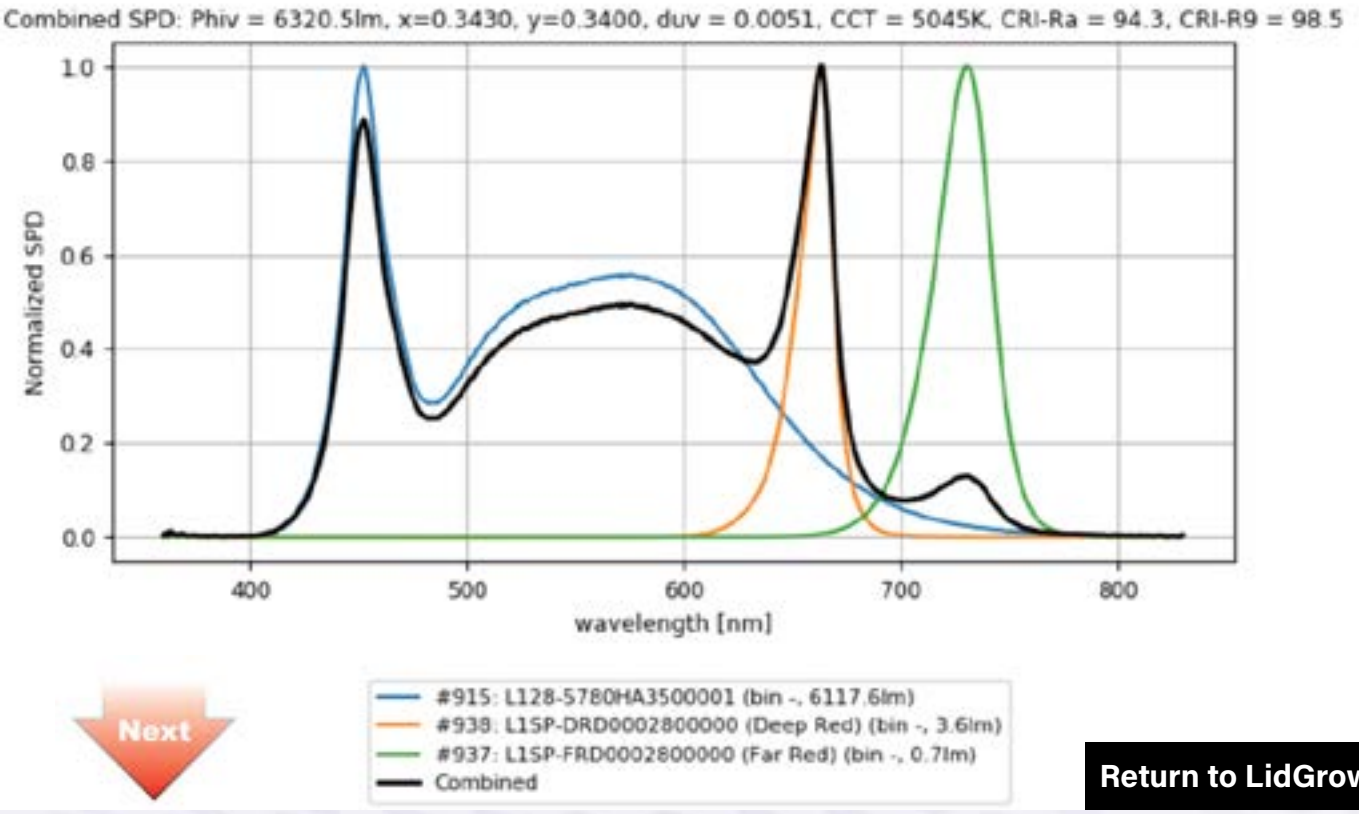
- Power consumption: 740 W
- Input voltage: 347 VAC (120-277 VAC optional)
- Power supply output voltage: 48V DC
- Power factor: 0.95
- Efficiency: > 91.5%
- Dimming: 0-10 V dimmer (optional)
- All our products are CSA certified by QPS



Photometric Specifications

- Light source: Lumileds Agro SunPlus 2835
- Light Angle Distribution: 120 degres
- Luminous flux: 1700 umols (without lens)
- Efficiency: 2.3umols/W (initial)

- Spectrum type: Broad
- Blue band ratio: 20% between 400nm-500nm
- Green band ratio: 36% between 500nm-600nm
- Red band ratio: 38% between 600nm-700nm
- Far-Red band ratio: 6% between 700nm-780nm



Next

Return to LidGrow series

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Mechanical specifications

- Luminaire single unit size (L x W x H): 1168.4 mm X 127mm X 101.6mm (46 X 5 X 4 in)

- Luminaire overall size (L x W x H): 1168.4 mm X 304.8mm X 101.6mm (44 X 12 X 4 in)
- Luminaire overall weight: 5.4 kg / 12 lbs
- Strut mountable with 2 anodized aluminum brackets on 1 5/8" square tubing.

- Meanwell or Autec power supply units
- Power supply unit size (L x W x H): 355.6mm X 50.8mm X 203.2mm (14 X 2 X 8 in)
- Power supply unit weight: 3.9kg / 8.6 lbs
- 480VAC rated AC power cable length: 1.83m (6ft)
- DC power cable length: 1.83m (6ft)
- Strut mountable with 2 anodized aluminum brackets on 1 5/8" square tubing.

- Heat dissipation: Natural convection using a heat sink
- Coating: Anodized aluminum



aluminum hanger with adjustable rod

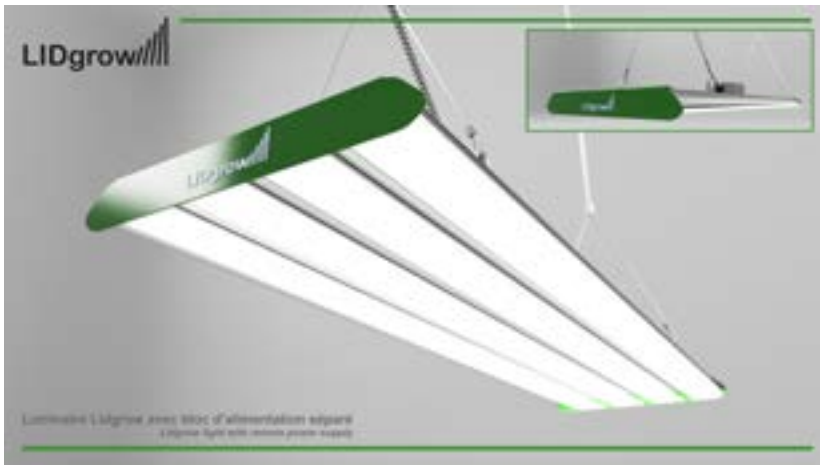


aluminum hangers for power supply

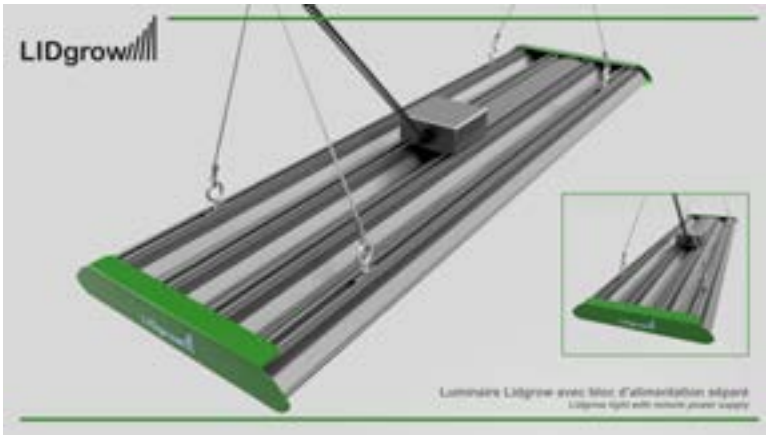
IP66

Return to LidGrow series

LIDGROW Series LA3146



From our long experience and collaboration with horticultural scientists, comes the latest addition to our agricultural line of products. With an incredible 1700 uMols light output, optimized power consumption and maintenance-free design, the Lidlum Series LA3146 will meet your most demanding needs. The Lidlum Series LA3146 is designed to be simple, durable, hassle free, strut channel mountable and our fanless design grants you peace of mind in tight spaces with its 120° light distribution pattern. The LA3146 is IP66 rated. Should something go wrong, you can easily service your lights on the field in minutes with basic tools, ensuring production continuity.



Benefits

- High crop yield
- Rugged IP66 rated
- Reliable
- Long lasting
- Flexible
- Strut channel mountable with brackets or stainless steel wire
- Environmental friendly (green)
- High coverage (120° distribution)
- Suited for pharmaceutical plants
- Customizable wavelength (optional)

Advantages

- Instant on
- Consumes up to 65% less electricity than HPS fixtures of a similar flux
- Long lifetime
- Made in Canada with recyclable materials, low carbon footprint
- Field serviceable
- Driver will withstand low and high temperatures
- Possibility of refurbishment at end of life
- 5 year limited warranty on the light source and 5 year on the drivers
- Compatible with Lidlum advanced light management system



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Return to LidGrow series

Electrical Specifications

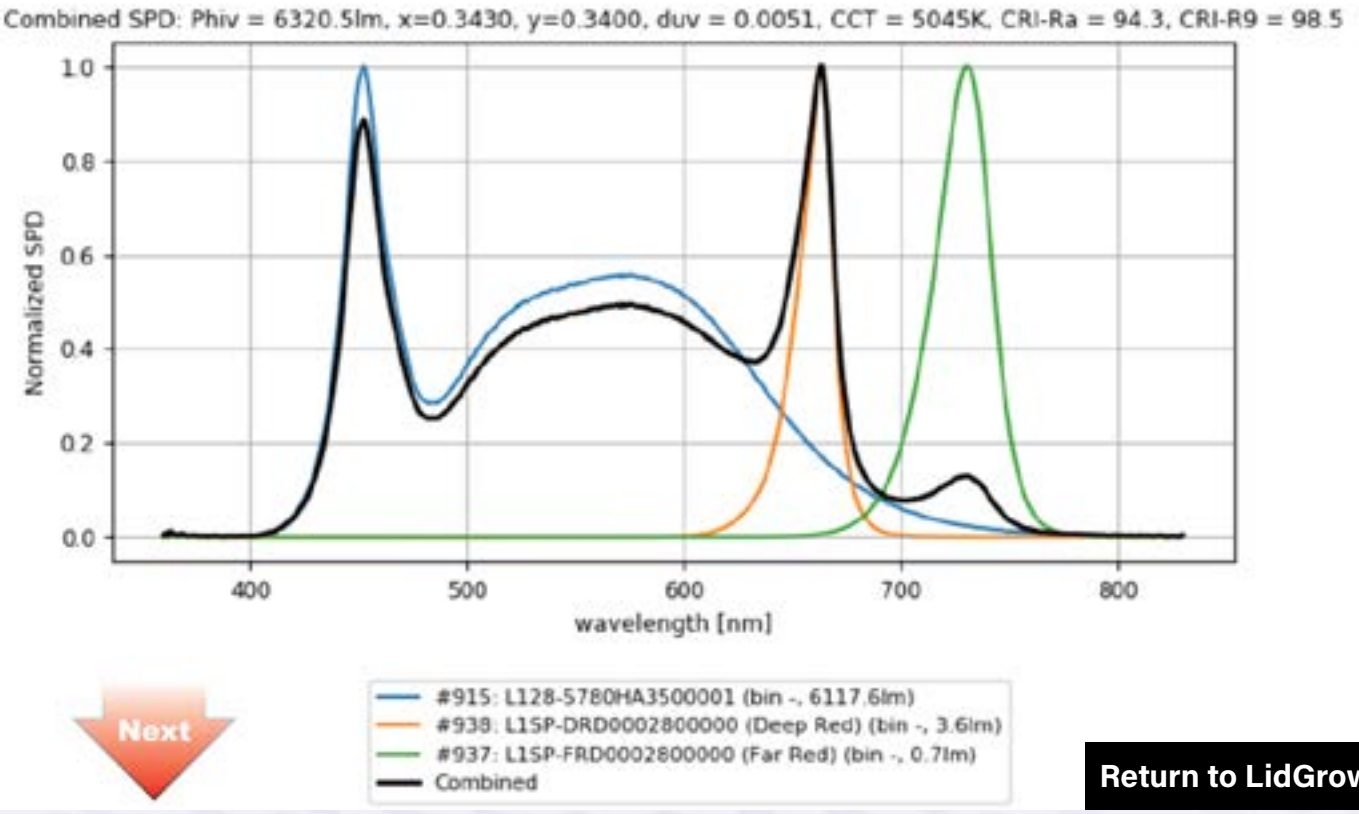
- Power consumption: 740 W
- Input voltage: 347 VAC (120-277 VAC optional)
- Power supply output voltage: 48V DC
- Power factor: 0.95
- Efficiency: > 91.5%
- Dimming: 0-10 V dimmer (optional)
- All our products are CSA certified by QPS



Photometric Specifications

- Light source: Lumileds Agro SunPlus 2835
- Light Angle Distribution: 120 degres
- Luminous flux: 1700 umols (without lens)
- Efficiency: 2.3umols/W (initial)

- Spectrum type: Broad
- Blue band ratio: 20% between 400nm-500nm
- Green band ratio: 36% between 500nm-600nm
- Red band ratio: 38% between 600nm-700nm
- Far-Red band ratio: 6% between 700nm-780nm



Next

Return to LidGrow series

Mechanical specifications

- Luminaire size (L x W x H): 1219.2 mm X 304.8mm X 101.6mm (48 X 12 X 4 in)
- Luminaire weight: 4.5 kg / 10 lbs
- Strut mountable with 2 anodized aluminum brackets on 1 5/8" square tubing.

- Meanwell or Autec power supply units
- Power supply unit size (L x W x H): 355.6mm X 50.8mm X 203.2mm (14 X 2 X 8 in)
- Power supply unit weight: 3.9kg / 8.6 lbs
- 480VAC rated AC power cable length: 1.83m (6ft)
- DC power cable length: 1.83m (6ft)
- Strut mountable with 2 anodized aluminum brackets on 1 5/8" square tubing.

- Heat dissipation: Natural convection using a heat sink
- Coating: Anodized aluminum



aluminum hanger with adjustable rod



aluminum hangers for power supply

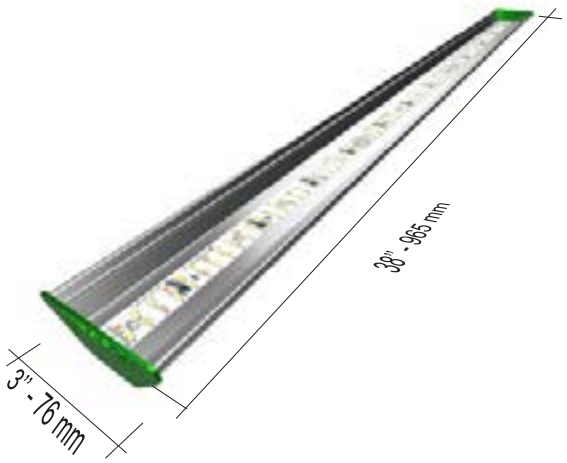
Return to LidGrow series

Linear AGRO fixture



LIDgrow

Our LED lighting compares favorably with any type of traditional growing lights



Advantages

- **Simple**
- **Economic**
- **Powerfull**
- **Modular**
- **Light weight**
- **Easy installation**
- **Adjustable height**



Power consumption : - 660 Watts / 6 units
Solo mode

- 330 Watts / 6 units
Duo mode

µmol / dry delivered : from 1200 to 1575 µmol / sec* for 6 units

* May vary according to spectral pattern or LED's availability

Return to LidGrow series

Custom series



The LS8001 goal light kit was design for venues that want major league and professional look with a low profile system but yet gets a gigantic effect when goal is scored. It feature a low profile Polycarbonate enclosure in which both red and green lights are included that gets installed onto the dasher board. No more post to install and or spectator view blocked with those goal lights. When turned on a nice and bright hallow appears in the glass. It will adapt to your existing scoreboard and judge consol hard wire or wire less.

Benefits

- Increase seats value
- Robustness and reliability
- Maintenance free
- Environmentally friendly
- High brightness and glow effect in glass in all directions



Advantages

- Instantaneous effect
- Extreme long life time
- Will adapt to the existing score control and judge console
- High brightness and Colorfullness
- Made with recyclable materials, low carbon footprint
- Possibility of refurbishment at end of life
- Remove spectator's view obstruction
- Simultaneous all direction view
- Versatile
- Attached to dasher board



Next

Return to custom series

Custom series

Electrical specifications

- Input voltage: 120 - 240 VAC
- Power consumption: 50W
- Max current for the system: 700 mA
- Power factor: 95%
- Efficiency: > 90%

Photometric specifications

- Red
  - Flux: 1800 lm
  - Efficiency: 63 lm / W
  - Wave length: 627 nm, (half-width 20 nm)
- Green
  - Flux: 1500 lm
  - Efficiency: 65 lm / W
  - Wave length: 530 nm, (half-width 30 nm)
- Light distribution
  - Horizontal axis:360°
  - Vertical axis: 180° from the horizontal.

Mechanical Specifications

- 2.5 inches (H) x 7 inches (D) x 30 inches (L)
- Operating temperatures -35°C + 80°C

Technical Support

- System includes a complete wiring diagram and suggestions for plugging in
- Each kit include std distance technical support
- Turn key refurbishing service available for most NHL system (optional)

Return to custom series