

Catalog of lighting products

Design and made in Canada



Sport



Industrial



Architecture



Horticulture



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



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



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



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



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



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



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



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

Sport Industrial Architecture



LC 1001

Sport Industrial



LR0202

Sport Industrial Architecture



LR0202 - 3 modules

Sport Industrial



LR0202 - Twin mount

Sport Industrial



LR0202 - triple mount

Sport Industrial



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

Sport Industrial Architecture



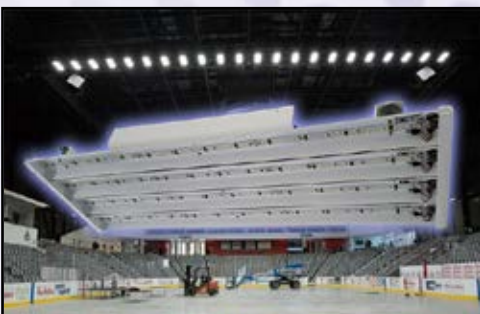
LS3126

Sport Industrial



LS3136

Sport Industrial Architecture



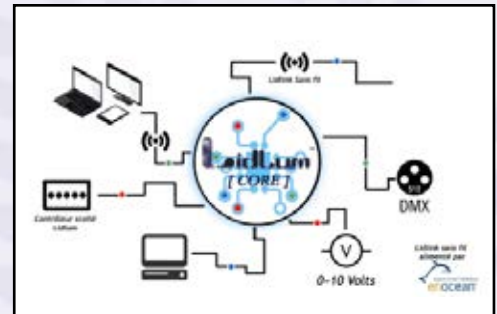
LS3146

Sport Industrial Architecture



LP3172

Architecture



LidLink



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 amphitheatres, stadiums, airports...
In white, variable white or RGB!



LR 1000

Sport

Industrial

Architecture



LR 1000 RGB

Sport

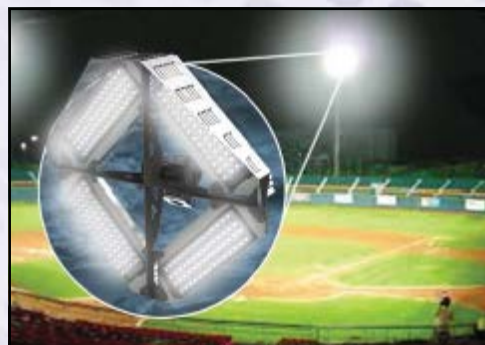
Industrial

Architecture



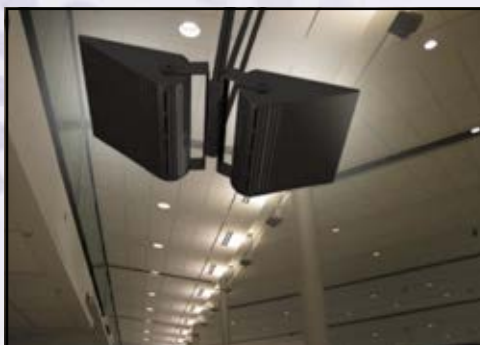
LS1022

Sport



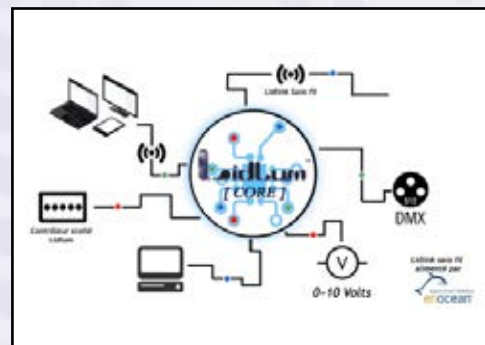
Série 2500

Sport



LP 9010

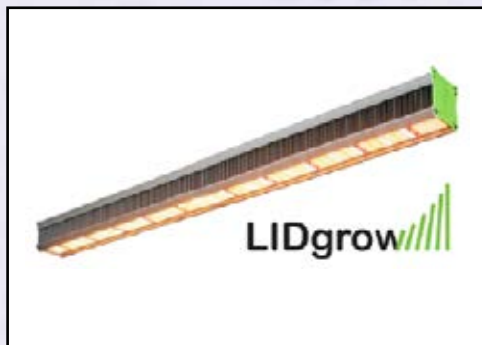
Architecture



LidLink

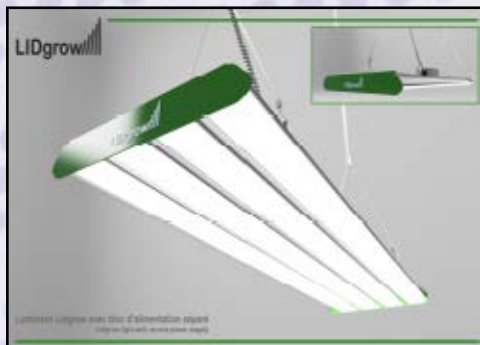


The LIDGROW horticultural lighting series makes indoor growing much less energy consuming and much more efficient than traditional HPS lighting. In addition, LED technology now allows new possibilities such as: adjustable light spectrum, variety of lighting scenarios, variable intensity, etc...



LA3009CC

Horticulture



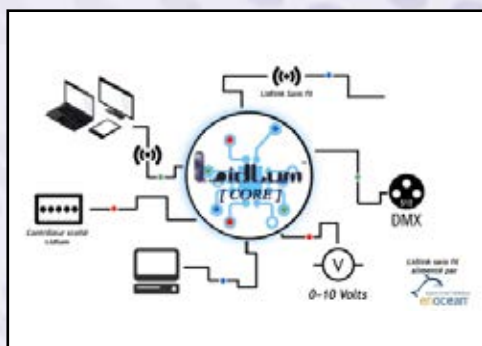
LA3146

Horticulture



LidGrow

Horticulture



LidLink



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



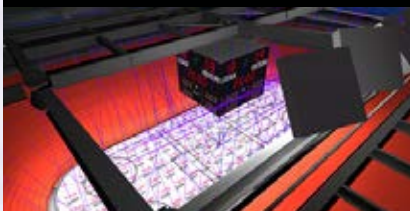
Our team of specialists can design a configuration of Light Emitting Diodes (LEDs) according to your specifications. By optimizing the necessary electronic circuits, the performance of our custom lighting will be optimal.

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.

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

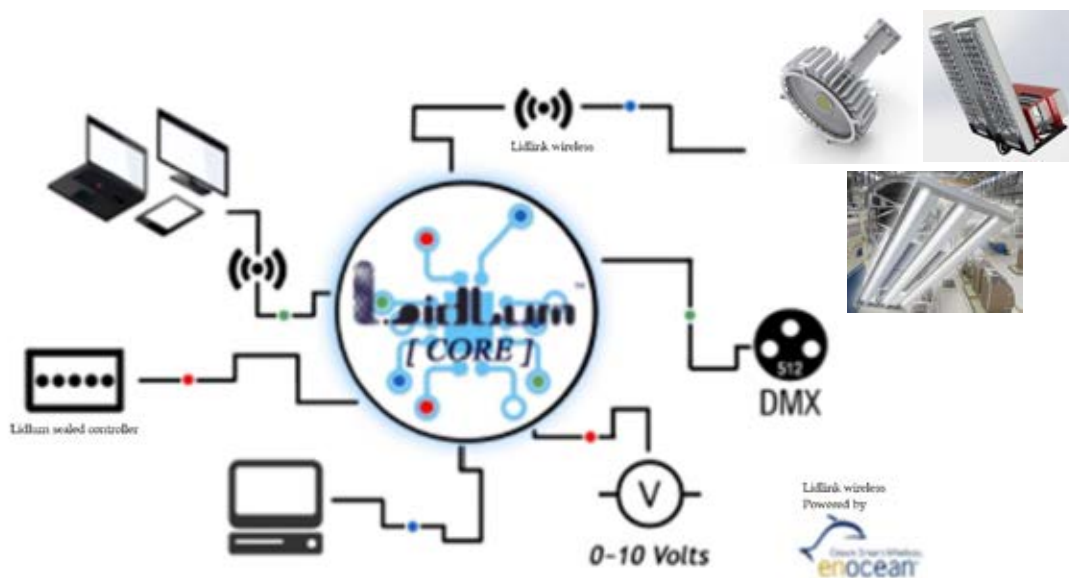
After sales service





Lidlink 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.

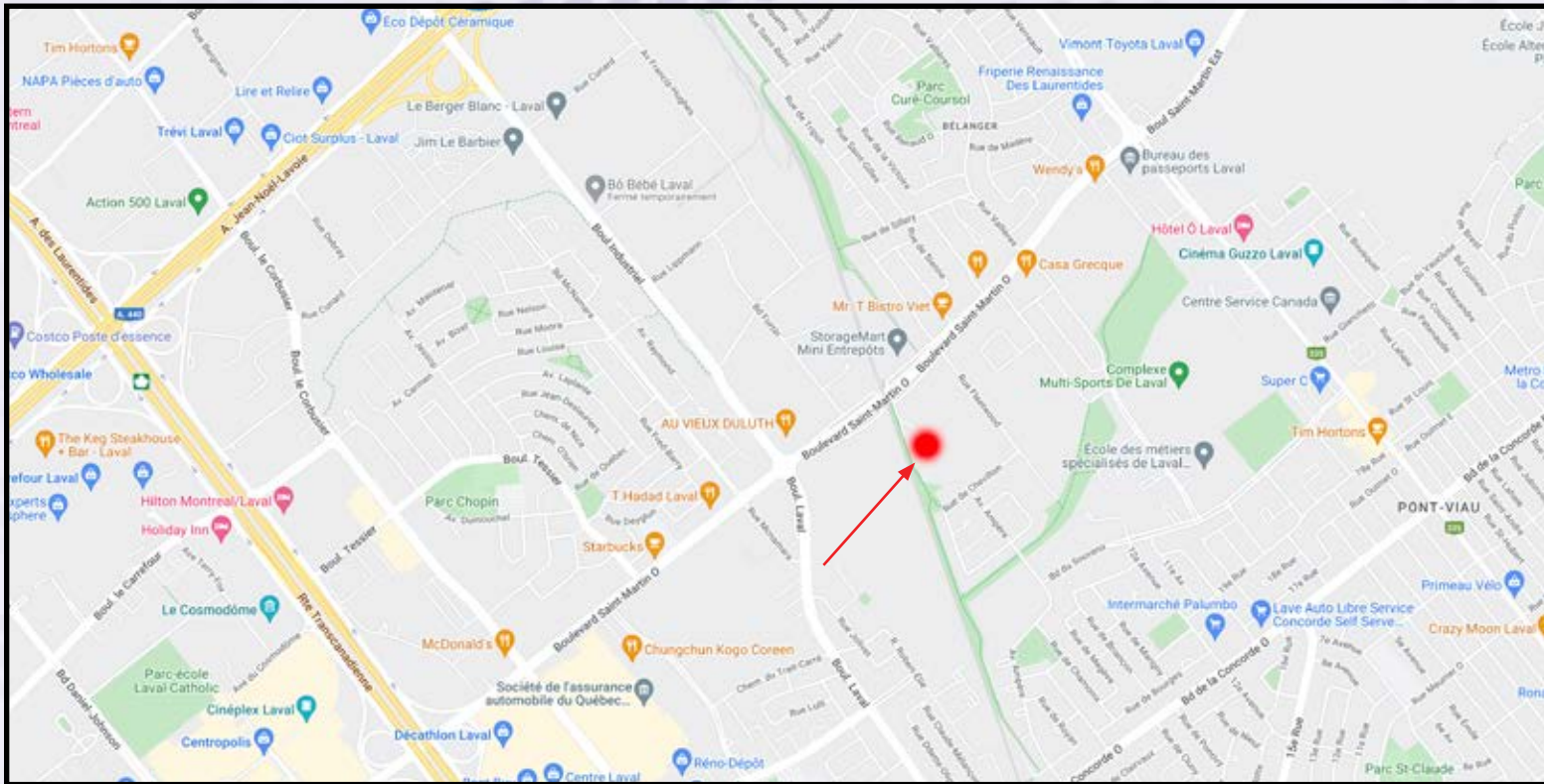


Lidlum Lidlink Customizable Touch Screen Controller

LidlinkTM 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.



**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



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)
- Luminous 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





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.

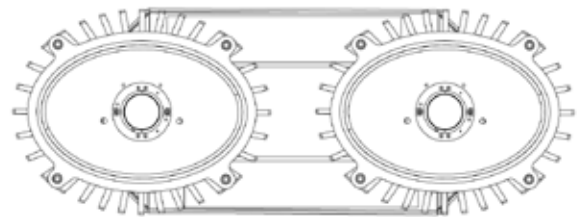
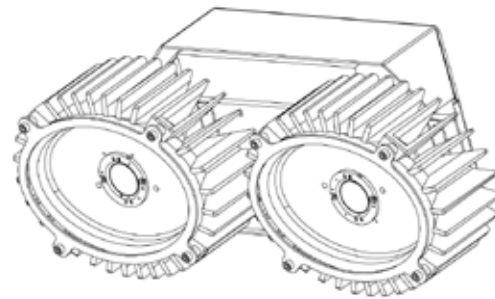
Designed for use in height, the LR0202 Series adapts itself perfectly to high mast applications. An optional light intensity management system, efficient and easy to use, allows for a maximum of operational savings to be drawn, whether from local or remote control.

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



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**



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.

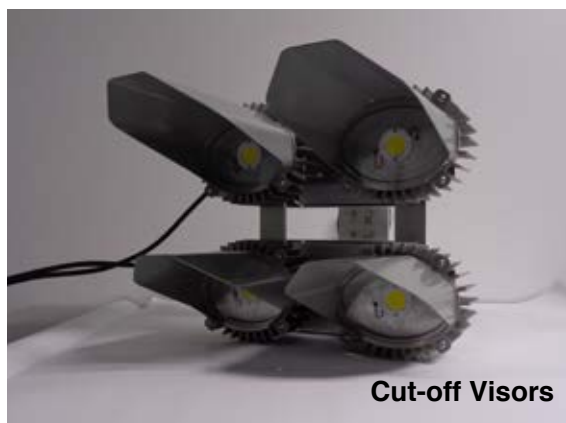
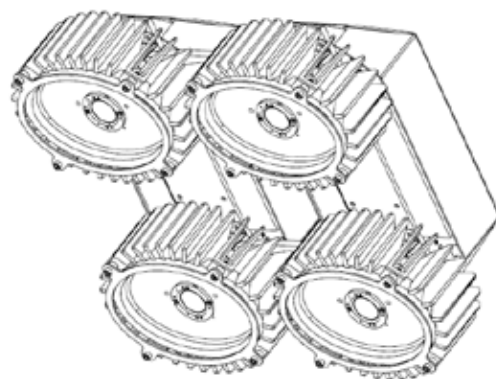
Designed for use in height, the LR0202 Series adapts itself perfectly to high mast applications. An optional light intensity management system, efficient and easy to use, allows for a maximum of operational savings to be drawn, whether from local or remote control.

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



Cut-off Visors

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)
- Luminous 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





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 channels. 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



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 channel 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 = 55°C)
- 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





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 channels. 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)

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 = 55°C)
- 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



Image showing LS3136

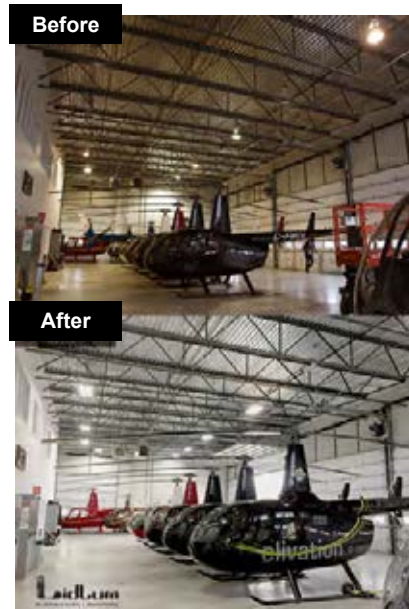
Delivering up to 62 000 lumens, the LS31x6 series (with fixed or optional tunable CCT) is a LED fixture designed for sport applications that require a high lumen output but yet a slick look and a wide variety of white. It can be hanged, surface mounted or wall mounted in direct or indirect light applications. 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 channels. 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

- Economical
- 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)



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



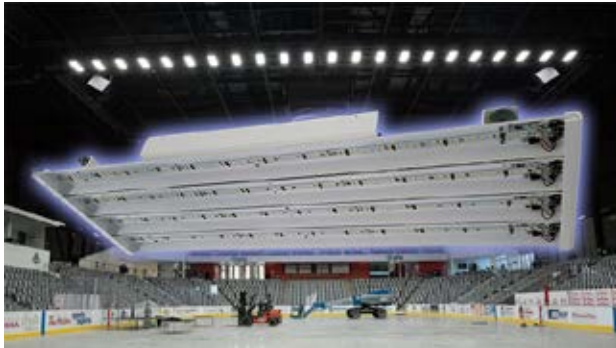


Image showing LS3146

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

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



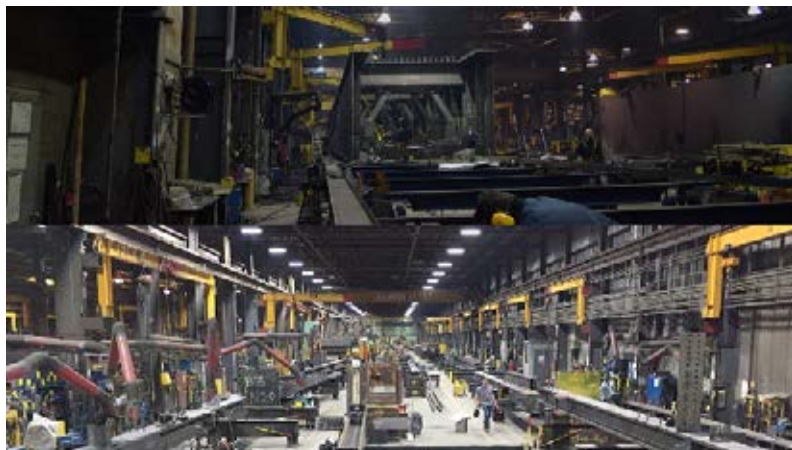
Photometric specifications

- 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





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 its **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



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

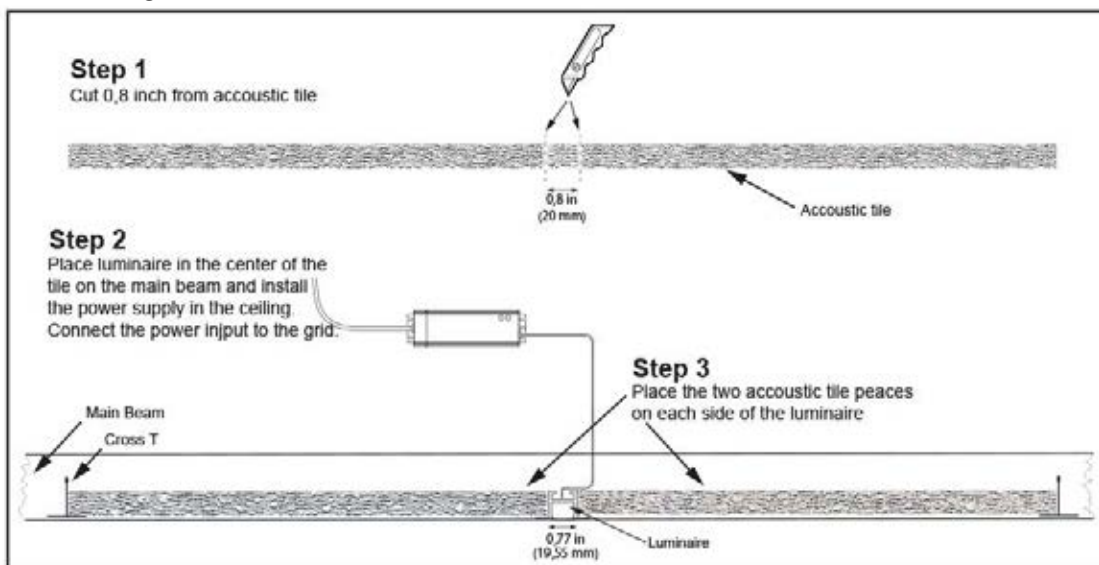
Photometric specifications

- 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 ($T_j = 75^\circ\text{C}$) 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)

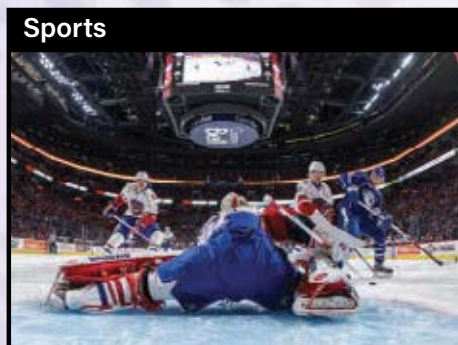
Efficient. Powerfull. Intelligent.

- 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 !**



Technical specifications

Electrical Specifications

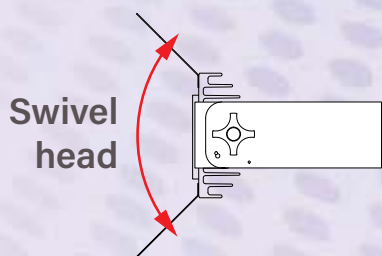
- Power consumption : 251W
- Input Voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 48 V DC
- Power factor : 0.96
- Efficiency : > 95%
- Dimming : 0 to 10V (optional)
- All of our products are listed cULus or cQPus

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 optionalL)
- 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



Efficient. Powerfull. Intelligent.

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



RGB + White available



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

Sports



Architecture



Technical specifications

Electrical Specifications

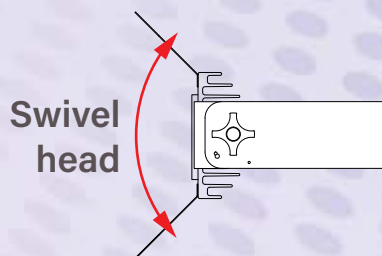
- Power consumption : 251W
- Input Voltage : 347 VCA (120-277 VCA optional)
- Power supply output voltage : 48 VDC
- Power factor : 0.96
- Efficiency : > 95%
- Dimming : 0 to 10V (optional)
- All of our products are listed cULus or cQPus

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 optionalL)
- 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





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





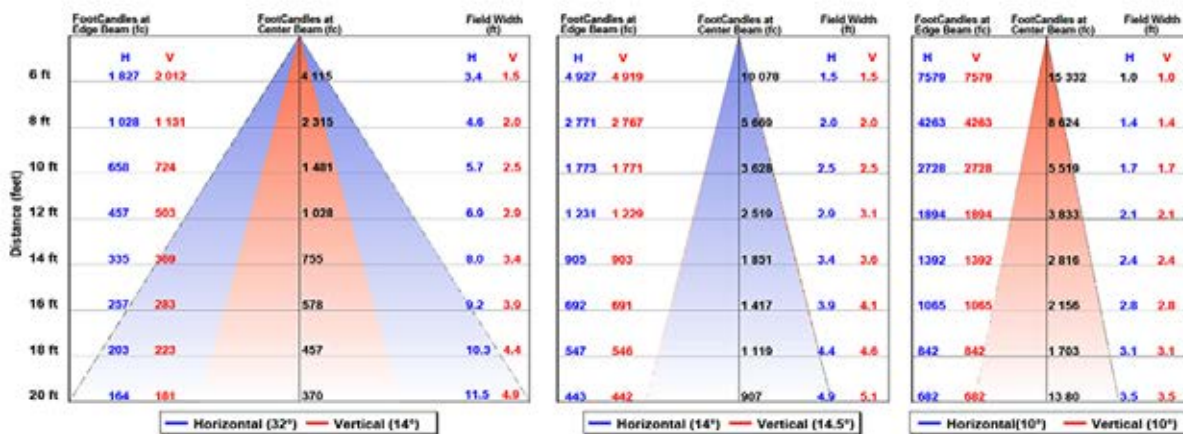
Electrical Specifications

- 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)(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)(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)



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



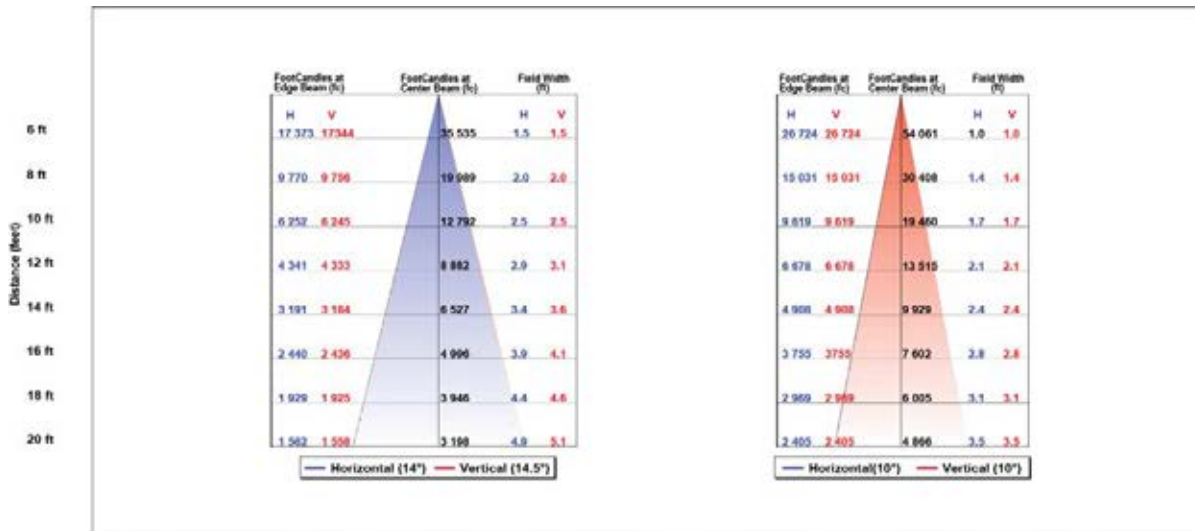
Electrical Specifications

- *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

Éclairage 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 °
- Horizontal Adjustment: 180 °
- Heat Dissipation: Convection using heat sink
- Certifications: IP66, IP67

Miscellaneous Specifications

- Data Refresh Rate: 100 Hz (fps)



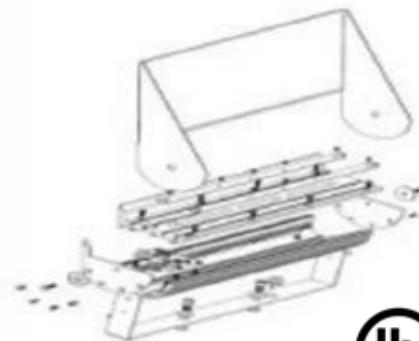
Providing 4100 lm at 3000 kelvin, the LP9010 is an architectural LED luminaire designed to be used in a variety of applications such as indoor indirect lighting built with the best available components on the market. This rugged and versatile fixture is constructed of extruded aluminum with an electrostatically coated thermoset finish. Compared to similar fixtures, with HID bulbs, the LP9010 consumes 50% less power for a similar beam with a 15% higher lumen output. With its efficiency, performance and cutting-edge design the LP9010 is an economical and high performance choice over any other technology, including the LED fixtures offered by the competition. In addition, with this fixture you may be eligible for a rebate offered by the electricity providers. Finally, its built-in intensity control feature allows you to adjust the light level individually for each luminaire.

Benefits

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

Advantages

- Instant
- Integrated dimming function
- Low cost consumption - Consume 55 % less electricity than equivalent fixture
- Reduces the cooling costs of the building
- Long life time
- Dimmable (option)
- Variety of color temperature available
- Made with recyclable materials
- Field serviceable
- Driver will withstand low temperatures
- Possibility of refurbishment at end of life
- 5 years warranty

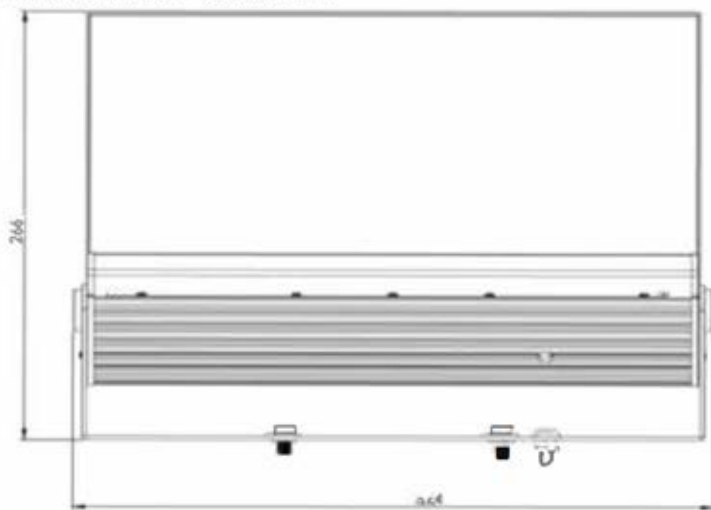


Electrical specifications

- 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

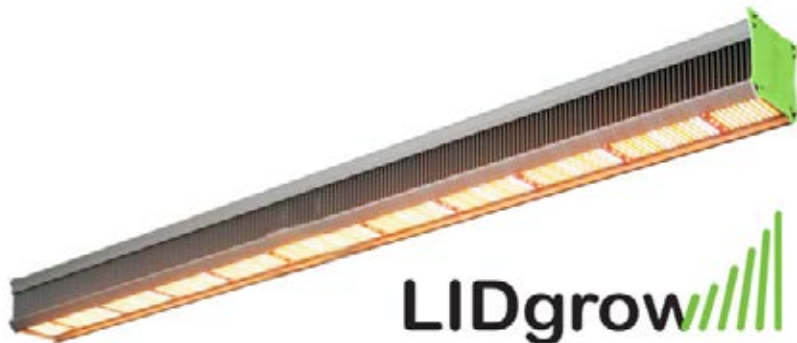
- Light source : LED
- LED distribution (FWHM) : 115°
- LED distribution (Field) : 140°
- Optic : None
- High power LED 3000K
- Luminous flux : 6000 lm
- Color rendering index : > 80
- Efficiency : 90 lm/W
- LED life duration : > 100 000 hrs



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

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



Electrical Specifications

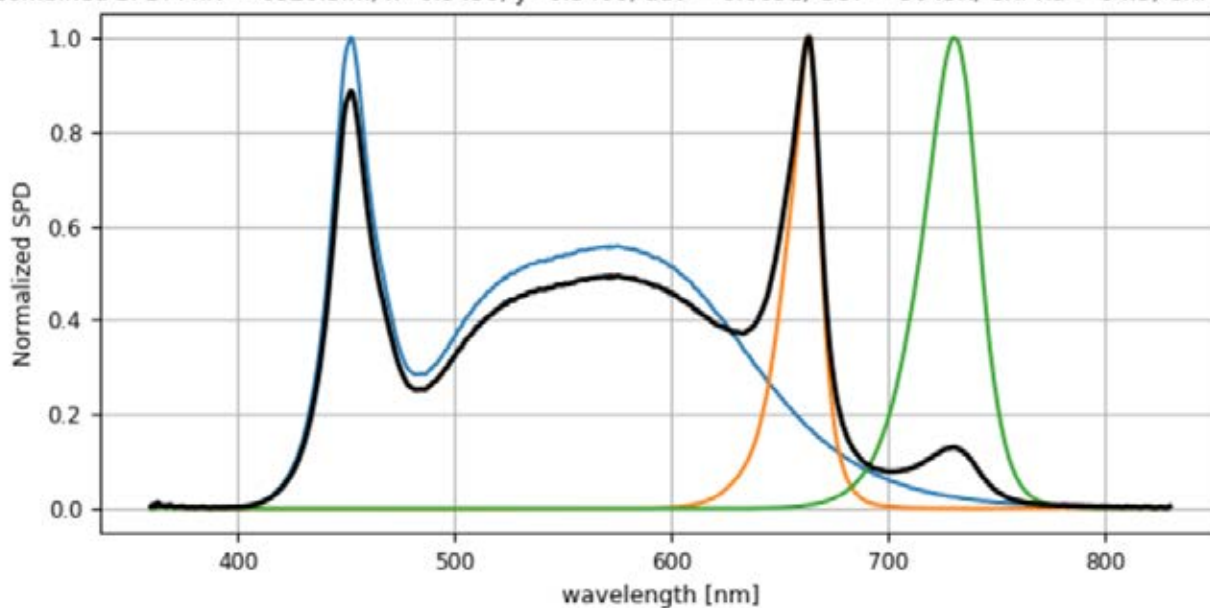
- Power consumption: 740 W
- Input voltage: 347 VAC (120-277 VAC optional)
- Power supply output voltage: 48V DC
- Power factor: 0.95
- Efficiency: > 91.5%
- Dimming: 0-10 V dimmer (optional)
- All our products are CSA certified by QPS



Photometric Specifications

- Light source: Lumileds Agro SunPlus 2835
- Light Angle Distribution: 120 degrees
- 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

Combined SPD: $\Phi_{iv} = 6320.5lm$, $x=0.3430$, $y=0.3400$, $d_{uv} = 0.0051$, CCT = 5045K, CRI-Ra = 94.3, CRI-R9 = 98.5



- #915: L128-5780HA3500001 (bin -, 6117.6lm)
- #938: L1SP-DRD0002800000 (Deep Red) (bin -, 3.6lm)
- #937: L1SP-FRD0002800000 (Far Red) (bin -, 0.7lm)
- Combined

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

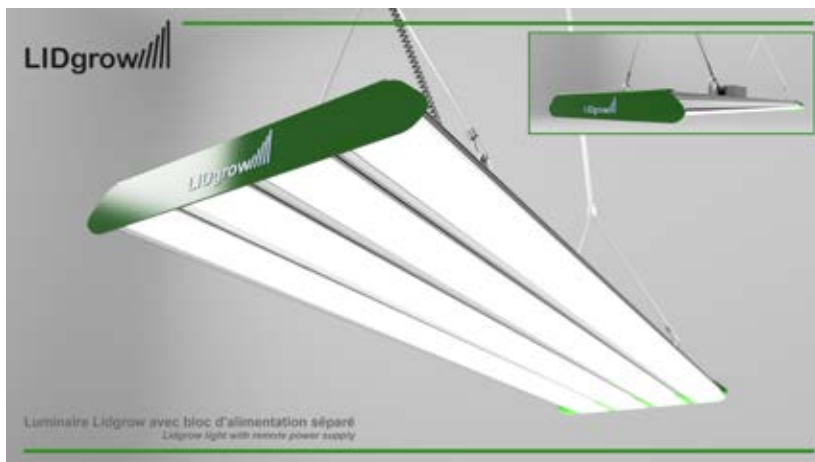


aluminum hanger with adjustable rod



aluminum hangers for power supply

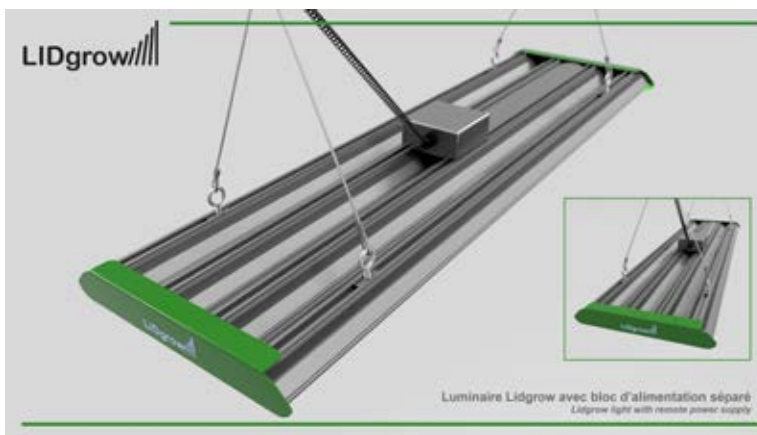




From our long experience and collaboration with horticultural scientists, comes the latest addition to our agricultural line of products. With an incredible 1700 uMols light output, optimized power consumption and maintenance-free design, the Lidlum Series LA3146 will meet your most demanding needs. 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



Electrical Specifications

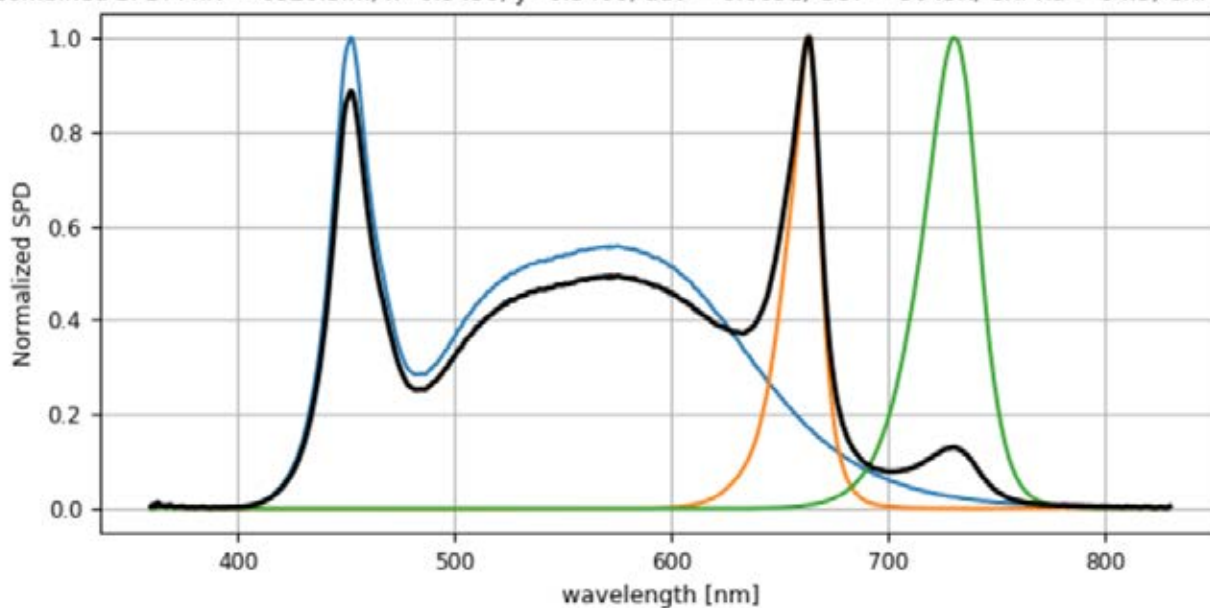
- Power consumption: 740 W
- Input voltage: 347 VAC (120-277 VAC optional)
- Power supply output voltage: 48V DC
- Power factor: 0.95
- Efficiency: > 91.5%
- Dimming: 0-10 V dimmer (optional)
- All our products are CSA certified by QPS



Photometric Specifications

- Light source: Lumileds Agro SunPlus 2835
- Light Angle Distribution: 120 degrees
- 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

Combined SPD: $\Phi_{iv} = 6320.5lm$, $x=0.3430$, $y=0.3400$, $d_{uv} = 0.0051$, CCT = 5045K, CRI-Ra = 94.3, CRI-R9 = 98.5



- #915: L128-5780HA3500001 (bin -, 6117.6lm)
- #938: L1SP-DRD0002800000 (Deep Red) (bin -, 3.6lm)
- #937: L1SP-FRD0002800000 (Far Red) (bin -, 0.7lm)
- Combined

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

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

3-05-22



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



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)

