



Advanced
LIGHTING TECHNOLOGIES

LED LIGHTING

SOLUTIONS





Lighting The Way

Advanced Lighting Technologies has been a leader in the lighting market for over 25 years.

With an established presence in Australia, New Zealand and Southeast Asia, we specialise in architectural, commercial and industrial lighting solutions designed for dozens of applications and industries.

Our relationship with leading lighting manufacturers around the world allows us to supply a wide variety of high-quality, innovative lighting solutions specific to your project requirements. This, coupled with a range of professional services provided by qualified industry experts, means we offer a holistic lighting solution designed to exceed our clients' expectations every time.

In-house Services

- Lighting Solutions and Application Advice
- Lighting Design Service
- Lighting Standards Knowledge and Application
- Lighting Products Technical Support
- Lighting Control System Design and Commissioning
- Project Management
- Sales and Customer Service Support
- Financial and Payback Analysis
- Energy Savings Calculations
- Project Financing Options

CREE LIGHTING

Arcluce

PRACHT

HOLOPHANE

arianna
light looking forward

Sol
by Sunna Design

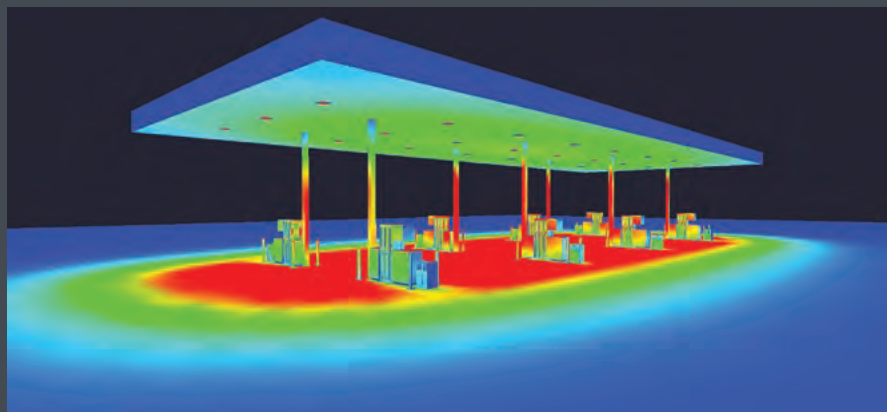
VENTURE

See the difference

Lighting Design

A quality lighting solution has to offer more than reliability, performance and value. It must become part of its surroundings, minimise any impact on the environment and reduce energy consumption. Our team of dedicated staff includes qualified electrical engineers, lighting designers and members of industry organisations.

Our lighting designs and application solutions are produced to meet your project briefs and expectations while ensuring full compliance with New Zealand standards. We follow internal work processes designed to streamline our operations and deliver projects in a timely and cost-effective manner.



Who We Are...

The ADLT Group have completed the acquisition of CREE Lighting US, along with E-conolight and CREE Lighting Canada, marking a significant milestone in the company's ambitious growth strategy. These acquisitions solidify the ADLT Lighting Group as a global leader in the lighting industry, reinforcing its commitment to innovation and excellence.

This acquisition follows the ADLT Lighting Group's purchase of Cree Italy in 2022, as well as the rights to manufacture and sell HID and LED Products bearing the EYE and other Iwasaki trademarks in the US and Canada.

The enhanced lighting platform achieved through these acquisitions, coupled with the significant manufacturing capabilities in Racine and Florence facilities, positions ADLT Lighting Group for continued growth and innovation in the lighting industry.

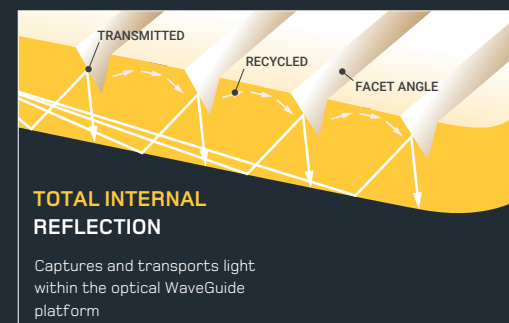
Advanced Technology

Our products are sourced from some of the world's most innovative lighting manufacturers, continuously investing in research and development to ensure their products remain at the cutting edge of LED lighting technology.

WAVEGUIDES

WAVEMAX™ TECHNOLOGY

- CAPTURE LIGHT
- TRANSPORT LIGHT
- EXTRACT LIGHT



WM WaveMax® Technology

Cree Lighting's WaveMax® is a breakthrough in the execution of waveguide technology that challenges industry-standard assumptions of how light is delivered.

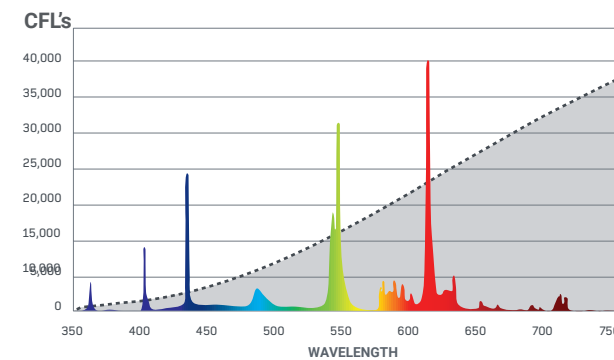
Featuring up to 90% optical efficiency and precise optical control, WaveMax® technology enables customers to obtain unmatched visual comfort and improved colour quality without sacrificing performance. This transformative technology redefines the limits of luminaire design to optimise performance and provides more aesthetic options and unmatched value.

CREE LIGHTING

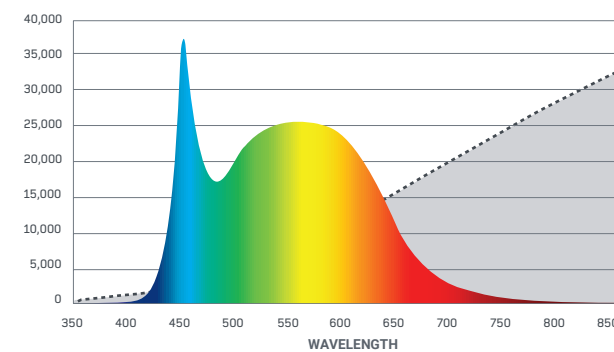
TrueWhite® Technology

Cree Lighting's TrueWhite® technology provides exceptional colour quality to lighting applications. Featuring a broad spectral power distribution, Cree Lighting's TrueWhite® Technology delivers 90+ CRI, high R9 values, and accurate and consistent colour.

The result is high performing, beautiful white light that can dramatically improve the visual appearance of both interior and exterior spaces — all while offering significant energy savings compared to traditional technologies.



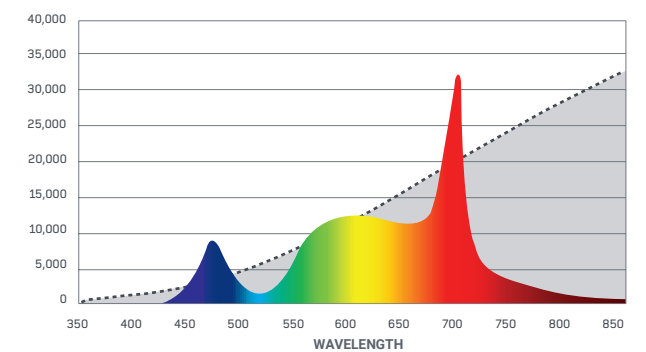
Cree Lighting TrueWhite® Technology with Phosphor Conversion



NanoOptic® Technology

Cree Lighting's NanoOptic® technology is available in multiple optical distributions, Cree Lighting's exterior LED luminaires provide precise optical control for exceptional application performance and energy savings. The NanoOptic® refractor system offers superior light control with more lumens delivered in the target area, improved uniformity ratios and controlled high-angle brightness.

Cree Lighting TrueWhite® Technology with mixing LEDs (BSY+R)





 CREE LIGHTING TRUEWHITE® TECHNOLOGY INCANDESCENT

Area & Street

Cree Lighting's New Generation of Street, Area & Pathway Luminaires



CREE LIGHTING MANY OTHER COLOURS AVAILABLE

SYRIUS

- ✓ 10 YEAR WARRANTY
- ☀ UP TO 6,000 LUMENS
- 💧 IP66
- IK10
- WM WAVEMAX TECHNOLOGY
- ♻ RENEWABLE MATERIALS
- 🔄 FUTURE PROOF*

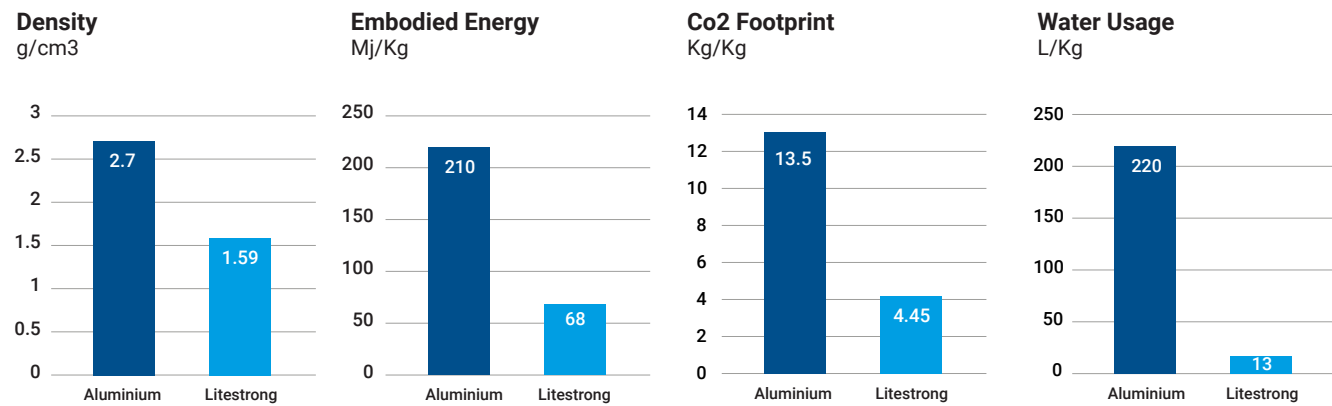


Cree Lighting Sirius

Promising to deliver a new era in street lighting, the Cree Lighting Sirius was engineered to meet the needs of everyone involved in the process - electrical engineers, designers, installers and the people that live under it. The Sirius offers a revolutionary approach to minimising glare, challenging conventions for exterior luminaire design while offering high quality light in a range of colour temperatures to suit all projects.

Built using 98% recyclable materials, it features housing made from an innovative new composite plastic known as Litestrong, designed specifically to reduce Sirius' impact on the environment.

The Cree Lighting Energy Series offers a range of optics including those specifically designed for cycleways, pathways and pedestrian crossings*. (M30 Approved, NZTA/AT Approved)



CREE LIGHTING

ENERGY UNO

- ✓ 5 YEAR WARRANTY**
- ☀ UP TO 8,600 LUMENS
- ▮ FULL CUT OFF
- 💧 IP66
- IK10
- 🔄 FUTURE PROOF*



CREE LIGHTING

ENERGY DUE

- ✓ 5 YEAR WARRANTY**
- ☀ UP TO 15,000 LUMENS
- ▮ FULL CUT OFF
- 💧 IP66
- IK10
- 🔄 FUTURE PROOF*



CREE LIGHTING

ENERGY TRE

- ✓ 5 YEAR WARRANTY**
- ☀ UP TO 26,000 LUMENS
- ▮ FULL CUT OFF
- 💧 IP66
- IK10
- 🔄 FUTURE PROOF*



* Optional / Model Dependent
** Extended Warranty Available

Pole Selection

VICPOLE STREETSCAPE SOLUTIONS | RANGE OF POLES AVAILABLE

VICPOLE POLES

- ✓ 50 YEAR DESIGN LIFE
- ✓ 10 YEAR PAINT FINISH
- ✓ ARCHITECTURAL PAINT FINISH
- ✓ 6.0m, 8.0m, 10.0m, 12.0m MOUNTING HEIGHT OPTIONS



ADLT has tapped in to the vast experience from Vicpole to offer their product range in New Zealand.

From utility street light poles, architectural subdivision poles and even bespoke solutions for any imagination, we offer a complete one-stop-shop for all of your streetscape light pole requirements.

Whatever your colour preference, we can match any Dulux colour range from the Dulux colour chart or the poles can be raw hot-dip galvanised.



CAPELLA



MADISON



OXFORD



PORTLAND

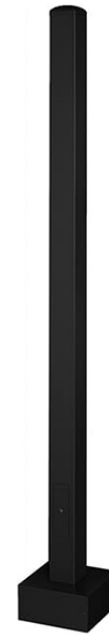


PORCHESTER



QUALITY, ROBUST FINISH
Advanced LIGHTING TECHNOLOGIES

SQUARE PREMIUM POLES

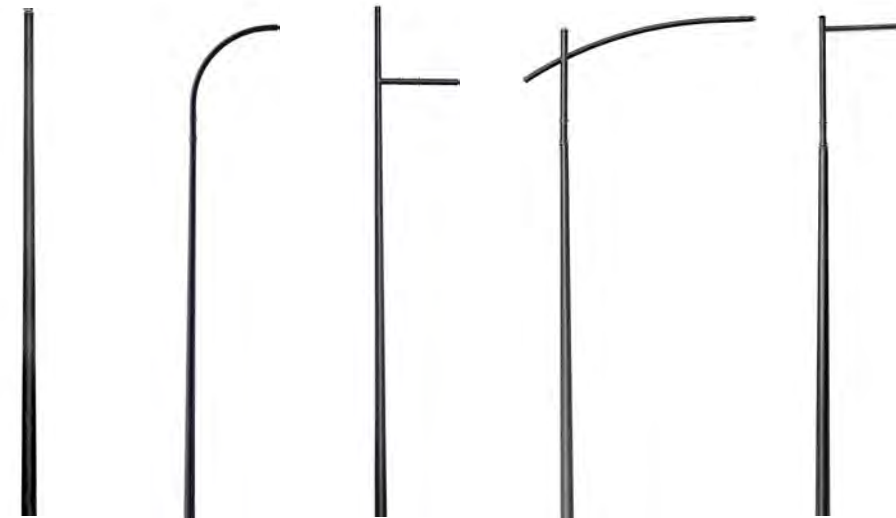


The ADLT Square Pole Series provides outstanding strength and reliability with great value.

These non-tapered poles are available in 4.5m, 6.0m, 7.6m and 9.0m

Each pole is shipped complete with pole foundation cage, welded base with cover and a pole cap (except for the tenon mount).

- ✓ 7 YEAR WARRANTY
- ✓ CROWN-WELD® BASE MULTIPLE BRACKETS AVAILABLE

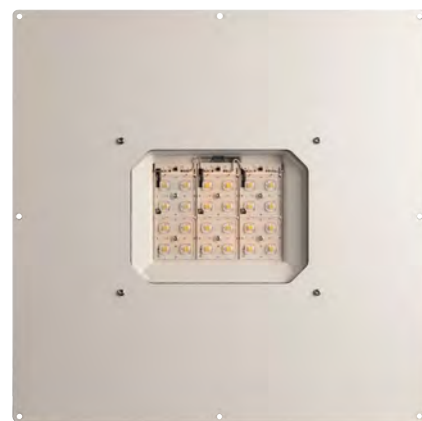




Canopy & Parking

Anywhere vehicles and people come in close contact with each other has the potential to be unsafe. Costly litigation can be avoided by providing an effective lighting solution that allows for safe movement of motorists and pedestrians.

An improved lighting solution can also improve security and make a car park or petrol station appear more inviting.



CREE LIGHTING

DOT FUEL

- 5 YEAR WARRANTY (extended available)
- UP TO 23,600 LUMENS
- IP66
- 70 CRI



CREE LIGHTING

THE PERFECT UPGRADE SOLUTION

DOT MULTI

- 5 YEAR WARRANTY (extended available)
- UP TO 23,600 LUMENS
- IP66
- 70 CRI



CREE LIGHTING

PERFECT PERIMETER SOLUTION

DOT WALL

- 5 YEAR WARRANTY (extended available)
- UP TO 23,600 LUMENS
- IP66
- 70 CRI



HOLOPHANE

5 OPTICAL DISTRIBUTIONS

DENVER iD: WALL

- 5 YEAR WARRANTY
- 700 - 3,000 LUMENS
- IP65
- IK10
- CRI > 70
- LM6 MARINE GRADE DIE-CAST ALUMINIUM
- ZD4i COMPATABILITY VIA TZ01 OPTION
- DRIVERS AND LED MOUNTED SEPARATELY TO PROMOTE LOW OPERATING TEMPERATURES AND LONG SYSTEM LIFE



2-part housing

Denver iD: Wall is constructed in two parts consisting of the front casting combined with the LED module and back box.

This design makes installation easy but also ensures easy maintenance for driver or emergency battery changes.

Cable entry and termination is via 2 x 20mm IP65 membrane cable glands.



The Dot. family

Dot. is a family of modular components that can be retrofitted to LED applications to deliver market-leading energy savings. It is suitable for a diverse range of forms and output requirements in urban, industrial or refueling stations.

Bollards



DENVER ID: BOLLARD

- 5 YEAR WARRANTY
- UP TO 3,000 LUMENS
- IP65
- IK10

The Denver iD: Bollard combines a cohesive family aesthetic with an unrivalled system performance – perfect for creating the ideal design-inspired landscape. Featuring a patented Transition Zone the Denver iD: Bollard offers improved visual comfort; perfect for the unique requirements of pedestrian-friendly amenity spaces.

Arcluce



TULA

- 5 YEAR WARRANTY
- IP66
- IK07



DECORATIVE LED AVAILABLE*

OPTIONAL FUNCTIONS
SENSORS
POWER SUPPLY



Arcluce

KUBIX

- 5 YEAR WARRANTY
- FULL CUT OFF
- IP66
- IK10



DENVER ELITE

- 5 YEAR WARRANTY
- UP TO 2,000 LUMENS
- IP65
- IK09



SINGLE, DOUBLE OR TRIPLE LENS



PrismaLED Technology

A selection of HoloPhane's luminaires feature PrismaLED technology, designed to deliver a wholly-luminous lit effect that accurately controls the output of the LEDs and reduces glare, creating more uniform, consistent light distribution. HoloPhane products featuring PrismaLED technology deliver the following benefits:



Volumetric Illumination

'Volumetric illumination' delivers an optimal mix of light to walls, partitions, vertical and horizontal work surfaces. This results in reduced shadow and increased perceived volume of space.

Reduces Glare

Without a lens, LEDs can cause discomfort glare when viewed from certain angles. The PrismaLED prismatic lens reduces glare by increasing the luminated surface area of the fitting thus, providing a more attractive and comfortable lighting environment.

Maximises Colour Consistency

Over time, LEDs can discolour and fade, which leads to an inconsistent colour of light. The PrismaLED lens distributes the light from individual LEDs so that any colour change is consistent.

Minimises LED Failure Effect

When using either a clear glass or plastic lens, individual LED failures can result in black spots in the light distribution. With a PrismaLED prismatic lens, the effect of a failed LED is greatly reduced, resulting in a more uniform appearance.

Provides Superior Optical Control

Standard lenses can create an uneven and poor distribution in lighting environments. PrismaLED optics have superior control over the light output, resulting in a more uniform distribution.

Pole tops

Perfect for parks, forecourts and other urban spaces, our stunning range of poletops and bollards combine performance and aesthetics to offer a lighting solution that impresses both night and day.

Many offer high impact resistance ratings to withstand the challenges of the urban environment.



5 OPTICAL DISTRIBUTIONS

Denver ID: Pole

- 5 YEAR WARRANTY
- 2,000 – 12,000 LUMENS
- IP65
- IK10
- CCT: 2700K, 3000K, 4000K, AMBER



HOLOPHANE 6 OPTICAL DISTRIBUTIONS

CITYMAX LARGE

- 5 YEAR WARRANTY
- 20,000 – 40,000 LUMENS
- COLOUR TEMPERATURE 3000K OR 4000K

- C7
- C4
- C9
- C6
- C1



HOLOPHANE MULTIPLE BRACKET OPTIONS

CITYMAX

- 5 YEAR WARRANTY
- 2,000 – 15,000 LUMENS
- IP66
- IK10

- C7
- C4
- C9
- C6
- C1



High-Bay

Warehousing, factory and industrial facilities often produce harsh conditions which must be taken into account when considering a lighting solution; extreme temperatures, chemical vapours, moisture, dust, vehicle emissions and other factors can all affect the life and performance of lighting. Advanced Lighting Technologies offers luminaires specifically engineered to perform better for longer in these environments.



PRACTH ROBUST MODULAR

QUADRONIUS

- 5 YEAR WARRANTY
- UP TO 40,000 LUMENS
- IP66
- IK10*
- 40°C TO +70°C*



HOLOPHANE FLEXIBLE MODULAR CONFIGURATIONS

PRISMPACK

- 5 YEAR WARRANTY
- 120,000 LUMENS
- IP65
- 25°C TO +70°C*



VENTURE 60°, 70° & 90° REFLECTOR OPTIONS

200W HIGHBAY

- 5 YEAR WARRANTY
- UP TO 32,000 LUMENS
- IP65
- IK10**
- 120° BEAM ANGLE



CREE LIGHTING WIDE RANGE OF OPTIONS AND ACCESSORIES

STELLAR

- 5 YEAR WARRANTY***
- UP TO 33,000 LUMENS
- IP65
- IK08
- 60°, 90°, 120° BEAM ANGLE



Solar Range

Beyond the obvious benefits of sustainability, solar lighting offers many advantages over traditional lighting systems, including less design and planning requirements, no cabling or trenching and fast and easy installation. Advanced Lighting Technologies can design and supply the perfect solar lighting solution, using in-depth analysis and complex calculations to match your project lighting needs to the location's solar conditions.



The EverGen M Series is a robust solar outdoor lighting system with the durability and quality Sol is known for. Whether you need a solar street light, park or path light, parking lot light, or a general area light, your EverGen will be customized for your project location to provide the light you need over the long term.

A combination of better solar panels, high efficacy LED luminaires, a 10-year battery, a unique energy management system (EMS), and our industry-leading sizing processes all ensure your EverGen will provide light every night of the year at your required light levels.

- HIGH PERFORMANCE LED FIXTURE
- ADAPTIVE LIGHTING (OPERATING PROFILES)
- POLE-TOP INTEGRATED DESIGN FOR EASY INSTALLATION

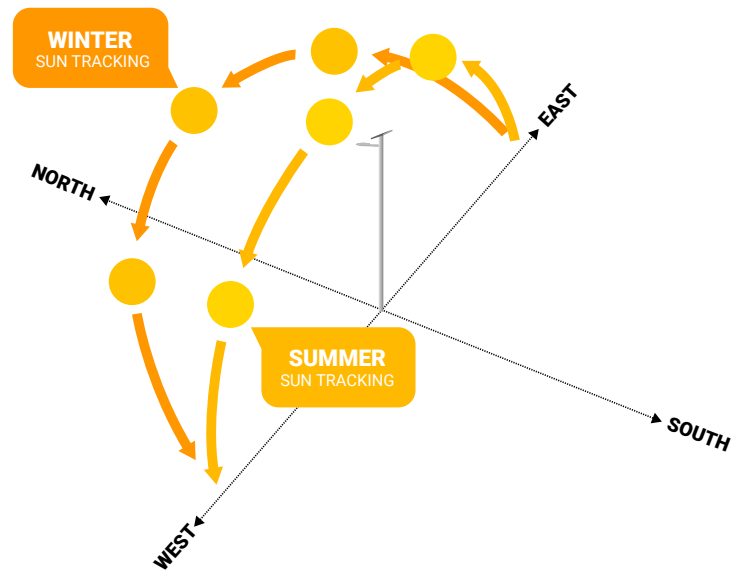
EverGen M Series

- ✓ 10 YEAR WARRANTY
- NO SCHEDULED MAINTENANCE FOR UP TO 5 YEARS
- ⚙️ NO LAMPS TO CHANGE
- 📄 NO POWER BILLS

STANDARD IES DISTRIBUTIONS (TYPE II, III, IV)

APPLICATIONS

- PATHWAYS & CYCLEWAYS
- PRIVATE & MINOR ROADS
- PUBLIC CAR PARK AREAS



- PATENTED ENERGY MANAGEMENT SYSTEM
- HIGH-DENSITY NiMH BATTERY TECHNOLOGY

iSSL Series

- ✓ 10 YEAR WARRANTY
- ⚙️ 20 MINUTE INSTALLATION
- 📄 UNIQUE BATTERY TECHNOLOGY HAS PATENTED COOLING SYSTEM

APPLICATIONS

- PATHWAYS & CYCLEWAYS
- PRIVATE & MINOR ROADS
- PUBLIC CAR PARK AREAS



iSSL® Series All-in-One Solar Lighting System

iSSL® is the world's most reliable all-in-one solar lighting solution and the result of 10 years of research and development. The iSSL® Series offers unrivaled performance, thanks to its high-density NiMH battery technology and patented energy management system (EMS) that ensure optimal efficiency throughout the year.

Fully plug & play, the installation of a lamp post has never been as simple and quick as with the iSSL® range. Available in three sizes, iSSL® is a solar-powered lighting solution perfectly suited for parks, pathways, parking lots, and general area applications.



KATLA REMADE

PRACHT is the **world's first** lighting technology specialist to produce recycled plastics as a full alternative to technical plastics – without compromising on quality or price.

- REMADE – Production from recycled materials: Luminaires consist of up to 100% recycled plastic parts.
- REBUILD – Luminaires are refurbished and reintegrated into the product cycle.
- REUSE – Longer use of luminaires with easy component replacement.
- REGROW – Use of plastics from renewable raw materials.



SIMPLE
INSTALLATION

PRACHT®

KATLA REMADE

- 🛡️ 5 YEAR WARRANTY
- ⚙️ 2700 - 6500 LUMENS
- 💧 IP66
- ➡️ IK07



SIMPLE
INSTALLATION

PRO VERSION
AVAILABLE

PRACHT®

KATLA ONE

- 🛡️ 5 YEAR WARRANTY
- ⚙️ 2700 - 6500 LUMENS
- 💧 IP66
- ➡️ IK07



PRACHT®

German precision & innovation



Designed for extreme conditions, PRACHT luminaires feature precise German engineering and quality construction. Their versatile product range includes fittings that can operate in severe temperatures, and offer high levels of protection from dust, moisture, chemicals and vandalism.

PRACHT have designed special variants of their luminaires for specific applications, including acid and alkaline resistant luminaires for farming, a chlorine and moisture resistant luminaire for indoor swimming pools and products that comply with strict hygiene conditions set by the food and beverage industry, among others.

PRACHT have also invested in the development of other technologies used in their product range:

PRALUX® mirror technology to maximise light output.

NAWAROH® waterproof luminaire housing made from 98% renewable, raw materials.

PRACHTOPAL® impact-resistant luminaire cover to reduce glare.

REMADE - The first industrial luminaire featuring plastic components made from 100% recycled materials



Luna N



Tubis



Apollo



HOLOPHANE



HOLOPHANE 3 OPTICAL DISTRIBUTIONS

PRISMPACK

- ✓ PrismaLED & OPTIMAX TECHNOLOGY
- ☀ 10,000 TO 120,000 LUMENS
- 💧 IP65
- 4000K, 5000K & 6500K OPTIONS

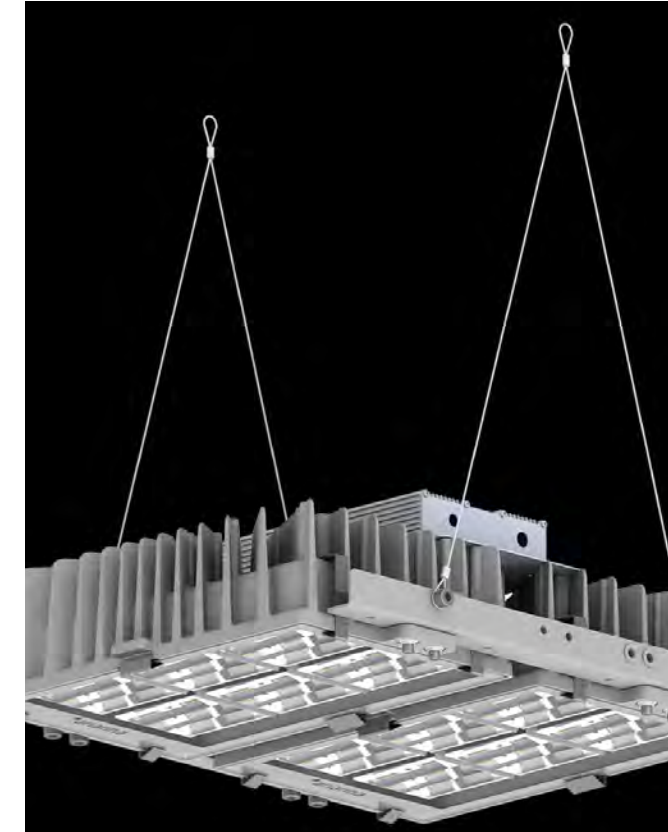
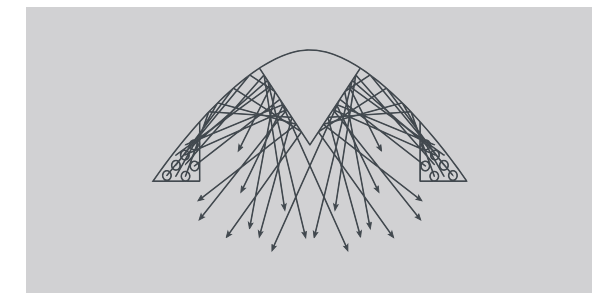


arianna
light looking forward

Arianna's Reflection Expertise

Arianna's internationally recognised total reflection patent is a technological innovation that borrows from astronomy. The system uses a reflector inside the luminaire to collect rays of light and direct them evenly onto the ground. The LEDs are concealed from view, resulting in low glare and improved energy efficiency.

Arianna have integrated the principles of total reflection in their innovative luminaires, providing targeted solutions for different lighting needs.



HOLOPHANE AVAILABLE IN 6, 9 OR 12 OPTICAL POD CONFIGURATIONS

HMAO (HIGH MAST ADVANCED OPTIX)

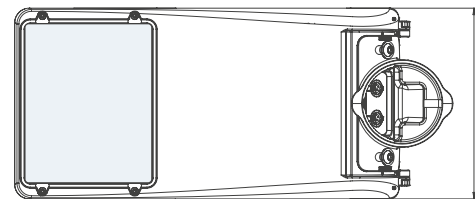
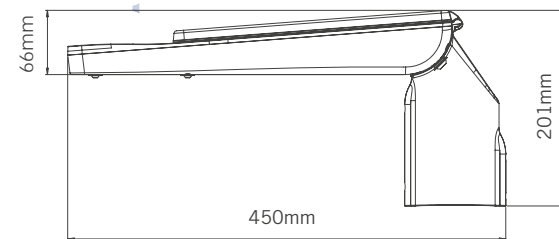
- ✓ 5 YEAR WARRANTY
- ☀ UP TO 100,000 LUMENS
- 💧 IP66
- IK07



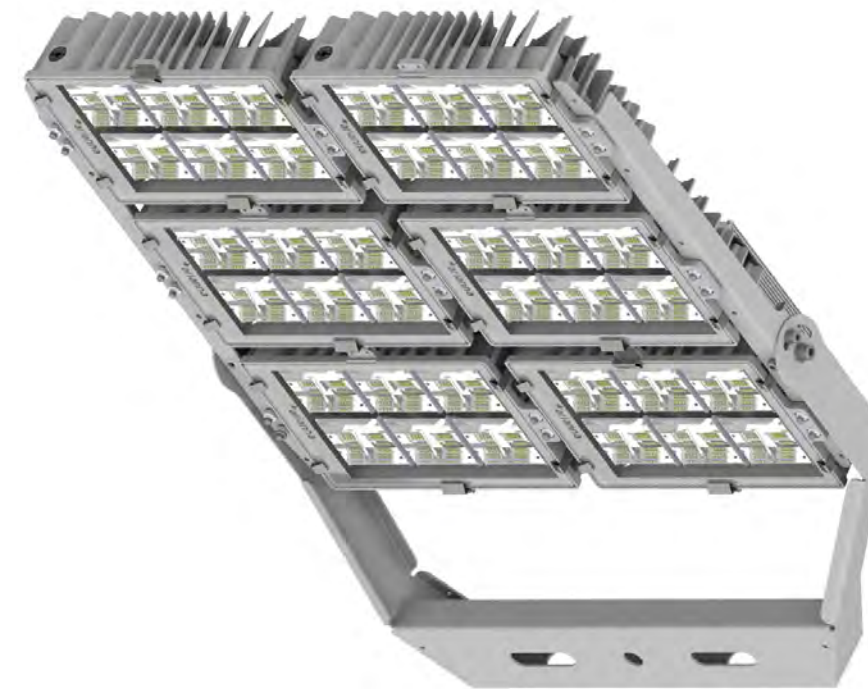
Petrarca's Innovative Technology

The DEFLECTIVE reflection system found in the Petrarca captures and blends the emitted light through the initial optical assembly, then uses a second assembly to cast it uniformly. This ensures the Petrarca delivers high visual comfort and uniformity, without creating dark spots or glare.

HOLOPHANE IP66 IK10



- Sleek Design
- High Efficiency LED Technology
- Enhanced Thermal Management
- Fully Controllable Luminaire





Advanced
LIGHTING TECHNOLOGIES

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Whilst care has been taken to ensure the accuracy of the information presented within, Advanced Lighting Technologies New Zealand reserves the right to correct any inadvertent errors at a later stage.

All lumen figures listed in this document are nominal. Please see related specification sheets and photometric files on our website for further information.