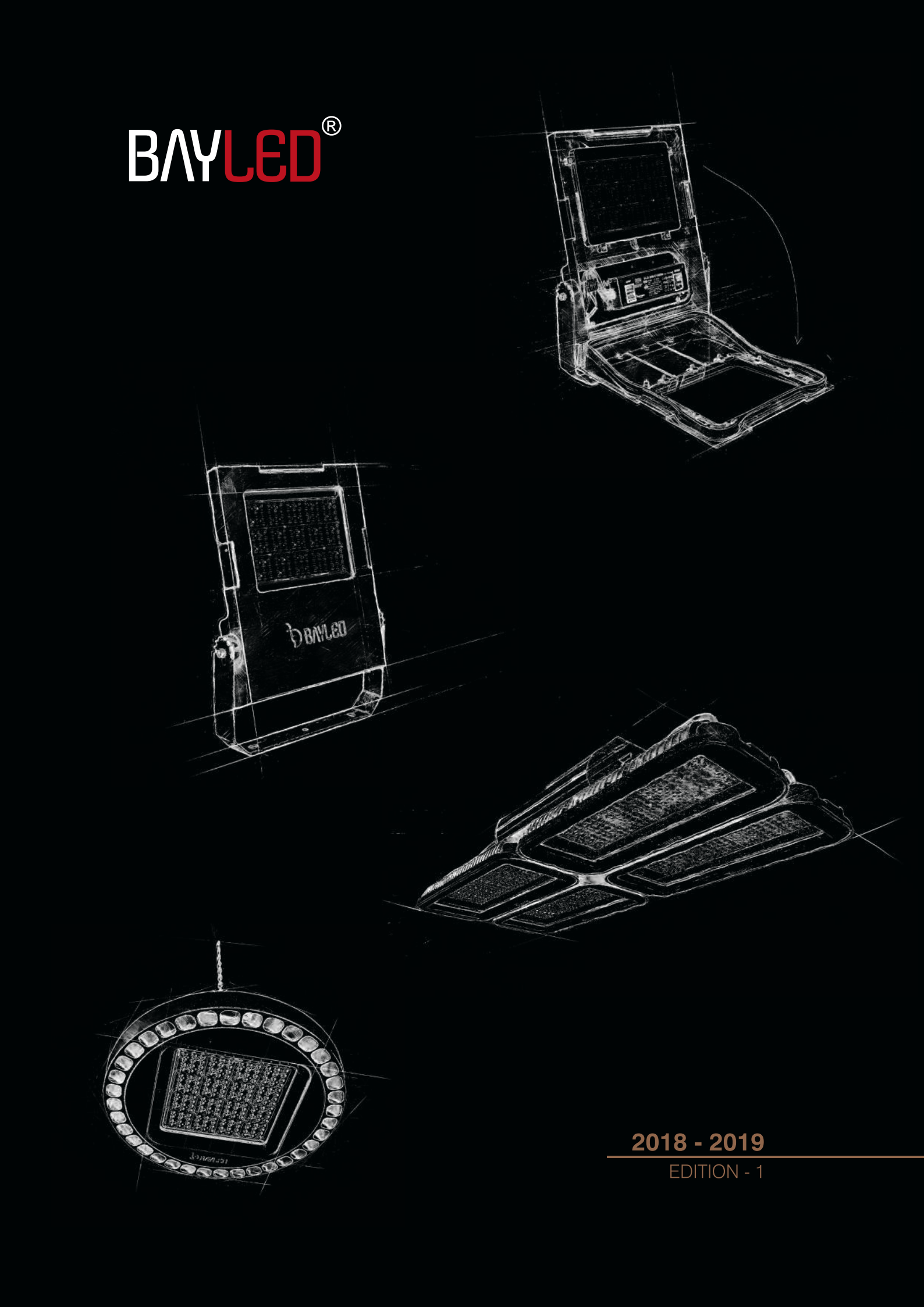
BAYLED®



2018 - 2019

EDITION - 1

BAYLED®

www.bayled.com.tr

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Mistakes and forgettings in the catalog are exception.

Baytaş Lighting is a member of

BAYLED®

a manufacturer
of world-class
lighting products
and systems
used by lighting
designers, architects
and engineers to
illuminate exterior
architecture

Discover BAYLED

Bayled designs, engineers and manufactures high-quality, high performance LED lighting Instruments for outdoor applications.

We design our products to fit seamlessly within the architecture, offering an aesthetic solution during the day. The optical systems are designed to provide industry-leading performance, directing light where Intended while eliminating glare. Lastly, Bayled products are engineered and tested to survive in any outdoor environment.

We belive in sustainable products made from materials that are optimal for the environment where they are installed easily maintainable LED engines and power supplies to ensure the long life of the installation.

Try Bayled Get Quality...

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EN & TSE Quality Certificates









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MARKA TESCİL BELGESİ

BAYLED

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BAYLIGHT

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EXPORT CONFORMITY ASSURANCE SCHEME

TECHNICAL INSPECTION REPORT

Egypt - COC


CERTIFICATE OF CONFORMITY

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Certificat de Conformité

(Certificat de contrôle de qualité de la marchandise)

Iraq - ICIGI


Shipment Verified



Story of Baytaş started in 1996, Ankara, Turkey. Following years Baytaş has became a leading company through the LED sector based on the motto, "RE-CREATE YOUR COLOURS" since 2003.

'Bayled is one of the brands of Baytaş Group'

Taking extreme care in manufacturing only the registered products elaborately designed by us, our company continues to increase its number or products and to increase its customers trust.

Bayled exports the Reliable Products manufactured to many countries in Asia, Europe, the Middle East and africa.

Taking extreme care in manufacturing only the registered products elaborately designed by us, our company continues to increase its number or products and increase its customer' trust.

We continue to increase our efforts in our R&D department to produce flawless moulds using latest technology CNC machining centres, plastic extrusion machines, as well as high accuary universal machine tools.

Distinguished from its competitors by QUALITY MANAGEMENT SYSTEM implemented from the very fast day, aiming at developing and manufacturing customer satisfaction focused products. Baytaş Lighting aims at %70 of its output to over 15 European and Middle Eastern countries by 2016.

Aiming at being on the top of sector, Baytaş Lighting will continue to serve its customers and the sector through its highly specialized personel, fast growing range and reliable product range.

Baytaş Lighting is a member of AGID - Lighting Devices Manufacturers Association and Turkish National Cammittee On Illumination.





BAYLED®



Our Quality Policy

• Is to ensure sustainability of customer satisfaction by meeting the needs of all customers that we can reach and to increase customer satisfaction.

• To complete our tasks the first time and just in time each time, by involving all our personnel.

• To Provide an honest, tolerant, respected and devoted working environment for our personnel work in a team spirit, through sustained training, development and improvement.

• To manufacture each item in the most cost efficient way, following closely the latests developments in technology.

• To work towards sustaining our "good quality product" image formed in domestic and international markets.

• To increase our capacity of production and range of products.

• To ensure "Reliable Products" manufacturing, as well as achieving good quality for all our products and processes (the software, engineering, pysical tests and laboratory analysis).





A' DESIGN AWARD & COMPETITION

Certificate of Excellence

This is to certify that

Mahmut Baytas

has won the Silver A' Design Award
in Lighting Products and Lighting Projects Design Category
in 2012 - 2013 period with design #26739.

15 April 2013, Milan / Italy.

About The Silver A' Design Award

The Silver A' Design Award is a prestigious award given to top %5 percentile designs that has achieved an exemplary level of excellence in design. The designs are judged by a panel of three different Jury which is composed of 5 Academic, 5 Professional and 5 Focus Group Members for each different competition. The designs are evaluated with score normalization to remove any biases and are voted on aspects such as functionality, ergonomics, engineering, presentation, innovation, usability, fun details, technology, and any other specific points that could be considered, each of these points are further weighted for different jury groups.

Alessandro Deserti	Francesco Murano	Onur Mustak Cobanli
PRESIDENT	VICE-PRESIDENT	COORDINATOR
A' DESIGN AWARD & COMPETITION	A' DESIGN AWARD & COMPETITION	A' DESIGN AWARD & COMPETITION

A'DESIGN AWARD
WINNER 2013

2012-2013
Silver A'
Lighting Design Awards



titus

Titus
by Mahmut Baytas

Lighting Fixture: Flush mount lighting fixture. While similar products use all parts encased in a single structure, this unique design which consists of three parts has various advantages: 1. As the Power Supply and the LED's are housed in different parts, LED section is protected from heating. 2. Incase of any malfunctioning of any of the parts, the faulty part can easily be replaced, without dismounting the complete unit. 3. Since, there is a lid at the bottom of the fixture, mains cable can be fed into the unit through collars.

TİTUS: Yere gömme aydınlatma armatürü olan bu özel ürün üç bölümden oluşmaktadır. Bu bölümlerin sağladığı avantajlar;
1. Güç kaynağı ve Ledler ayrı bölümlerdedir 2. Her hangi bir müdahale gerektiğinde diğer bölümler açılmadan arızalı kısım vidalarından sökülüp çıkarılabilmektedir 3. Armatürün altında bulunan klamens kapak yardımı ile kablolar kolay şekilde birleştirilmektedir. 4. Armatür birleşenleri çok amaçlı tasarlanmış olup, bazı parçaları diğer armatür gruplarındada kullanıma uygundur.

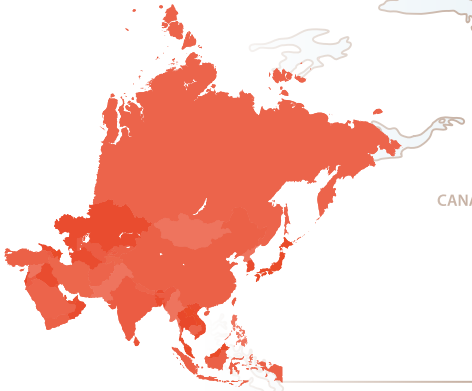
Teknik özellikler : 9x1W/12x1W Power Led olarak üretilmekte olup 50,000 saat çalışma ömrü vardır. RGB, RGBA (RF ve DMX 512) renk değiştiren sistemi ile kullanıcıya farklı alternatifler sunar. Koruma sınıfı :IP67 Çalışma gerilim aralığı: 11 240V 50Hz.



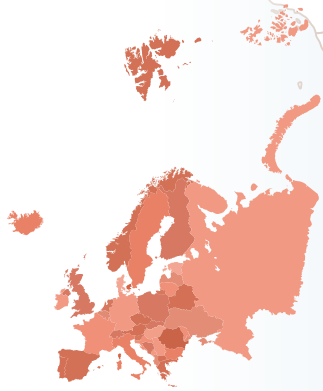
BAYTAS LIGHTING

Learn More: http://www.adesignaward.com/design.php?ID=26739

TRADE MAP



ASIA



EUROPE



AFRICA

GREENLAND (DENMARK)

CANADA

Island of Newfoundland

UNITED STATES

NORTH ATLANTIC OCEAN

Bermuda

MEXICO

THE BAHAMAS

CUBA

TURKS AND CAICOS (UK)

CAYMAN ISLANDS (UK)

HAITI

JAMAICA

DOMINICAN REPUBLIC

ANTIGUA AND BARBUDA

GUADELOUPE (FR.)

DOMINICA

MARTINIQUE (FR.)

ST. VINCENT AND GRENADINES

BARBADOS

GRENADA

TRINIDAD AND TOBAGO

BELIZE

GUATEMALA

HONDURAS

EL SALVADOR

NICARAGUA

COSTA RICA

PANAMA

VENEZUELA

GUYANA

SURINAME

FRENCH GUYANA

COLOMBIA

ECUADOR

Galapagos Islands

PERU

BRAZIL

BOLIVIA

CHILE

PARAGUAY

URUGUAY

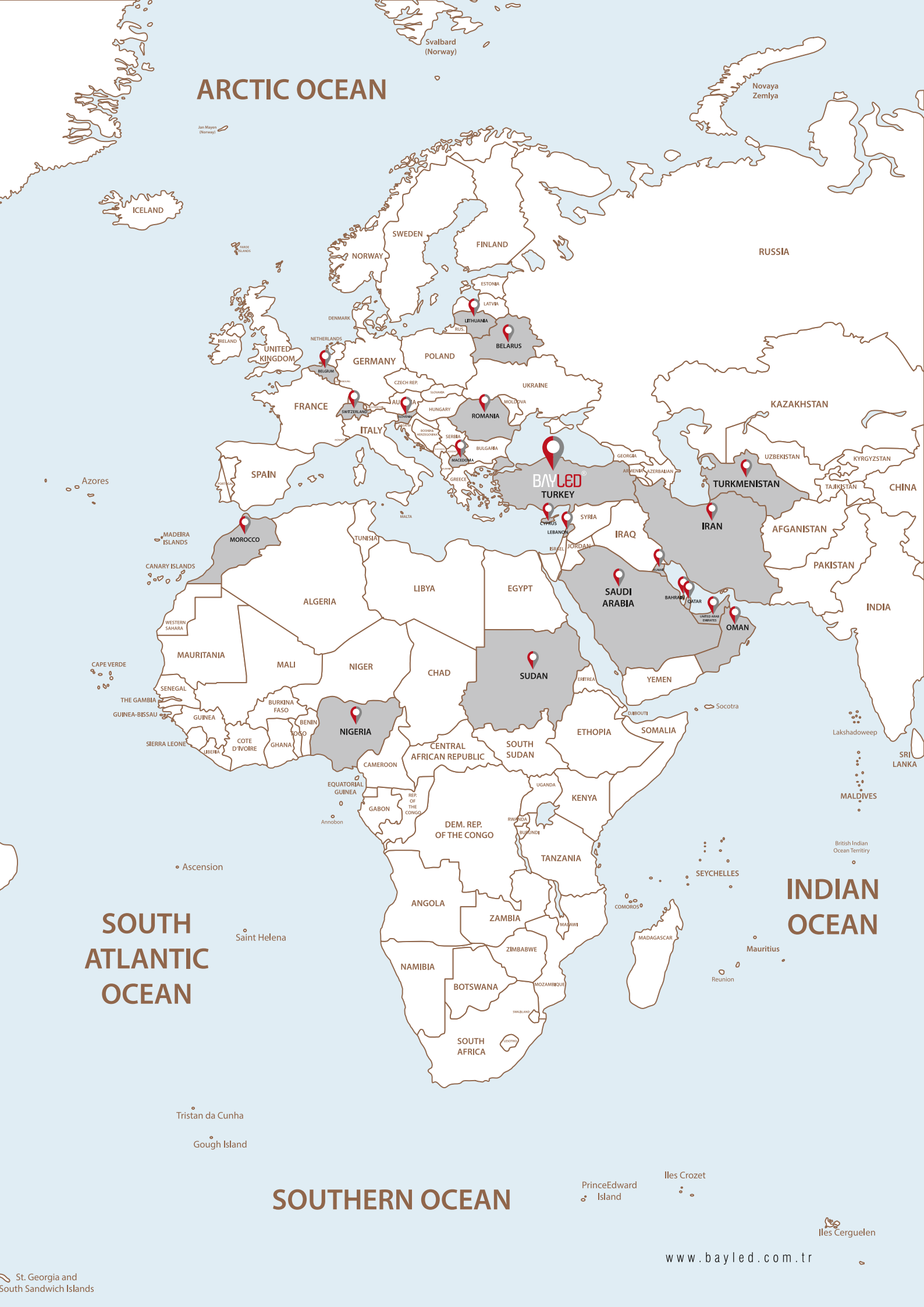
ARGENTINA

Archipelago Juan Fernandez

SOUTH PACIFIC OCEAN

Easter Island

Falkland Islands (U.K.)


ARCTIC OCEAN
Svalbard (Norway)
Novaya Zemlya
Jan Mayen (Norway)
ICELAND
SWEDEN
FINLAND
NORWAY
RUSSIA
ESTONIA
LATVIA
LITHUANIA
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FRANCE
SWITZERLAND
HUNGARY
MOLDOVA
ROMANIA
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SERBIA
BULGARIA
MACEDONIA
GREECE
KAZAKHSTAN
GEORGIA
ARMENIA
AZERBAIJAN
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN
TAJIKISTAN
CHINA
BAYLED
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SPAIN
Azores
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SYRIA
LEBANON
ISRAEL
JORDAN
IRAQ
IRAN
AFGANISTAN
PAKISTAN
MOROCCO
MADEIRA ISLANDS
CANARY ISLANDS
TUNISIA
KUWAIT
BAHRAIN
QATAR
UNITED ARAB EMIRATES
SAUDI ARABIA
OMAN
INDIA
ALGERIA
LIBYA
EGYPT
WESTERN SAHARA
MAURITANIA
MALI
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ERITREA
YEMEN
CAPE VERDE
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THE GAMBIA
GUINEA-BISSAU
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BURKINA FASO
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COTE D'IVOIRE
GHANA
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CENTRAL AFRICAN REPUBLIC
SOUTH SUDAN
ETHIOPIA
SOMALIA
DJIBOUTI
Socotra
Lakshadoweep
SRI LANKA
MALDIVES
EQUATORIAL GUINEA
Annobon
GABON
REP. OF THE CONGO
DEM. REP. OF THE CONGO
UGANDA
KENYA
RWANDA
BURUNDI
TANZANIA
British Indian Ocean Territiry
SEYCHELLES
INDIAN OCEAN
Ascension
SOUTH ATLANTIC OCEAN
ANGOLA
ZAMBIA
MALAWI
COMOROS
MADAGASCAR
Saint Helena
ZIMBABWE
Mauritius
NAMIBIA
BOTSWANA
MOZAMBIQUE
Reunion
SWAZILAND
SOUTH AFRICA
LESOTHO
Tristan da Cunha
Gough Island
SOUTHERN OCEAN
PrinceEdward Island
Iles Crozet
Iles Cerguelen
www.bayled.com.tr
St. Georgia and South Sandwich Islands

GLOSSARY

Light emitting diode
LED is a semiconductor component that emits light when voltage is applied to it.

No Ultraviolet (UV) Radiation
Radiant energy in the range of about 100-380 nanometers (nm).

No Infrared Radiation
Electromagnetic energy radiated in teh wavelength range of about 770 to 1.000.000 nanometers (nm).

Low Carbon Dioxide Output (VCO2)
The amount of Co2 exhaled from the body in to the atmosphere per unit time, expressed in milliliters (mL) or liters (L) per minute

Fully Rated Life
The end of the life of an LED is determinated by the point at which the LED fails to deliver at least %70 of initial lumen output. LEDs are commonly marketed as having 50.000 hours of fully-rated lives.

Energy Savings
LED is a highly energy efficient lighting technology, and has the potential to fundamentally change the future of lighting in the world.

Recycling
Unlike low-energy lamps, LED contains no mercury and is therefore not treated as special waste.

Dimming
Device that regulates the intensity of the light source.

Ingress Protection
The first numerical digit describes the rating that is given for solid objects. The 6 here is the highest rating and means the LED is dust tight. The second numerical digit defines how well the LED can keep liquid out.

Impact Resistance
The IK code is an international numeric classification for the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. The classification is based on the regulations IEC 50102 (IEC 70-3), that ranges from a minimum value IK00 (unprotected), up to the value IK10 (protected from equivalent impact to the force exerted by a weight of 2 kg dropped from a 1 meter level).

Safety Classifications Class I
The luminaires in this class have basic electrical insulation and all of their potentially electrically conductive parts are connected to a protective conductor. The protective conductor terminal displays this marking.

Safety Classifications Class II
Live parts are fitted with additional insulation. Connection to a protective conductor is not permitted.

Safety Classifications Class III
Protection against electrical shock is based on use of safety extra low voltage (SELV).

CE Certificate
Certifies product has met EU (European) consumer safety, health and or environmental requirements.

RoHs Compliance
Restricts the use of certain dangerous substances commonly used in electrical and electronic equipment.

TECHNICAL INFORMATION

Beam angle
The angle of the given photometric body, measured at the half of maximum light intensity in the main direction of the light beam. the angle determines the width of the light cone.

Colour rendering index
The colour fidelity of light, where the reference value is daylight (Ra = 100).Colour temperature is determinated by comparing the colour of light emitted by a source with corresponding colour of light emitted by ''black body'' Heated to certain temperature mwasured in Kelvins (K).



Colour temperature
İs determinated by comparing the colour of light emitted by a source with corresponding colour of light emitted by ''blaack body'' Heated to certain temperature mwasured in Kelvins (K).



Exposed side surface
The total surface of the side of a luminaire (side surface), exposed to wind load.

Glare
An undesirable and unpleasant visual sensation, caused by overly bright objects (reflecting or producing light) appearing in the field of vision.

Lens
An optical device or a part thereof, used to shape the light cone.

Lifetime
The estimated period in which the guaranteed working parameters will be in place.

Light colour
The general, subjective appearance of light produced by a light source.

Light efficiency of a luminaire
A valuegiven in lm/W, describing the ratio of the luminous flux emitted by a luminaire and the energy consumed by it.

Light intensity
The amount of light failing on a given point.

Light source
An electrical device used to produce light, such as a LED-diode.

Luminance
The amount of light reflected off a surface which is perceived by the eye, in cd/m2

Luminous flux of a luminaire
The total amount of light distributed by the luminaire

Luminous flux – LED
The total combined luminous flux of all LED sources installed in a luminaire, given as the diode's nominal temperature.

Luminous flux – luminaire
The total luminous flux of the luminaire, taking into account all losses resulting from the optical systems used, the temperature and the position.

Luminaire
A device used to distribute or modify light produced by light source installed within it.

Luminaire power
The total power consumption of a luminaire.

Working temperature
Temperature range in which the luminaire can be safely used.

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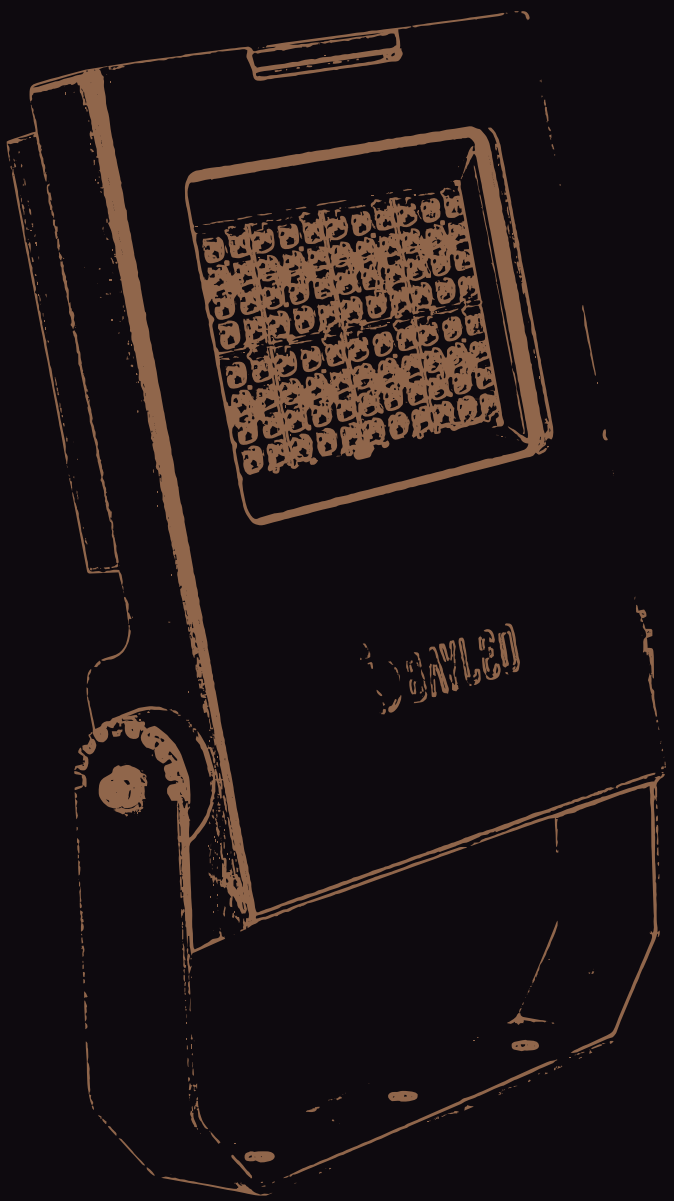


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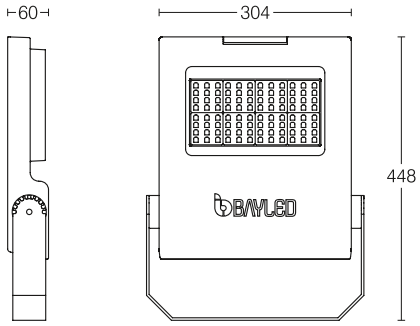
SIRUS

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel with
- Electrostatic powder coating
- Lens angle 40°-60°-90°-30°x50°-130°x40°
- Colour standard MT-X6-23, optional RAL codes
- Power factor > 90% full load
- Input 110 - 270V AC 50/60Hz / 36W : 28 -36V DC
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,22m2
- Weight: 7,8 kg / 36W: 6,8kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate









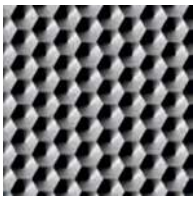


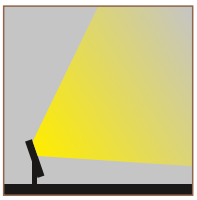
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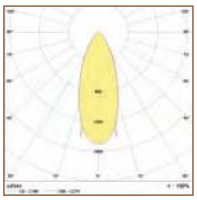
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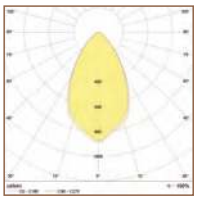
Viewing Angle

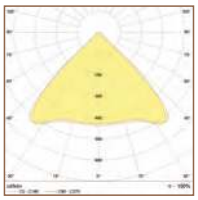
0° - 45° - 65°

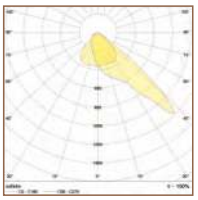


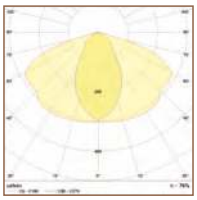












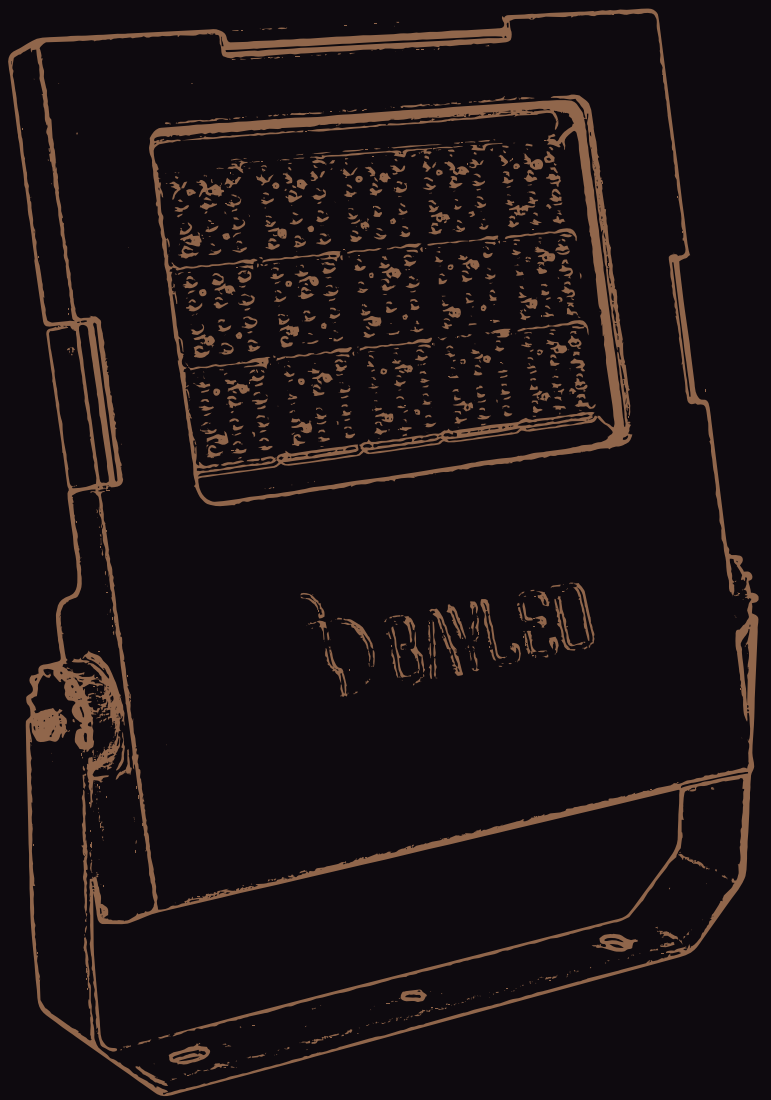
SIRUS

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-06-36-40-XX-X(28V*)	36W	40W	4.860lm - 5.040lm	3.960lm - 4.104lm	3.000K - 4.000K
45-06-50-42-XX-X	50W	60W	6.900lm - 7.000lm	5.500lm - 5.700lm	3.000K - 4.000K
45-06-70-32-XX-X	70W	75W	9.600lm - 9.800lm	7.280lm - 7.560lm	3.000K - 4.000K
45-06-90-84-XX-X	90W	100W	11.700lm - 13.440lm	9.270lm - 9.720lm	3.000K - 4.000K
45-06-100-96-XX-X	100W	120W	13.800lm - 14.000lm	10.200lm - 10.400lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

* Luminaire input : 28V DC / Suitable for use with solar panels.


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SIRUS M

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

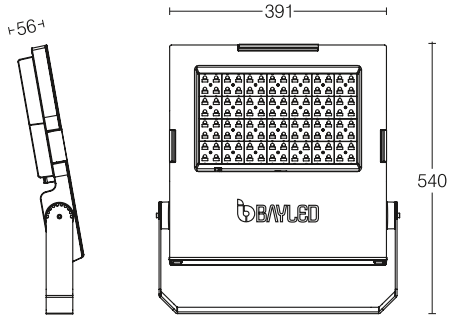
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel with
- Electrostatic powder coating
- Lens angle 40°-60°-90°-30°x50°
- Colour standard MT-X6-23, optional RAL codes
- Input 100 – 305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,30m2
- Weight: 10 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate









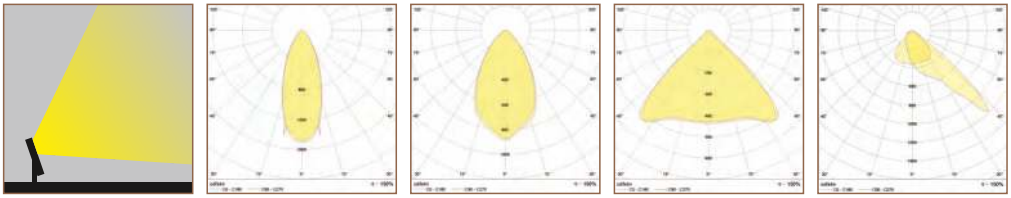


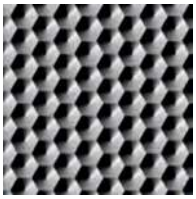
OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS

Viewing Angle

0° - 45° - 65°

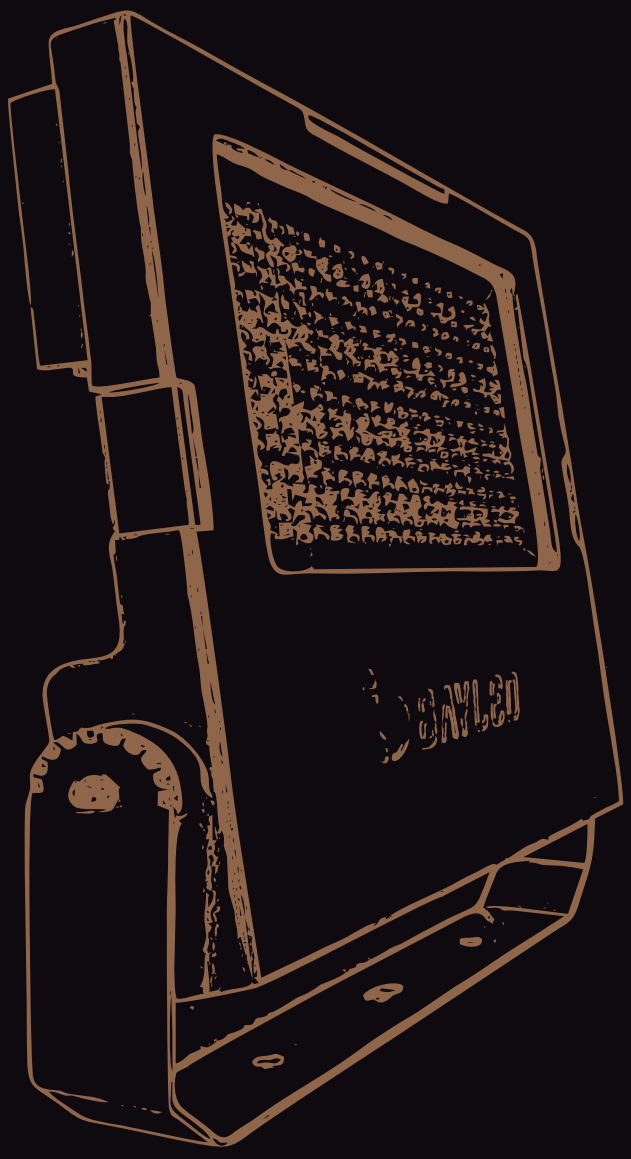




SIRUS M

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-07-120-180-XX-X	120W	130W	17.940lm - 18.200lm	12.960lm - 13.200lm	3.000K - 4.000K
45-07-150-180-XX-X	140W	150W	20.700lm - 21.000lm	15.120lm - 15.400lm	3.000K - 4.000K
45-07-175-180-XX-X	175W	185W	25.530lm - 25.900lm	18.900lm - 19.250lm	3.000K - 4.000K
45-07-200-180-XX-X	190W	200W	27.600lm - 28.000lm	20.520lm - 20.900lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.


BAYLED

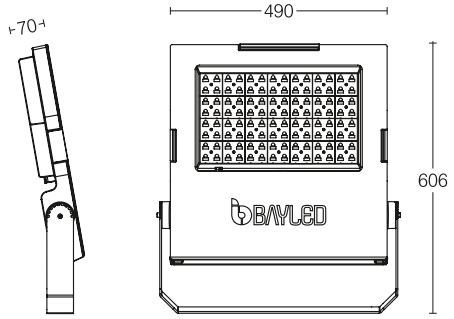
SIRUS L

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

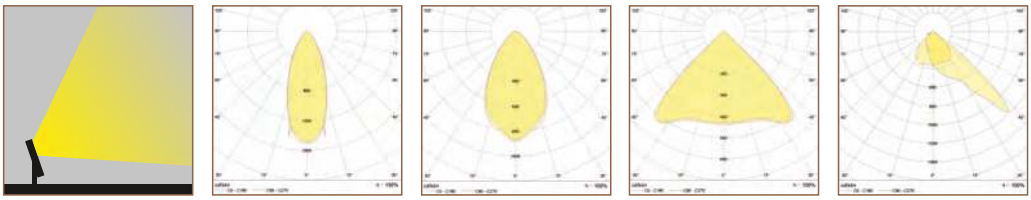
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel with
- Electrostatic powder coating
- Lens angle 40°-60°-90°-30°x50°
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Cptional)
- 0-10V / 1-10V controllable (Cptional)
- Safety Class I
- Protection class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,38m2
- Weight: 14,86 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

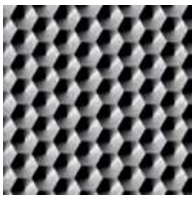






OPTIONAL ACCESORIES
ANTI GLARE DIFFUSERS
Viewing Angle
0° - 45° - 65°

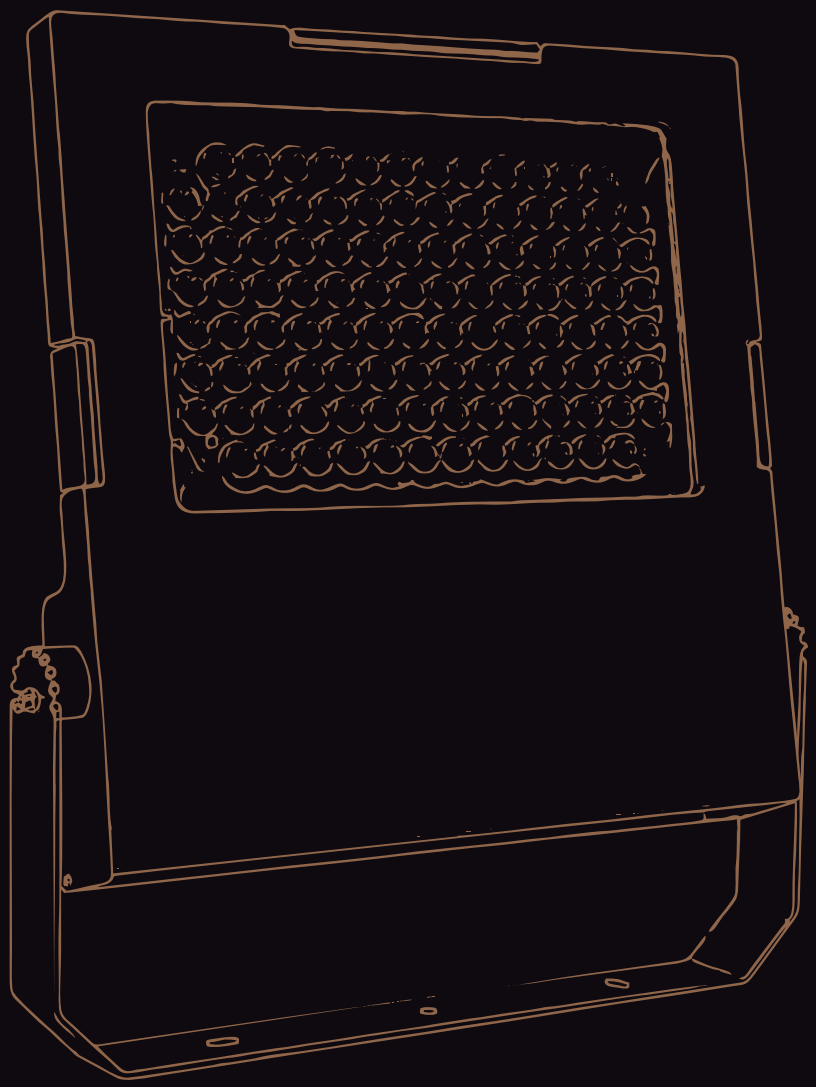




SIRUS L

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-08-150-336-XX-X	140W	150W	20.700lm - 21.000lm	16.200lm - 16.500lm	3.000K - 4.000K
45-08-175-336-XX-X	175W	185W	25.530lm - 25.900lm	18.900lm - 19.250lm	3.000K - 4.000K
45-08-200-336-XX-X	190W	200W	27.600lm - 28.000lm	20.140lm - 20.520lm	3.000K - 4.000K
45-08-240-336-XX-X	230W	240W	33.120lm - 33.600lm	24.380lm - 24.840lm	3.000K - 4.000K
45-08-300-336-XX-X	300W	320W	44.160lm - 44.800lm	31.800lm - 32.400lm	3.000K - 4.000K
45-08-320-336-XX-X	320W	335W	46.230lm - 46.900lm	33.920lm - 34.560lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



SIRUS L RGB - RGBW(A)

EN 60598 IK09 IP66 CE

LED high-performance RGB - RGBW(A) floodlights with wide & narrow beam light distribution.

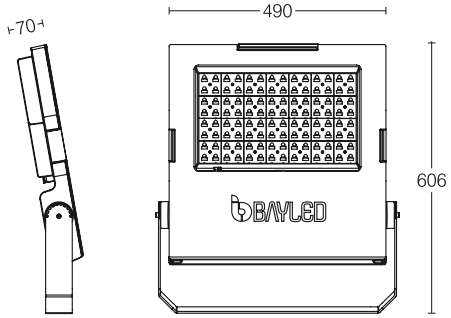
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel with
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –270V AC 50 / 60 Hz
- Power factor > 90% full load
- RGB, RGBW PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,38m2
- Weight: 14,86 kg
- Complies with European standards
- EN 60598 and CE certificate





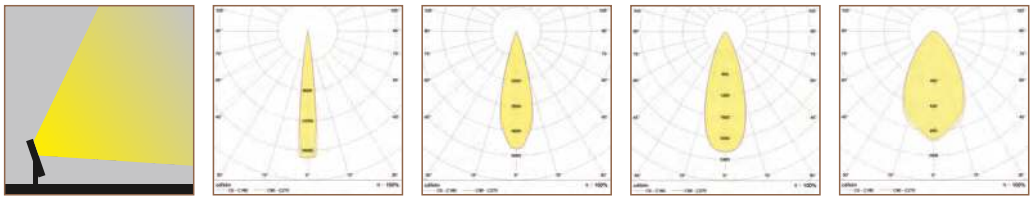






FEATURES

Color-changing and high-quality white light from the same fixture. SIRUS-L is an advanced approach to color mixing that enables high-quality intelligent color. Multiple channels of LED lightsoures combine to produce a full spectrum of precisely controllable light, including millons of saturated colors, pastels and uniform white light with CRI of greater than 85 in 2700K –4000K range



SIRUS L RGB - RGBW(A)

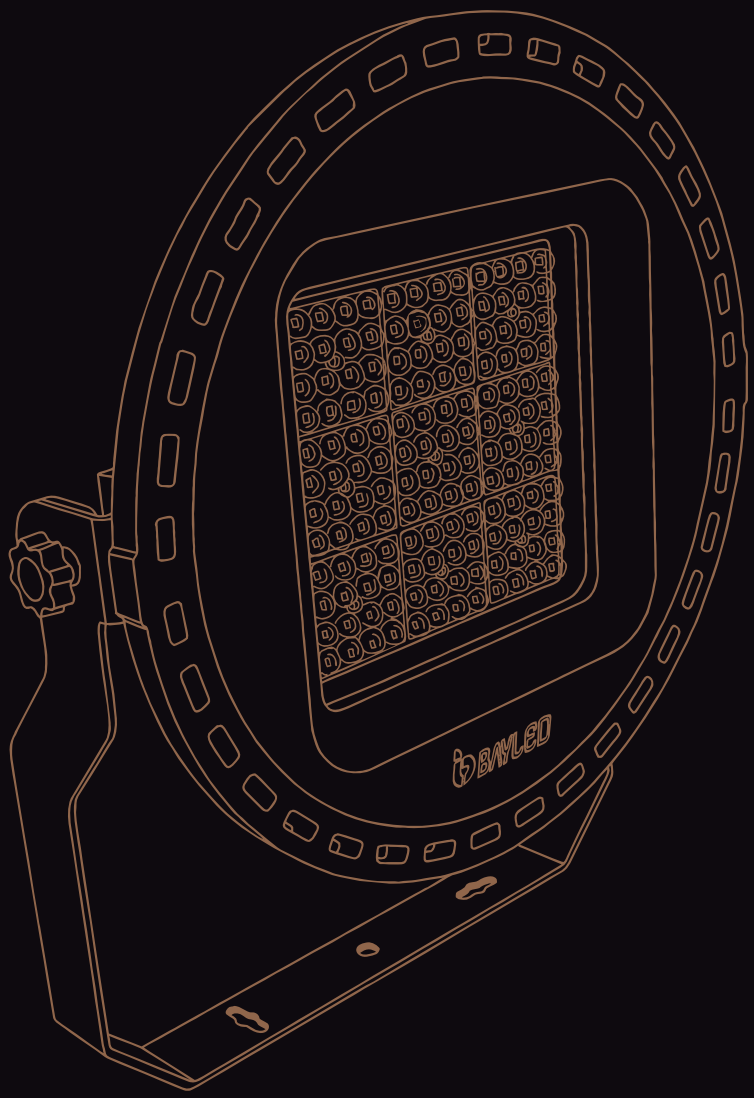
CODE	MODULE POWER	LUMINAIRE POWER
45-08-125-108-XX-RGB	125W	150W
45-08-180-108-XX-RGB	180W	200W
45-08-125-108-XX-RGBW(A)	125W	150W
45-08-180-108-XX-RGBW(A)	180W	200W

XX : Lens Angle

DMX 512
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI – 0-10V
Interface : Controlable driver.
Control method : Analog with cable
Fixture Connections : With cable

FIXTURE RUN LENGHTS
To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant


BAYLED

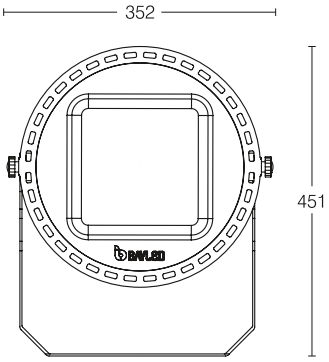
ROON

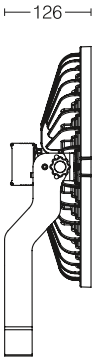
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m²
- Weight: 7,3 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate





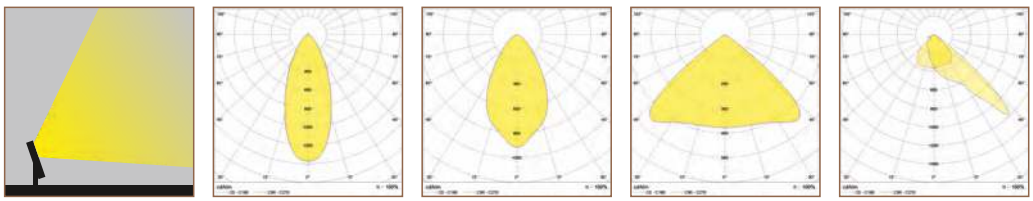


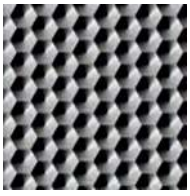




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS



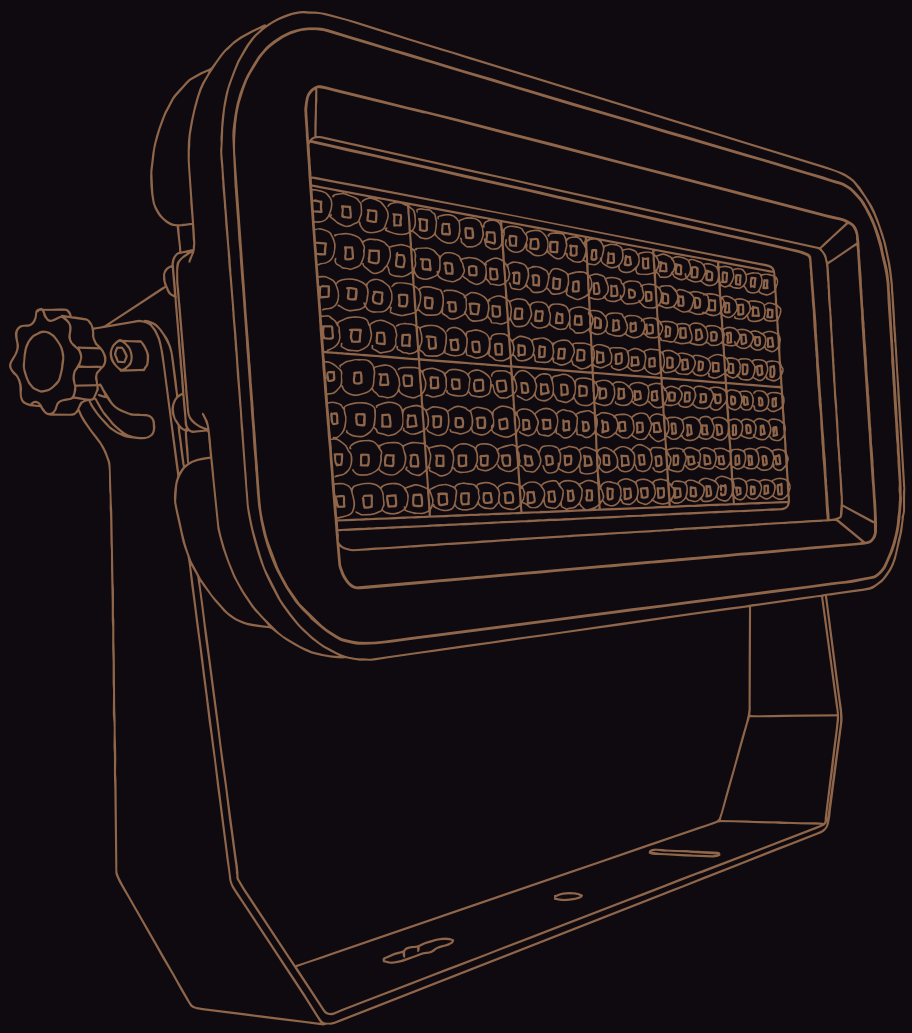


ROON

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-17-90-80-XX-X	90W	100W	15.120lm - 15.560lm	9.900lm - 10.350lm	3.000K - 4.000K
45-17-120-108-XX-X	120W	150W	22.680lm - 23.340lm	13.200m - 13.800lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



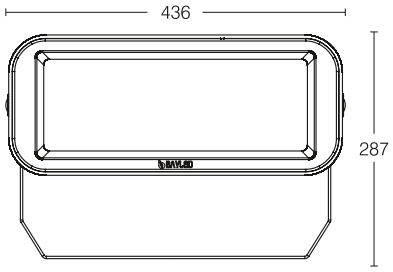
TETRA PRL-1

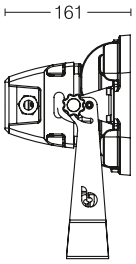
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 90°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m²
- Weight: 6,3 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate



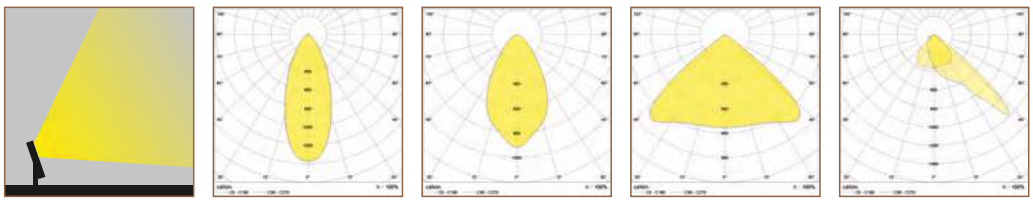


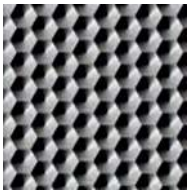




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





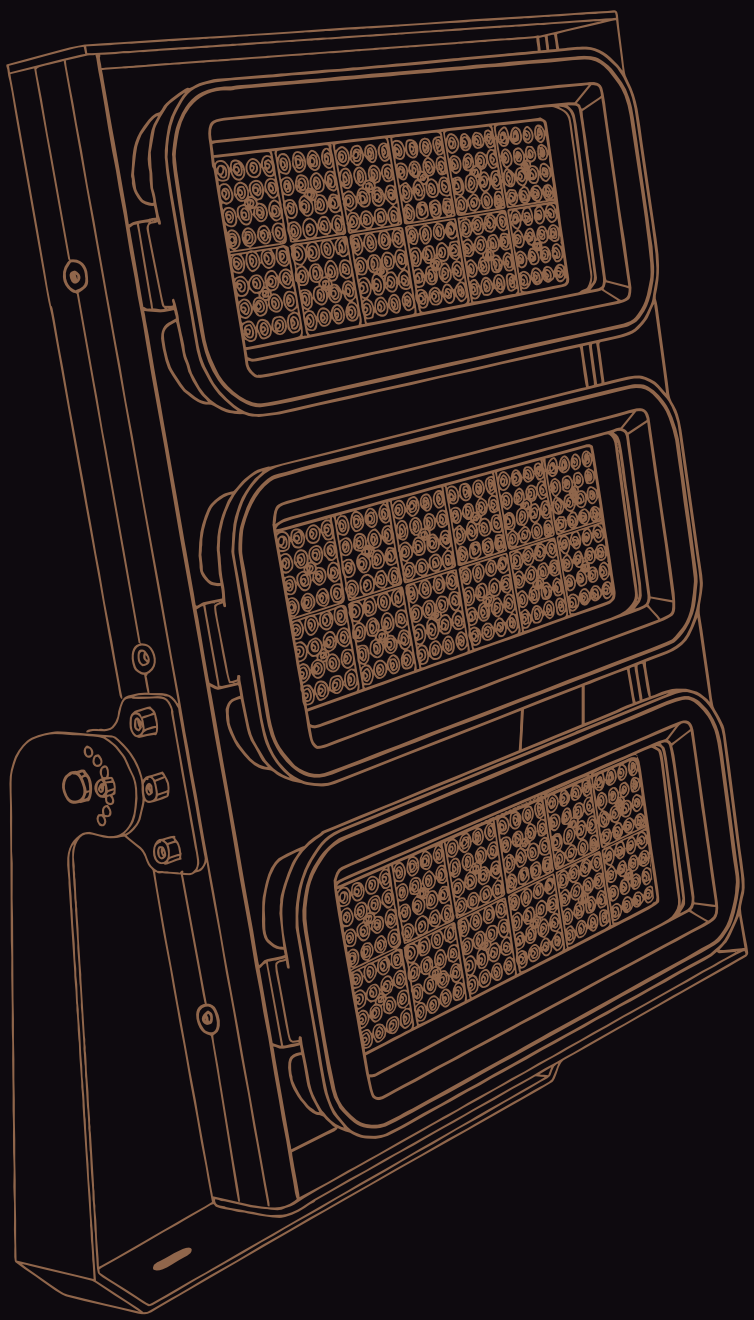
TETRA PRL-1

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-10-90-128-XX-X	90W	100W	13.800lm - 14.000lm	10.510lm - 10.710lm	3.000K - 4.000K
45-10-120-128-XX-X	120W	150W	17.940lm - 18.200lm	13.800m - 14.280lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

BAYLED®



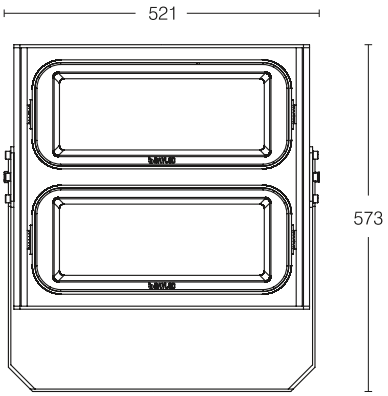
TETRA PRL-2

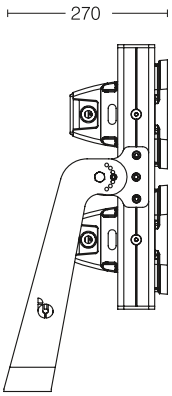
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,16m²
- Weight: 12,2 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate



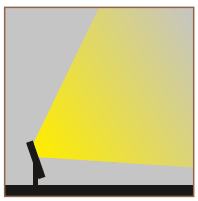


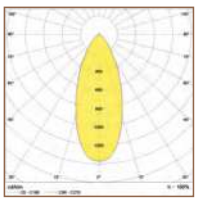


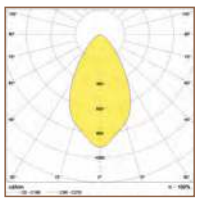


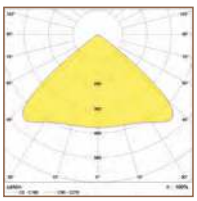
OPTIONAL ACCESORIES

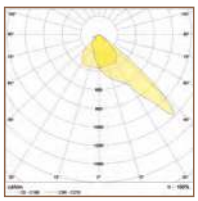
ANTI GLARE DIFFUSERS

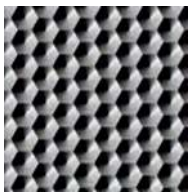












TETRA PRL-2

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-11-190-256-XX-X	190W	200W	27.600lm - 28.000lm	20.700lm - 21.420lm	3.000K - 4.000K
45-11-230-256-XX-X	230W	240W	35.880lm - 36.400lm	27.600lm - 28.560lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

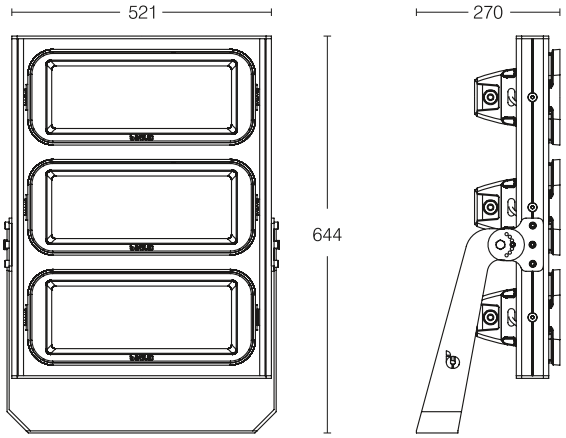
TETRA PRL-3

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,28m²
- Weight: 16,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

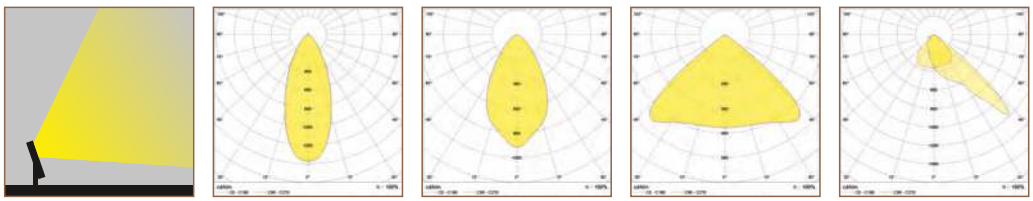


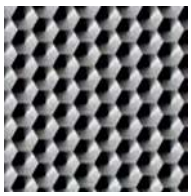




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





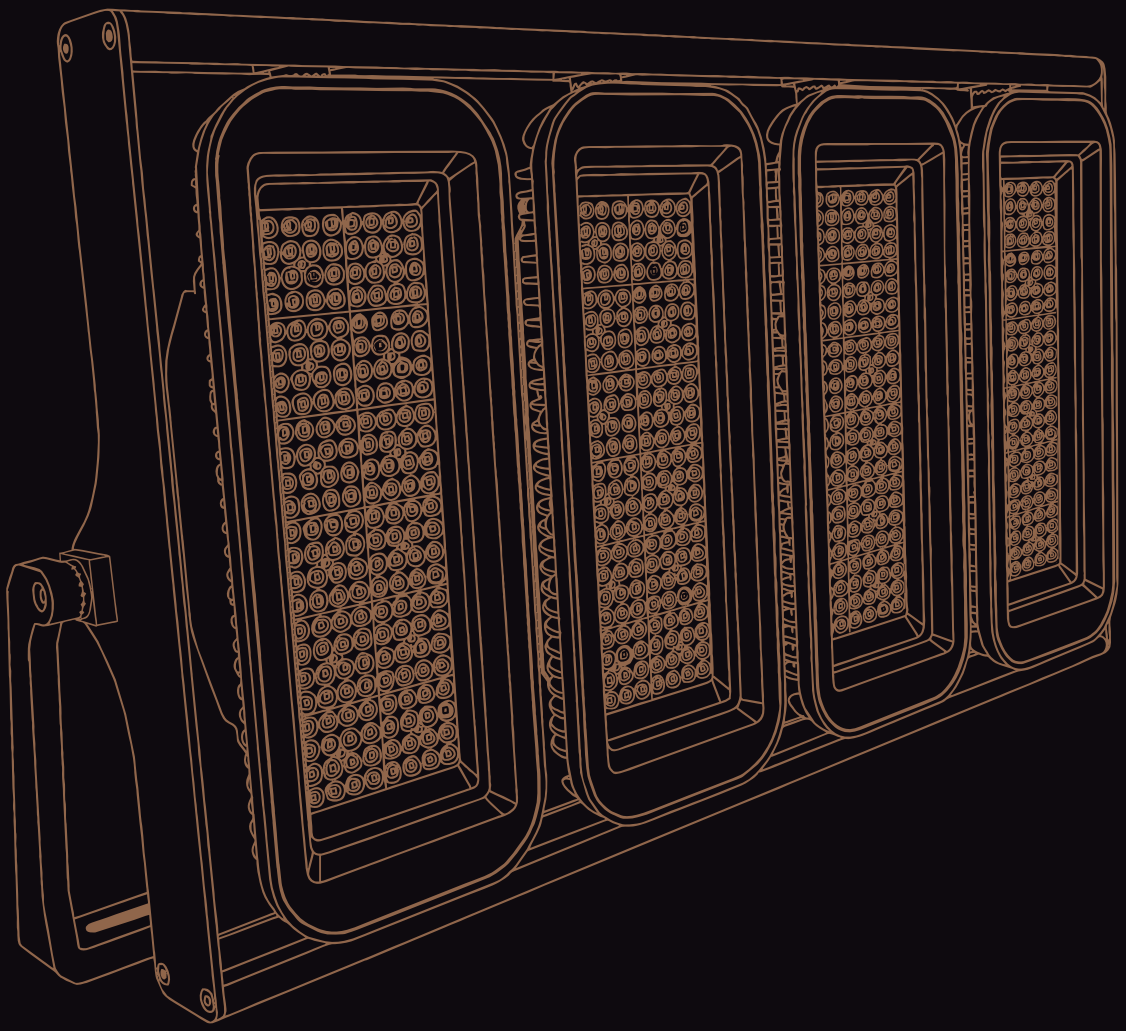
TETRA PRL-3

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-12-270-384-XX-X	270W	300W	41.400lm - 42.000lm	31.050lm - 32.130lm	3.000K - 4.000K
45-12-360-384-XX-X	360W	380W	53.820lm - 54.600lm	41.400lm - 42.840lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.





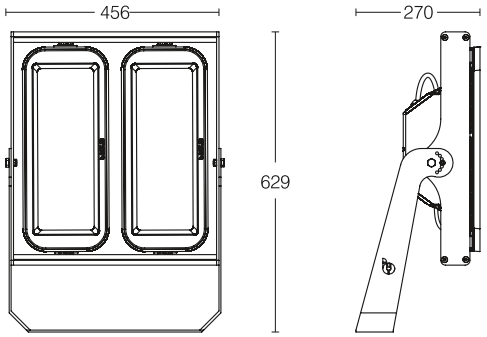
TETRA PRV-2

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,16m²
- Weight: 12,2 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate



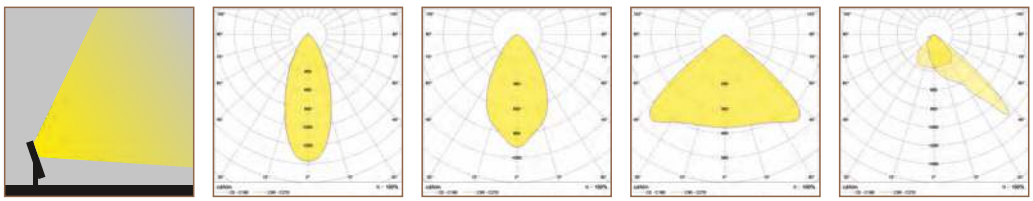


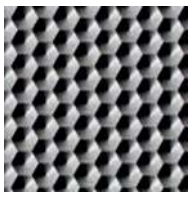




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA PRV-2

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-13-190-256-XX-X	190W	200W	27.600lm - 28.000lm	20.700lm - 21.420lm	3.000K - 4.000K
45-13-230-256-XX-X	230W	240W	35.880lm - 36.400lm	27.600m - 28.560lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

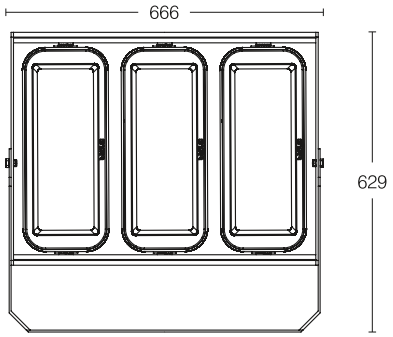
TETRA PRV-3

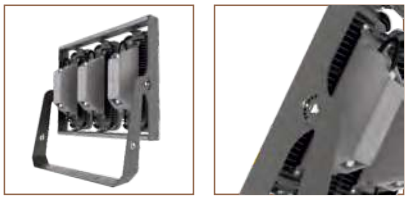
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,28m²
- Weight: 16,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

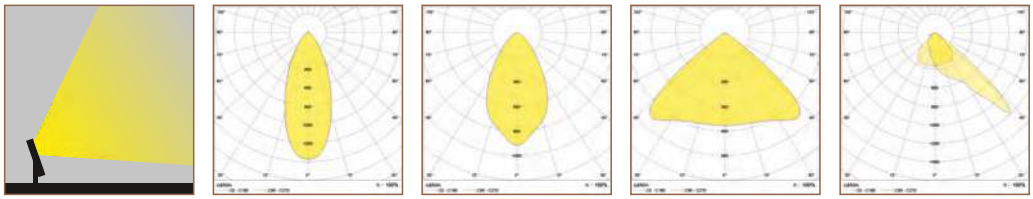


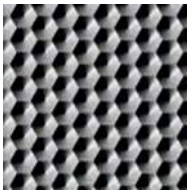




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA PRV-3

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-14-270-384-XX-X	270W	300W	41.400lm - 42.000lm	31.050lm - 32.130lm	3.000K - 4.000K
45-14-360-384-XX-X	360W	380W	53.820lm - 54.600lm	41.400m - 42.840lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

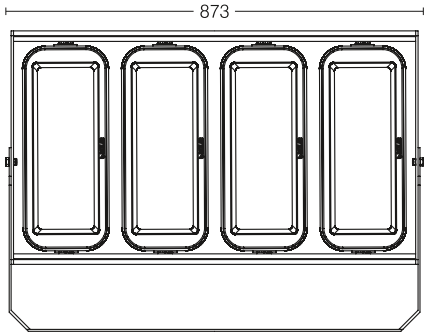
TETRA PRV-4

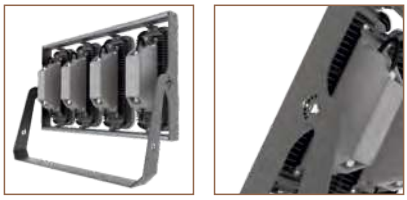
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,32m²
- Weight: 26,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

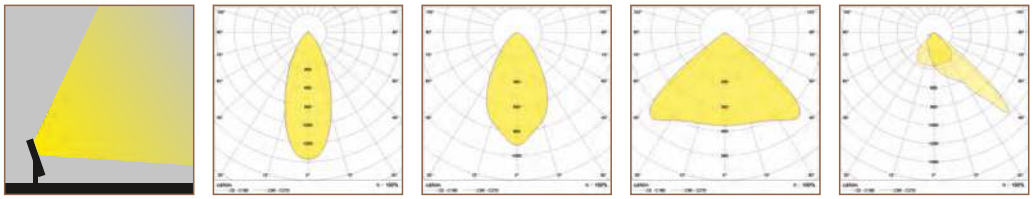


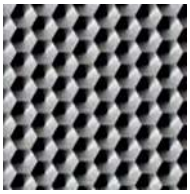




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA PRV-4

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-15-360-512-XX-X	360W	380W	55.200lm - 56.000lm	41.400lm - 42.840lm	3.000K - 4.000K
45-15-460-512-XX-X	460W	480W	71.760lm - 72.800lm	55.200m - 57.120lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

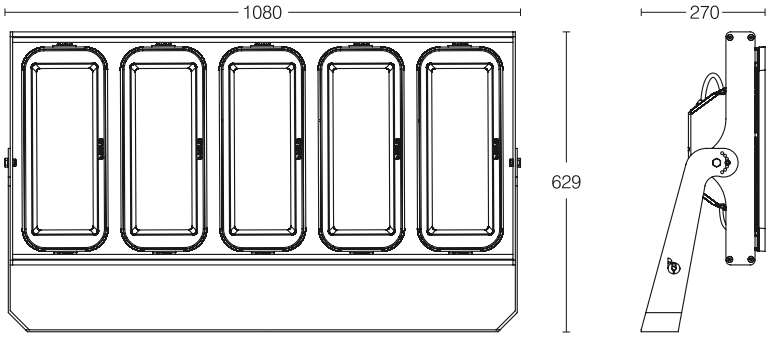
TETRA PRV-5

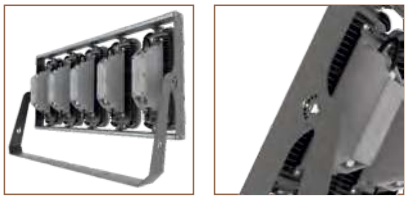
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



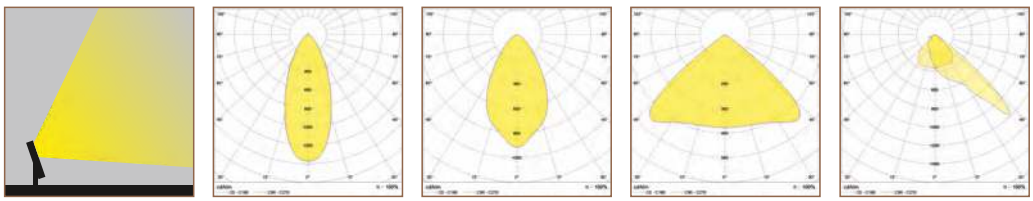
- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,40m²
- Weight: 30 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

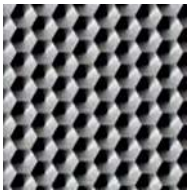




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





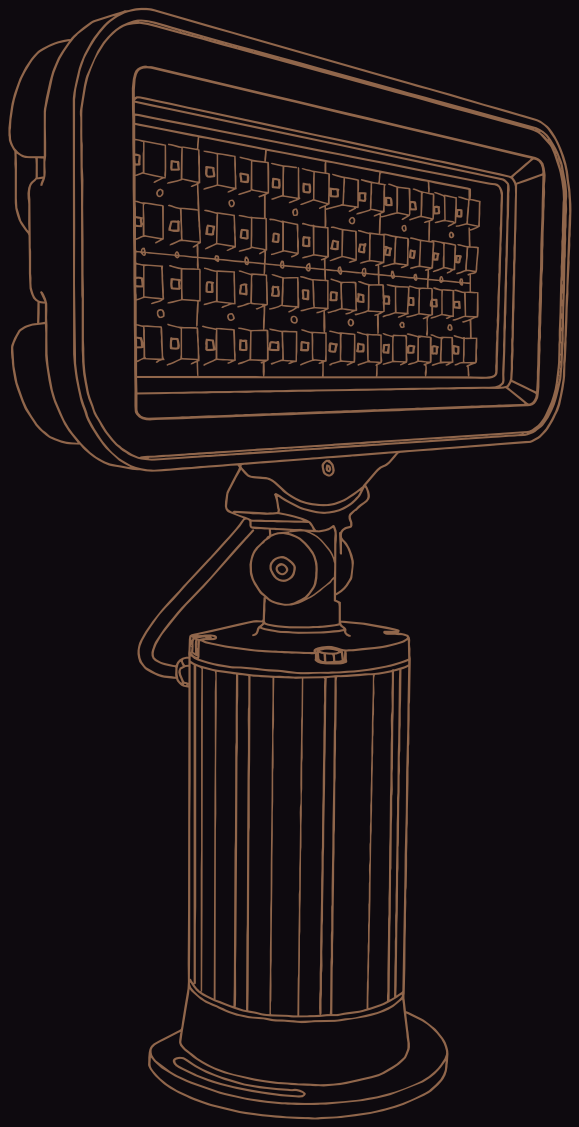
TETRA PRV-5

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-16-450-640-XX-X	450W	500W	89.700lm - 91.000lm	69.000lm - 71.400lm	3.000K - 4.000K
45-16-575-640-XX-X	575W	600W	91.500lm - 94.500lm	71.200m - 73.400lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.





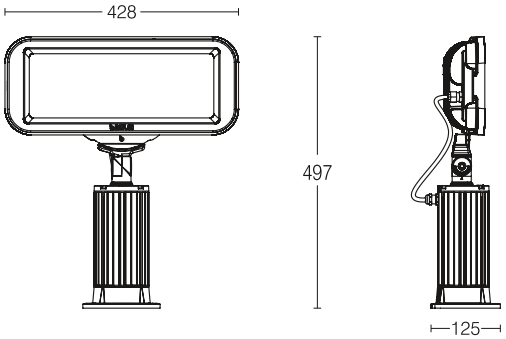
TETRA RGB

LED high-performance floodlights with wide & narrow beam light distribution.

EN 60598 IK09 IP66 CE



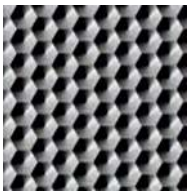
- Floodlight made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 160°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- RGB PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m²
- Weight: 5,5 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

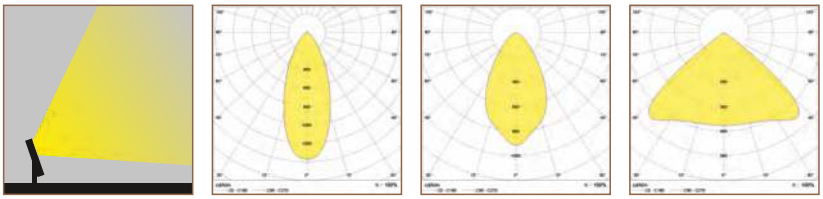




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA RGB

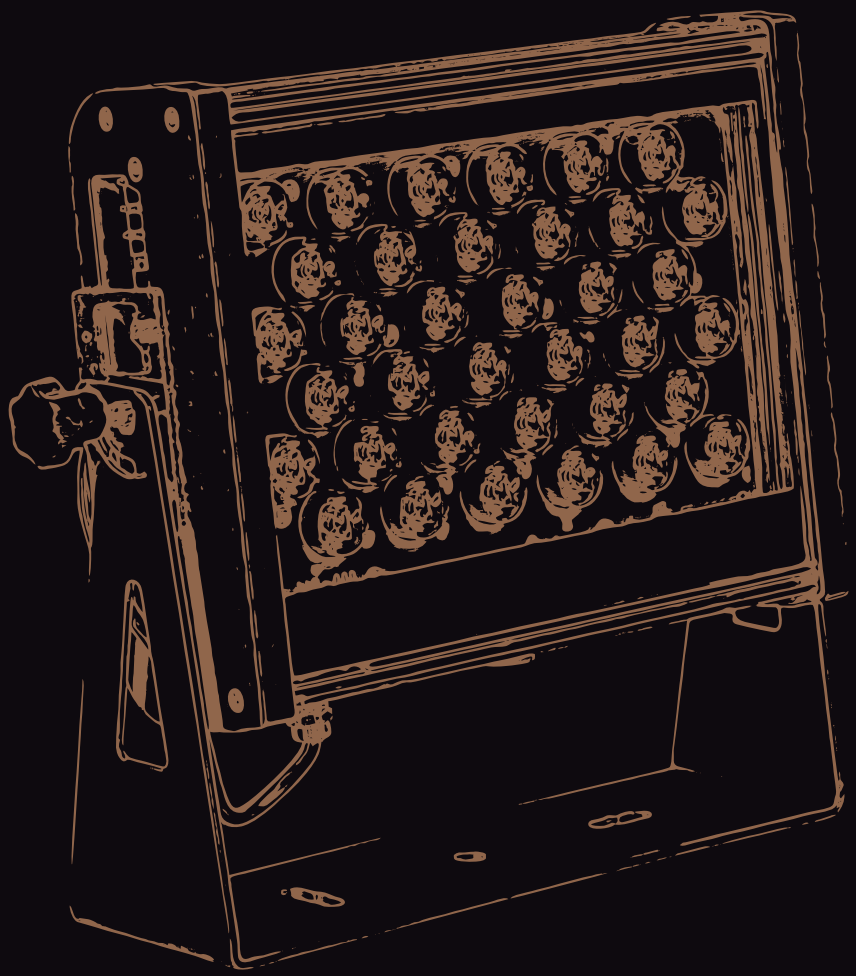
CODE	MODULE POWER	LUMINAIRE POWER
45-17-50-48-XX-RGB-DMX	50W	60W
45-17-50-48-XX-RGB-RF	50W	60W
45-17-100-48-XX-RGB-DMX	100W	120W
45-17-100-48-XX-RGB-RF	100W	120W

XX : Lens Angle

DMX 512
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI –0-10V
Interface : Controlable driver.
Control method : Analog with cable.
Fixture Connections : With cable

FIXTURE RUN LENGHTS
To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant.



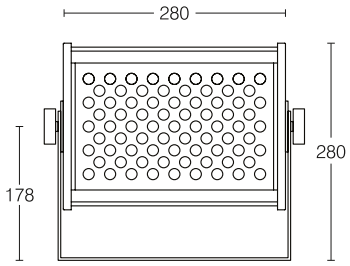
ALYA 25

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 110°
- Mounting bracket made of steel with
- Electrostatic powder coating.
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes.
- Input 110 –270V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,18m2
- Weight: 5 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

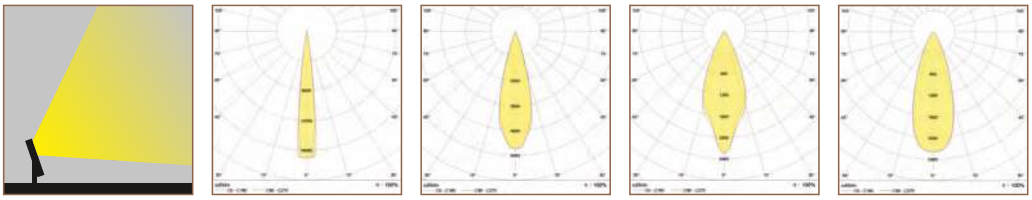


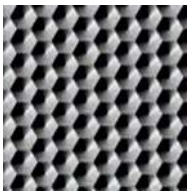




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS



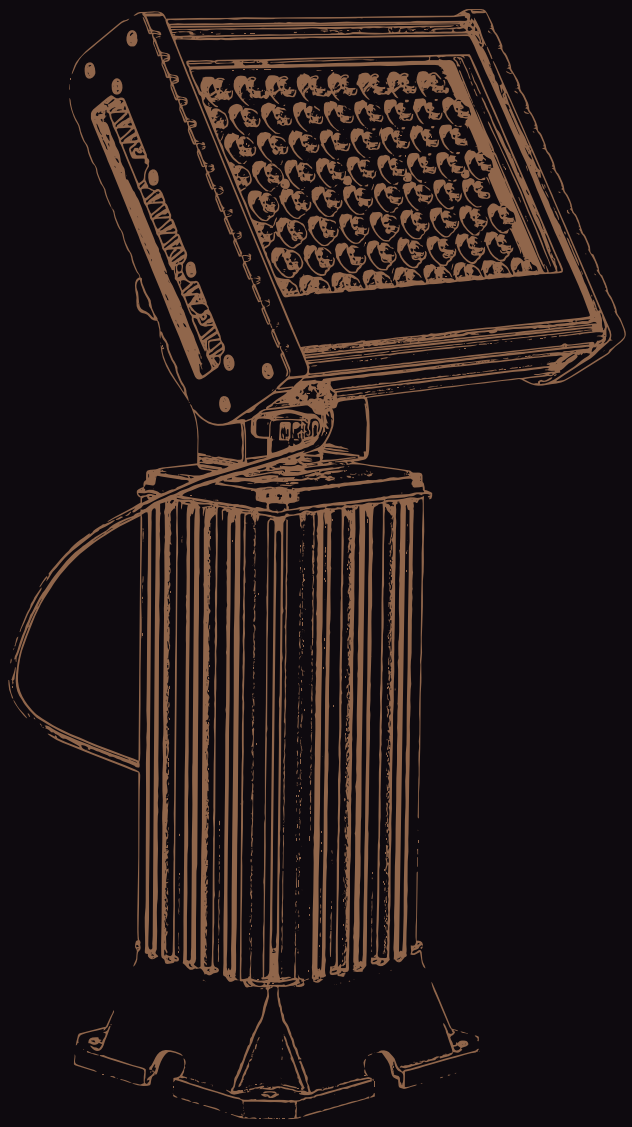


ALYA 25

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-03-25-36-XX-X	36W	60W	4.960lm - 5.040lm	3.880lm - 3.960lm	3.000K - 4.000K
45-03-25-70-XX-X	70W	75W	10.080lm - 10.440lm	7.776lm - 7.920lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



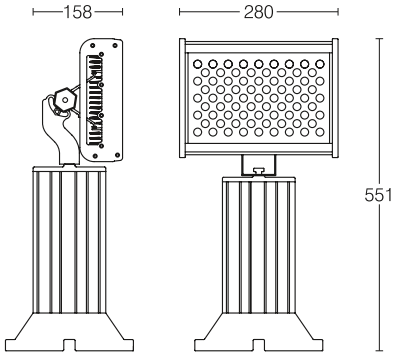
ALYA 25 RGB - RGBW(A)

LED high-performance floodlights with wide & narrow beam light distribution.

EN 60598 IK09 IP66 CE



- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 110°
- Mounting bracket made of steel with
- Electrostatic powder coating.
- Lens angle 12°-30°-45°-60°
- Colour standard 7040, optional RAL codes.
- Input 110 –270V AC 50 / 60 Hz
- Power factor > 90% full load
- RGB PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,18m2
- Weight: 6 kg
- Complies with European standards
- EN 60598 and CE certificate

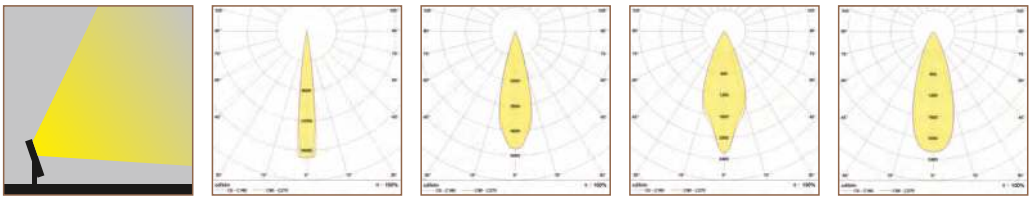






FEATURES

Color-changing and high-quality white light from the same fixture. ALYA 25 is an advanced approach to color mixing that enables high-quality intelligent color. Multiple channels of LED lightsoures combine to produce a full spectrum of precisely controllable light, including millons of saturated colors, pastels and uniform white light with CRI of greater than 85 in 2700K –4000K range



ALYA 25 RGB - RGBW(A)

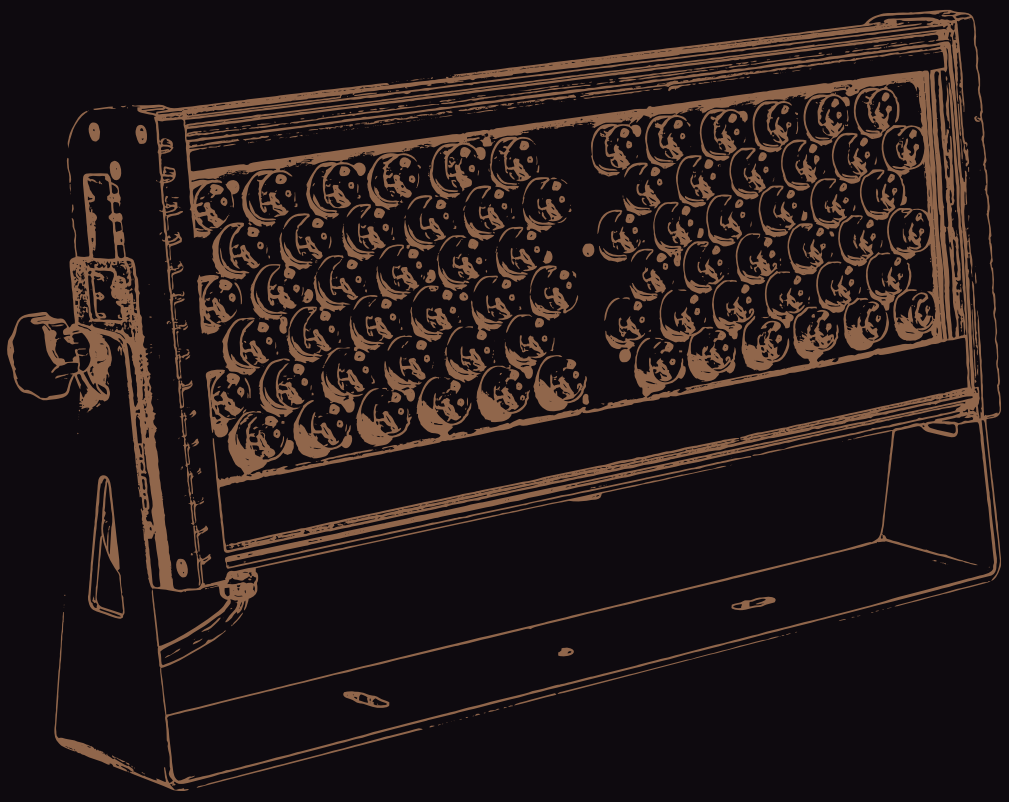
CODE	MODULE POWER	LUMINAIRE POWER
45-02-25-036-XX-RGB	36W	50W
45-02-25-070-XX-RGB	70W	75W
45-02-25-135-XX-RGB	135W	150W
45-02-25-036-XX-RGBW(A)	36W	50W
45-02-25-070-XX-RGBW(A)	72W	75W
45-02-25-150-XX-RGBW(A)	135W	150W

XX : Lens Angle

DMX 512
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI –0-10V
Interface : Controlable driver.
Control method : Analog with cable.
Fixture Connections : With cable

FIXTURE RUN LENGHTS
To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant.



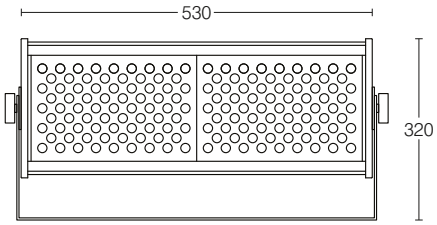
ALYA 50

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 110°
- Mounting bracket made of steel with
- Electrostatic powder coating.
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes.
- Input 110 –270V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,18m2
- Weight: 8,5 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

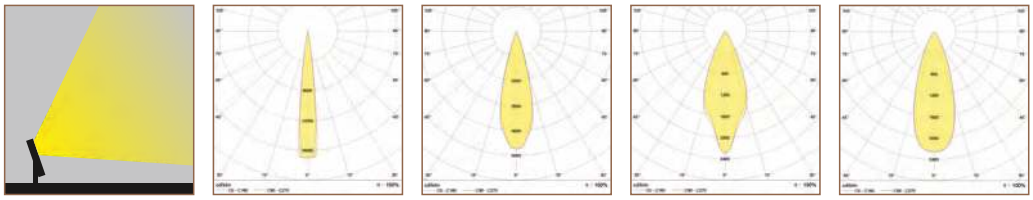


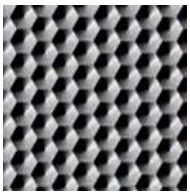




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS

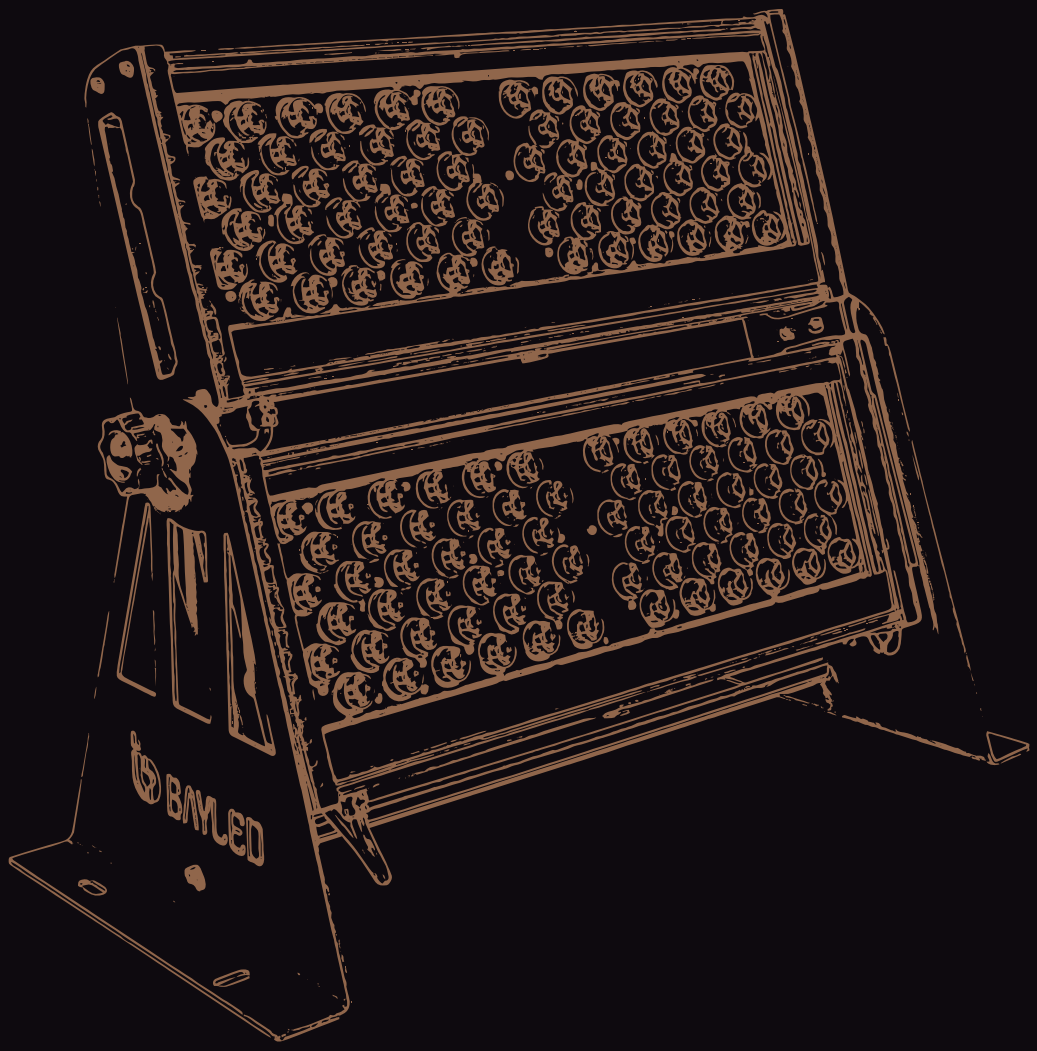




ALYA 50

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-03-50-70-XX-X	70W	100W	10.080lm - 10.440lm	7.776lm - 7.920lm	3.000K - 4.000K
45-03-50-140-XX-X	140W	150W	17.136lm - 17.280lm	12.240lm - 12.672lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.


BAYLED

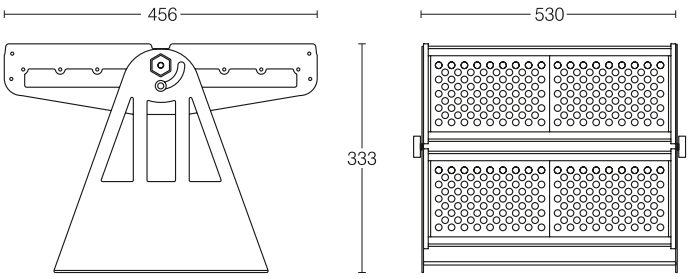
ASTRA

EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 100°
- Mounting bracket made of steel
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,42m2
- Weight: 19,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

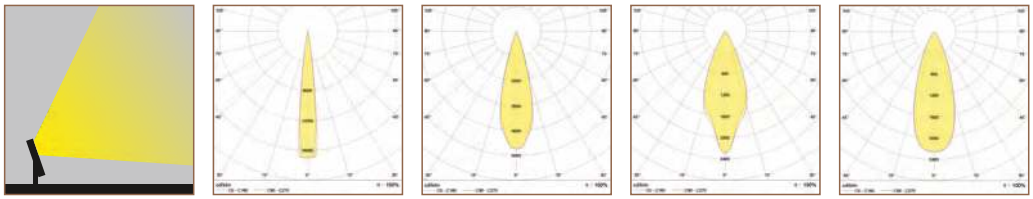


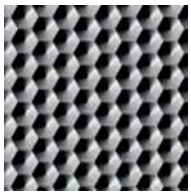






OPTIONAL ACCESORIES
ANTI GLARE DIFFUSERS

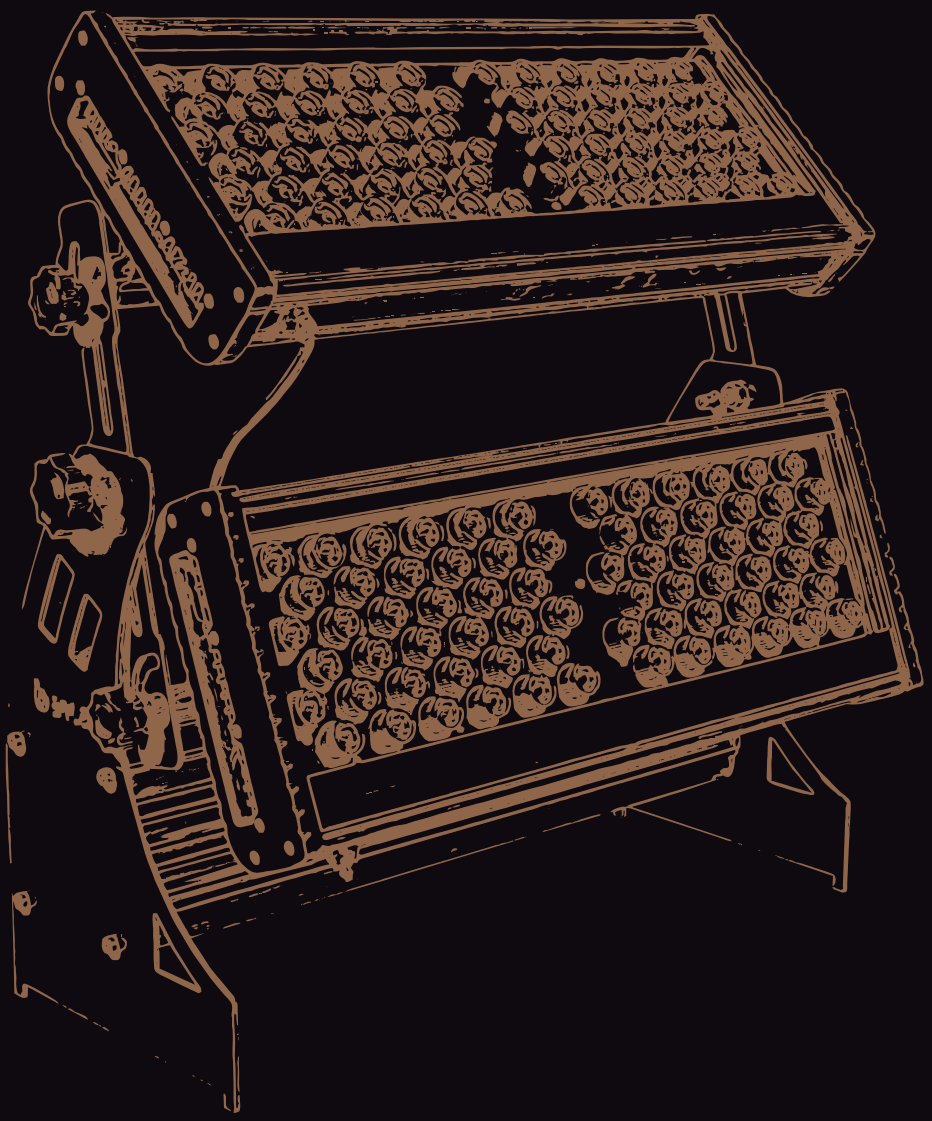




ASTRA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-04-50-144-XX-X	300W	320W	30.500m - 31.680lm	25.718lm - 24.310lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



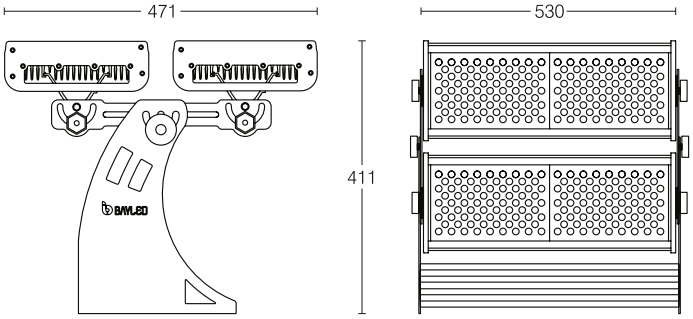
RIVA

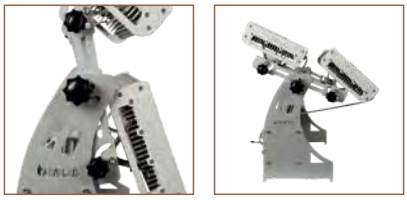
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.



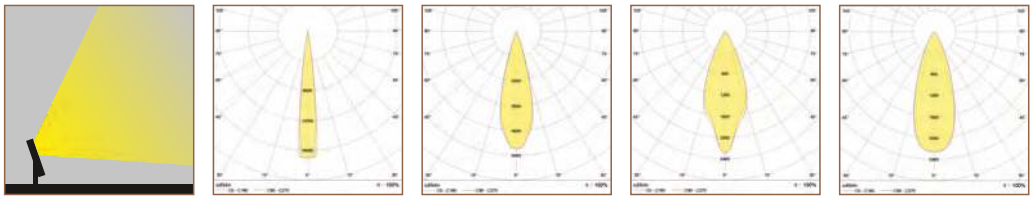
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 120°
- Mounting bracket made of steel
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- RGB PWM signal with RC (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,42m2
- Weight: 19,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

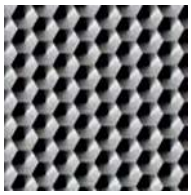




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS

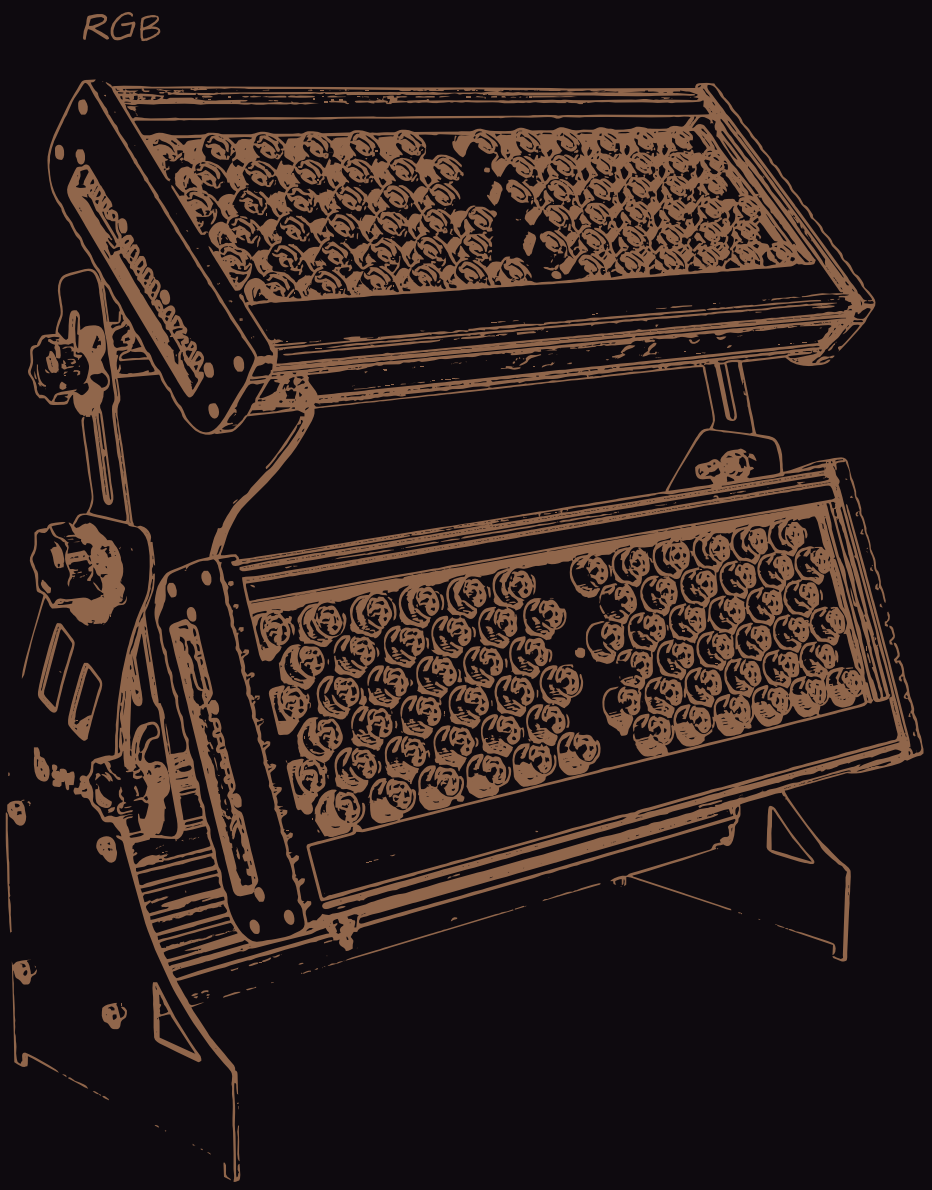




RIVA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
45-05-50-144-XX-X	300W	320W	30.500m - 31.680lm	25.718lm - 24.310lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.


RGB

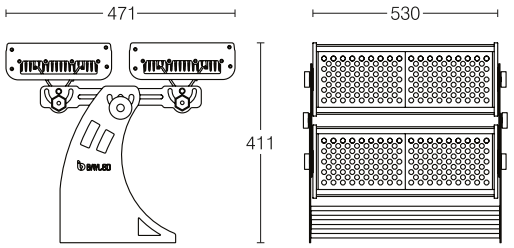
RIVA RGB

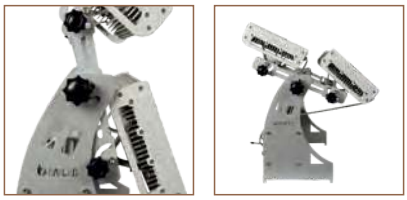
EN 60598 IK09 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 120°
- Mounting bracket made of steel
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- RGB PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,42m2
- Weight: 19,4 kg
- Complies with European standards
- EN 60598 and CE certificate

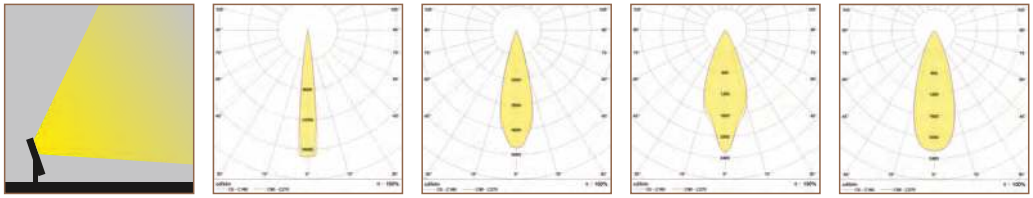






FEATURES

Color-changing and high-quality white light from the same fixture. RIVA is an advanced approach to color mixing that enables high-quality intelligent color. Multiple channels of LED lightsoures combine to produce a full spectrum of precisely controllable light, including millons of saturated colors, pastels and uniform white light with CRI of greater than 85 in 2700K –4000K range



RIVA RGB

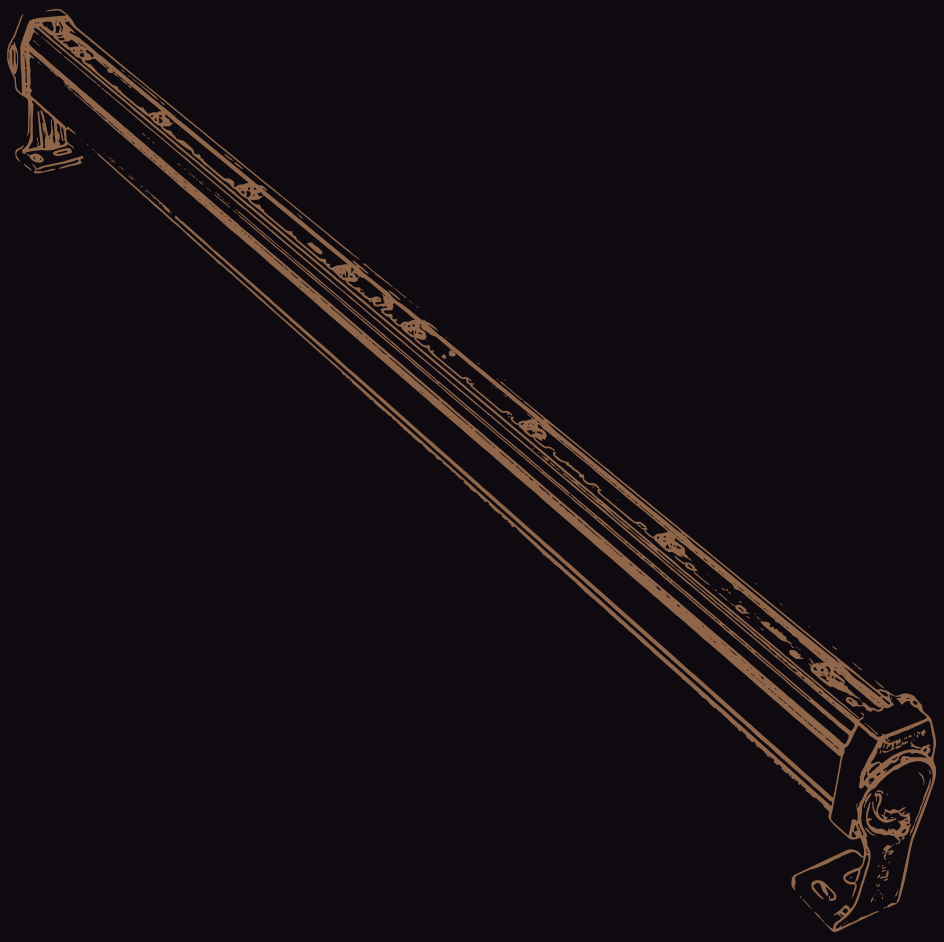
CODE	MODULE POWER	LUMINAIRE POWER
45-05-50-144-XX-RGB	280W	300W

XX : Lens Angle

DMX 512
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI –0-10V
Interface : Controlable driver.
Control method : Analog with cable.
Fixture Connections : With cable

FIXTURE RUN LENGHTS
To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant.



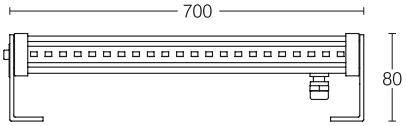
LEXA

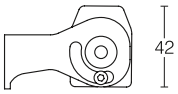
EN 60598 IP66 CE

LED high-performance wallwashers with wide beam light distribution.



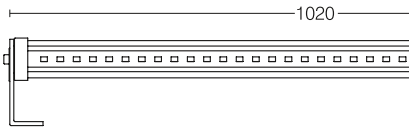
- Wallwasher made of aluminium alloy
- Aluminium and stainless steel
- Silicon rubber gasket
- Swivel range 95°
- Mounting bracket made of plastic
- LED chip angle 125°(without lens)
- Colour standard : mat anodized
- Input 170 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- Safety Class I
- Protection Class IP66
- Operation temperature -25°C / +55°C
- Wind catching area: 0,06m2
- Weight: 0,75 kg
- Complies with European standards
- EN 60598 and CE certificate

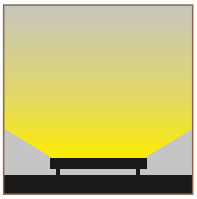


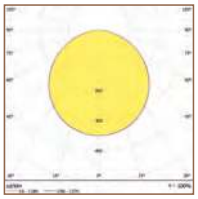










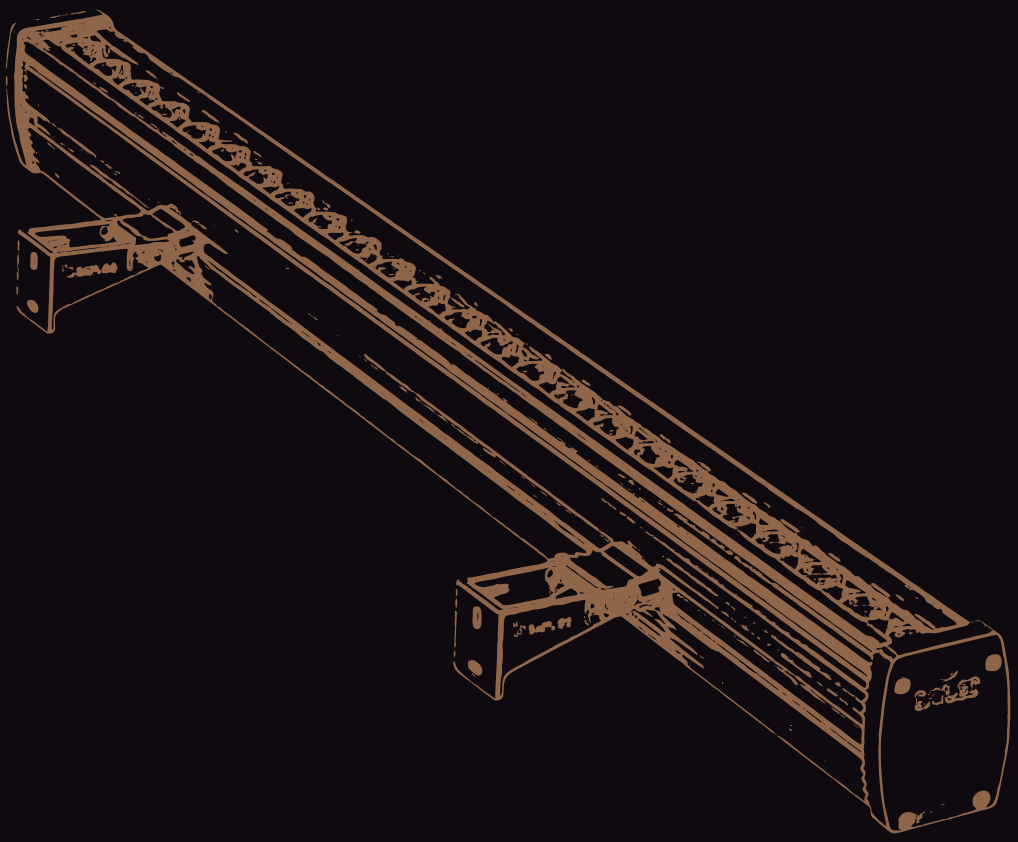


LEXA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
70-001-070-22-XX-X	12W	18W	1.750lm - 1.870lm	1.100lm - 1.320lm	3.000K - 4.000K
70-001-100-33-XX-X	18W	24W	2.700lm - 2.805lm	2.145lm - 2.310lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



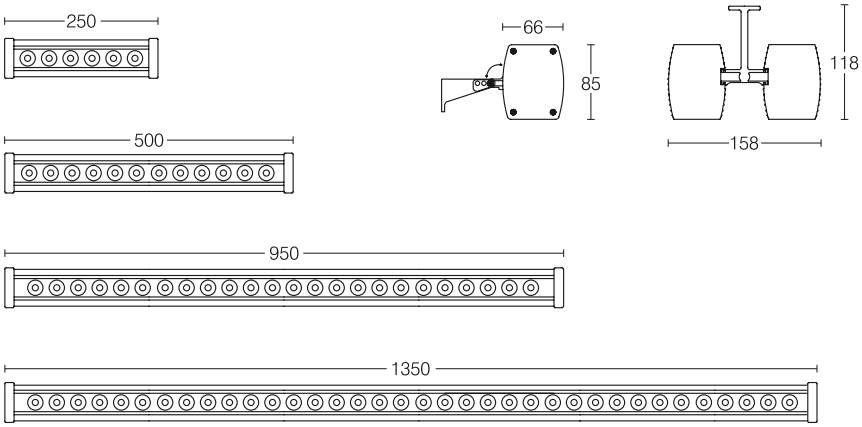
NOVA

EN 60598 IK09 IP66 CE

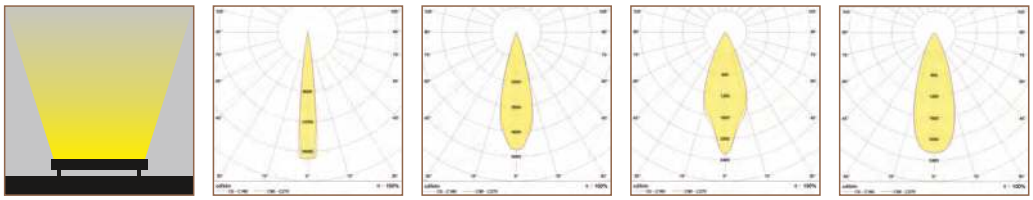
LED high-performance wallwashers with wide & narrow beam light distribution.

- Wallwasher made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 95°
- Mounting bracket made of plastic
- Lens angle 8°-25°-45°-60°
- Colour standard mat anodized
- Input 110 – 240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m2
- Weight: 6W:0,95kg / 12W:1,8kg / 24W:3,07kg / 36W:4,43kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate









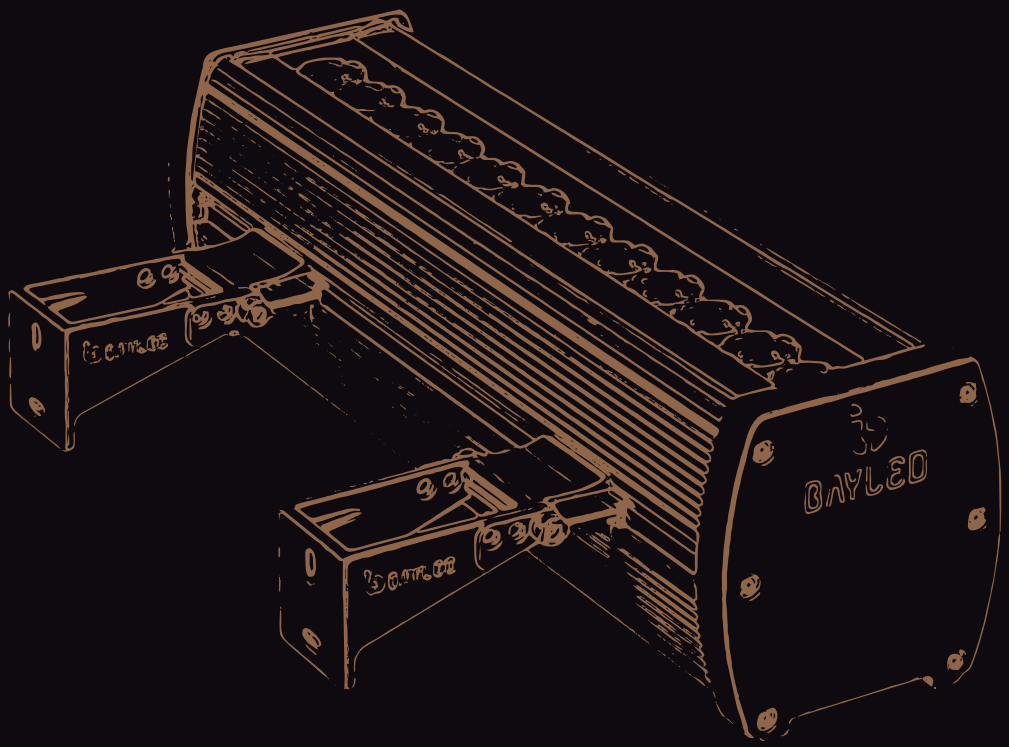
NOVA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
01-001-025-006-XX-X	6W	12W	840lm - 870lm	660lm - 690lm	3.000K - 4.000K
01-001-050-012-XX-X	12W	18W	1.680lm - 1.740lm	1.320lm - 1.380lm	3.000K - 4.000K
01-001-095-024-XX-X	24W	35W	3.360lm - 3.480lm	2.640lm - 2.760lm	3.000K - 4.000K
01-001-135-036-XX-X	36W	50W	5.040lm - 5.220lm	3.960lm - 4.140lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

BAYLED®



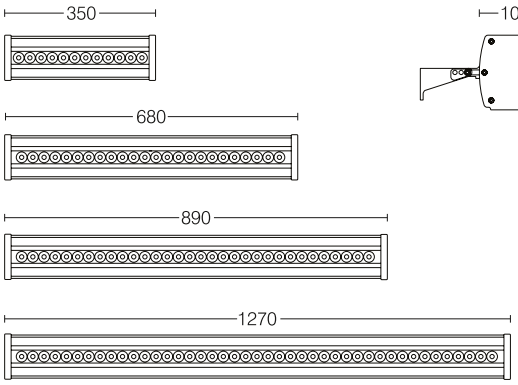
VEGA

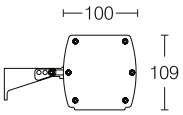
EN 60598 IK08 IP66 CE

LED high-performance wallwashers with wide & narrow beam light distribution.

- Wallwasher made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 95°
- Mounting bracket made of plastic
- Lens angle 8°-25°-45°-60°
- Colour standard mat anodized
- Input 110 – 240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK08
- Operation temperature -25°C / +55°C
- Wind catching area: 0,14m2
- Weight: 35cm: 2kg / 70cm: 3.53kg / 100cm: 4.84kg / 130cm: 6.3kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

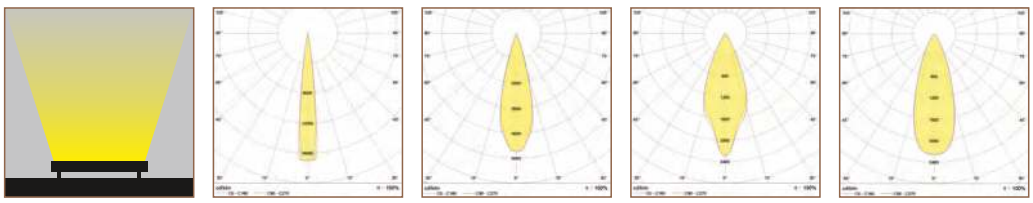










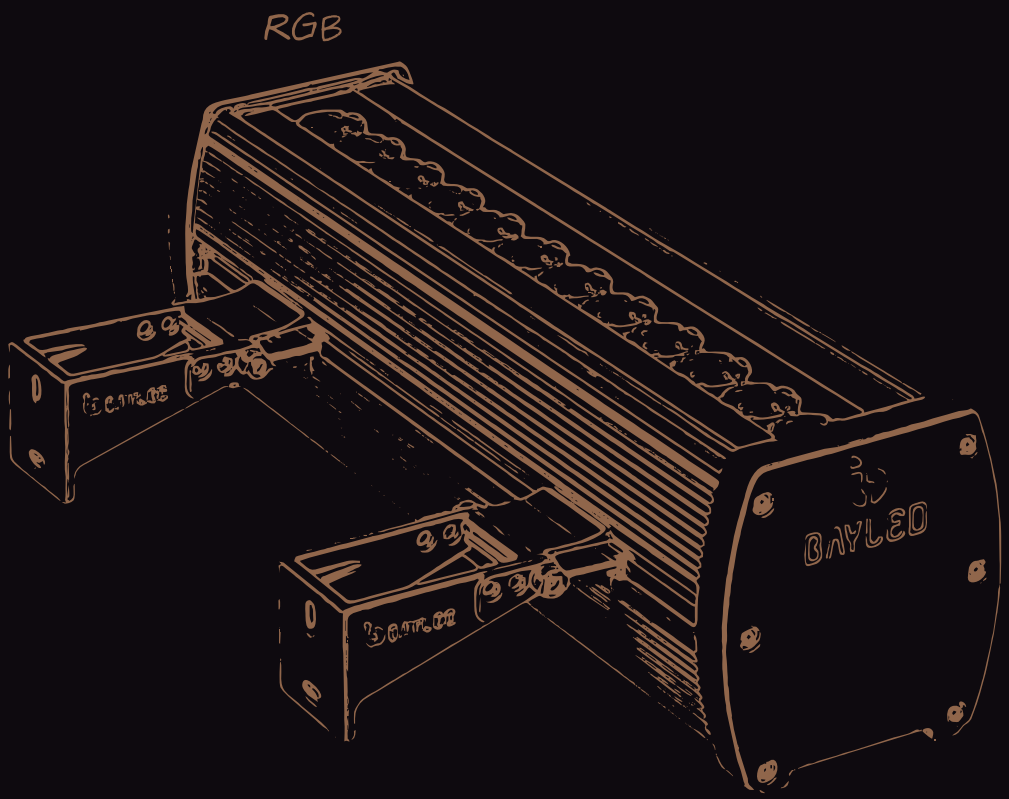


VEGA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
01-02-35-12-XX-X	12W	18W	1.680lm - 1.740lm	1.320lm - 1.380lm	3.000K - 4.000K
01-02-35-24-XX-X	24W	35W	2.000lm - 2.160lm	1.656lm - 1.680lm	3.000K - 4.000K
01-02-70-24-XX-X	24W	36W	3.360lm - 3.480lm	2.640lm - 2.760lm	3.000K - 4.000K
01-02-70-48-XX-X	48W	60W	5.040lm - 5.280lm	3.960lm - 4.080lm	3.000K - 4.000K
01-02-100-36-XX-X	36W	60W	5.040lm - 5.220lm	3.960lm - 4.140lm	3.000K - 4.000K
01-02-100-72-XX-X	72W	75W	7.560lm - 8.280lm	5.940lm - 6.120lm	3.000K - 4.000K
01-02-130-48-XX-X	48W	60W	6.720lm - 6.960lm	5.280lm - 5.520lm	3.000K - 4.000K
01-02-130-96-XX-X	96W	100W	10.560lm - 11.040lm	7.920lm - 8.160lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.


RGB
BAYLED

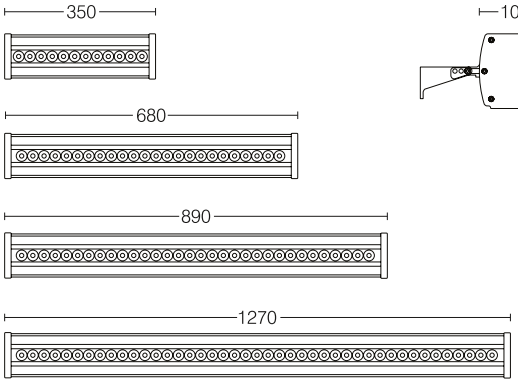
VEGA RGB

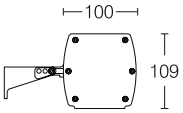
EN 60598 IK08 IP66 CE

LED high-performance wallwashers with wide & narrow beam light distribution.

- Wallwasher made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 95°
- Mounting bracket made of plastic
- Lens angle 8°-25°-45°-60°
- Colour standard mat anodized
- Input 110 – 240V AC 50 / 60 Hz
- Power factor > 90% full load
- RGB PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK08
- Operation temperature -25°C / +55°C
- Wind catching area: 0,14m2
- Weight: 35cm: 2kg / 70cm: 3.53kg / 100cm: 4.84kg / 130cm: 6.3kg
- Complies with European standards
- EN 60598 and CE certificate



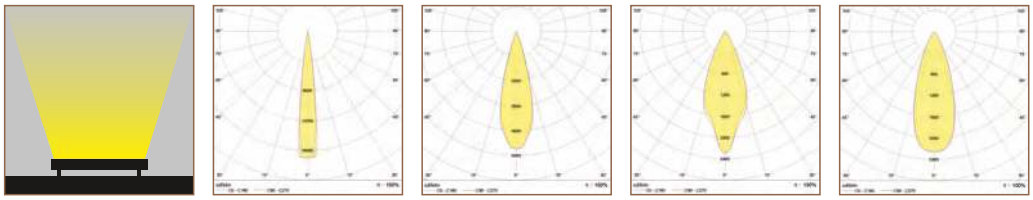






FEATURES

Color-changing and high-quality white light from the same fixture. VEGA is an advanced approach to color mixing that enables high-quality intelligent color. Multiple channels of LED lightsoures combine to produce a full spectrum of precisely controllable light, including millons of saturated colors, pastels and uniform white light with CRI of greater than 85 in 2700K –4000K range



VEGA RGB

CODE	MODULE POWER	LUMINAIRE POWER
01-02-35-12-XX-RGB	12W	18W
01-02-35-24-XX-RGB	24W	35W
01-02-70-24-XX-RGB	24W	36W
01-02-70-48-XX-RGB	48W	60W
01-02-100-36-XX-RGB	36W	60W
01-02-100-72-XX-RGB	72W	75W
01-02-130-48-XX-RGB	48W	60W
01-02-130-96-XX-RGB	96W	100W

XX : Lens Angle

DMX 512

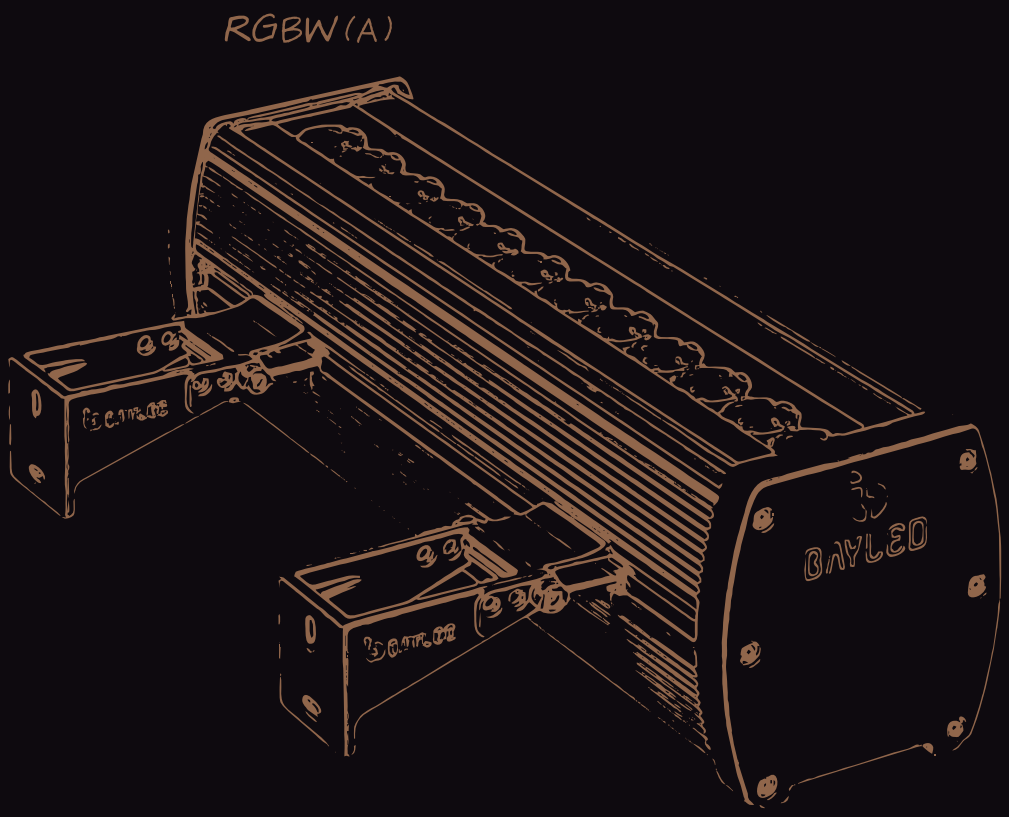
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI –0-10V

Interface : Controlable driver.
Control method : Analog with cable.
Fixture Connections : With cable

FIXTURE RUN LENGHTS

To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant.


RGBW(A)
BAYLED

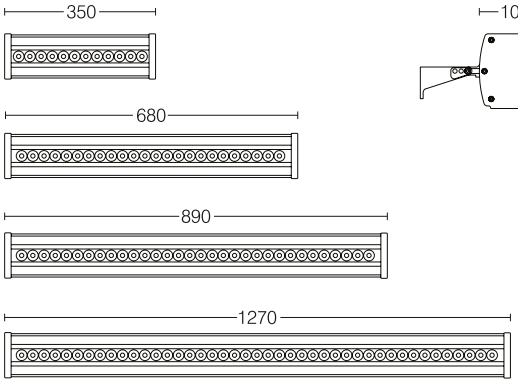
VEGA RGBW(A)

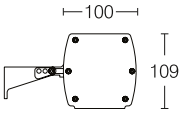
LED high-performance wallwashers with wide & narrow beam light distribution.

EN 60598 IK08 IP66 CE

- Wallwasher made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 95°
- Mounting bracket made of plastic
- Lens angle 8°-25°-45°-60°
- Colour standard mat anodized
- Input 110 – 240V AC 50 / 60 Hz
- Power factor > 90% full load
- RGB PWM signal with RC (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK08
- Operation temperature -25°C / +55°C
- Wind catching area: 0,14m2
- Weight: 35cm: 2kg / 70cm: 3.53kg / 100cm: 4.84kg / 130cm: 6.3kg
- Complies with European standards
- EN 60598 and CE certificate



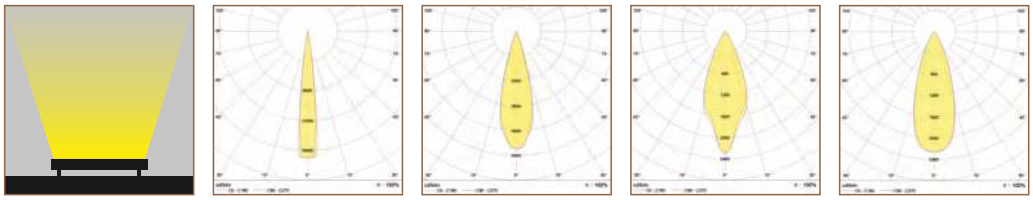






FEATURES

Color-changing and high-quality white light from the same fixture. VEGA is an advanced approach to color mixing that enables high-quality intelligent color. Multiple channels of LED lightsoures combine to produce a full spectrum of precisely controllable light, including millons of saturated colors, pastels and uniform white light with CRI of greater than 85 in 2700K –4000K range



VEGA RGBW(A)

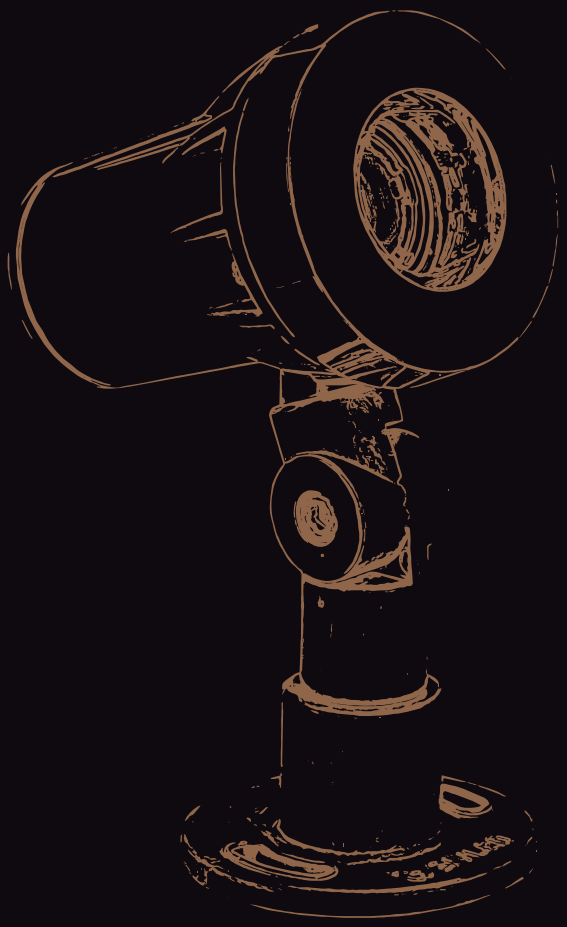
CODE	MODULE POWER	LUMINAIRE POWER
01-02-35-12-XX-RGBW(A)	12W	18W
01-02-35-24-XX-RGBW(A)	24W	35W
01-02-70-24-XX-RGBW(A)	24W	36W
01-02-70-48-XX-RGBW(A)	48W	60W
01-02-100-36-XX-RGBW(A)	36W	60W
01-02-100-72-XX-RGBW(A)	72W	75W
01-02-130-48-XX-RGBW(A)	48W	60W
01-02-130-96-XX-RGBW(A)	96W	100W

XX : Lens Angle

DMX 512
Interface : Data Enabler (DMX/Bayled)
Adress method: Digital
Fixture Connections : male/female XLR

DALI –0-10V
Interface : Controlable driver.
Control method : Analog with cable.
Fixture Connections : With cable

FIXTURE RUN LENGHTS
To calculate fixture run lenghts and total power consumption for your specific installation, please ask to company assistant.



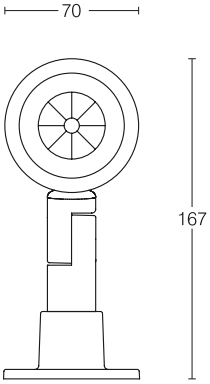
DIO

LED high-performance floodlights with wide & narrow beam light distribution.

EN 60598 IP66 CE



- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 3mm polycarbon glass
- Silicon base seal gasket
- Mounting bracket made plastic
- Electrostatic powder coating
- Lens angle 8°-25°-40°-60°
- Colour standard 7040, optional RAL codes
- Input 170 –240V AC 50 / 60 Hz
- Power factor > 87% full load
- Mono colour (Standard)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- Safety Class I
- Protection Class IP66
- Operation temperature -25°C / +55°C
- Weight: 0,49 kg
- Complies with European standards
- EN 60598 and CE certificate

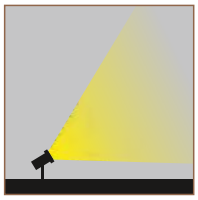


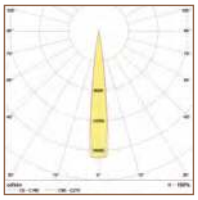


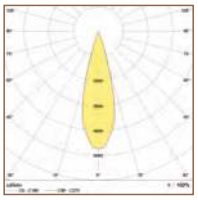


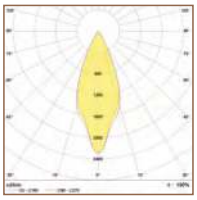
OPTIONAL ACCESORIES

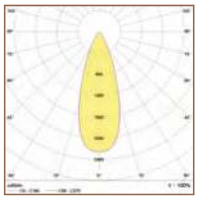
MOUNTING BRACKET









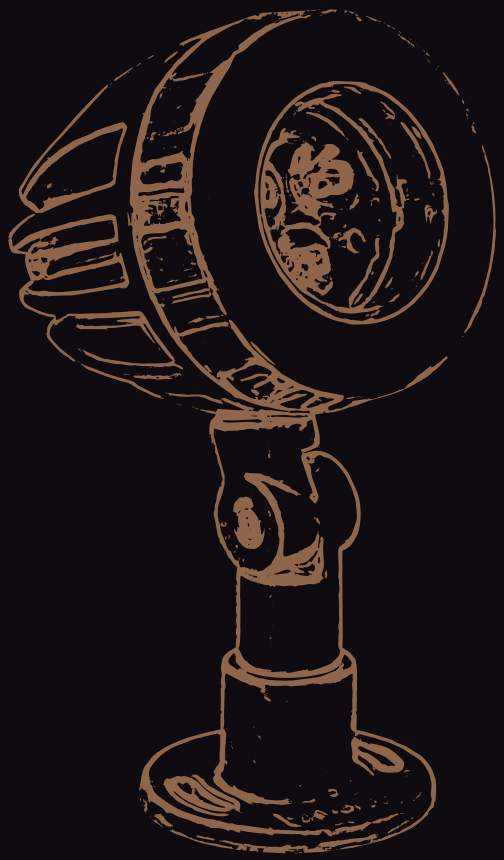




DIO

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
20-04-001-XX-X	1W	1W	145lm - 145lm	113lm - 115lm	3.000K - 4.000K
20-04-003-XX-X	3W	3W	235lm - 170lm	240lm - 176lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



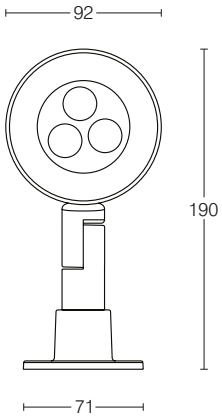
MIRA

LED high-performance floodlights with wide & narrow beam light distribution.

EN 60598 IP66 CE



- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 3mm polycarbon glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 15°-45°(3 in1 full lens)
- Colour standard 7040, optional RAL codes
- Input 170 –240V AC 50 / 60 Hz
- Power factor > 87% full load
- Mono colour (Standard)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- Safety Class I
- Protection class IP66
- Operation temperature -25°C / +55°C
- Weight: 0,75 kg
- Complies with European standards
- EN 60598 and CE certificate

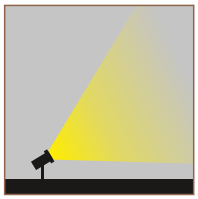


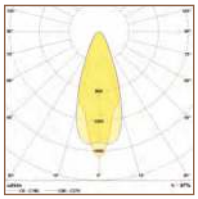


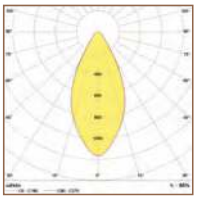


OPTIONAL ACCESORIES

MOUNTING BRACKET





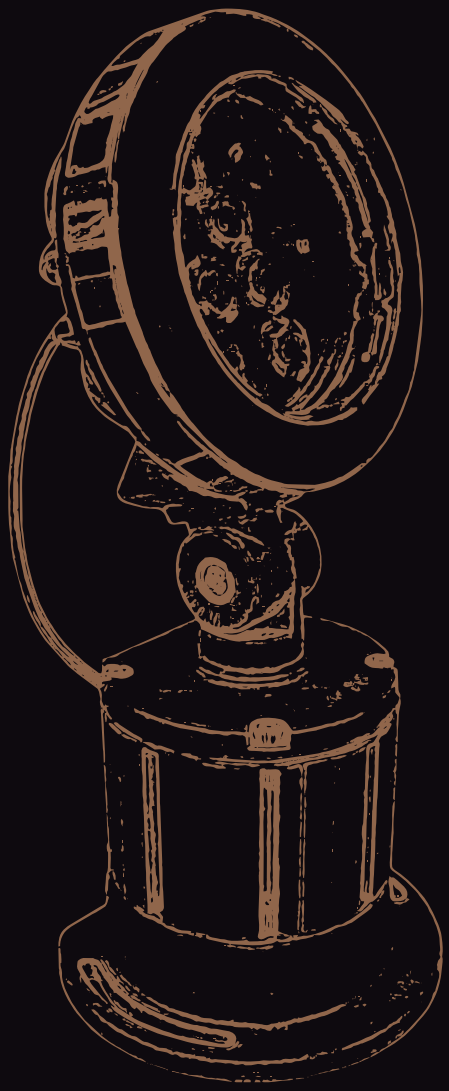




MIRA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
20-01-3-XX-X	3W	3W	420lm - 435lm	324lm - 330lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



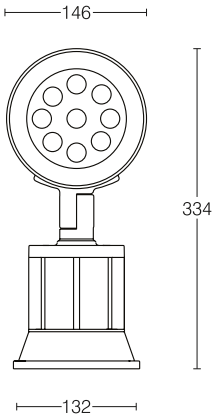
NERO

EN 60598 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

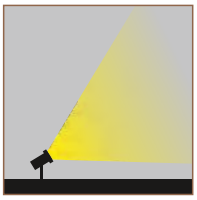
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 3mm polycarbon glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 30°- 50° (9 in 1 full lens)
- Colour standard 7040, optional RAL codes
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- Safety Class I
- Protection class IP66
- Operation temperature -25°C / +55°C
- Weight: 1,66 kg
- Complies with European standards
- EN 60598 and CE certificate

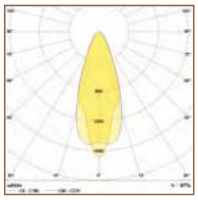


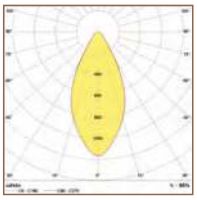












NERO

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
20-02-009-XX-X	9W	12W	1.260lm - 1.305lm	990lm - 1.035lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



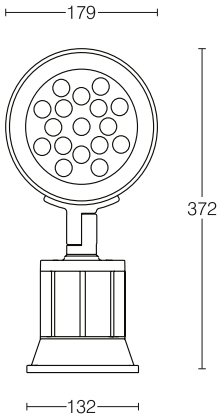
RIO

EN 60598 IP66 CE

LED high-performance floodlights with wide & narrow beam light distribution.

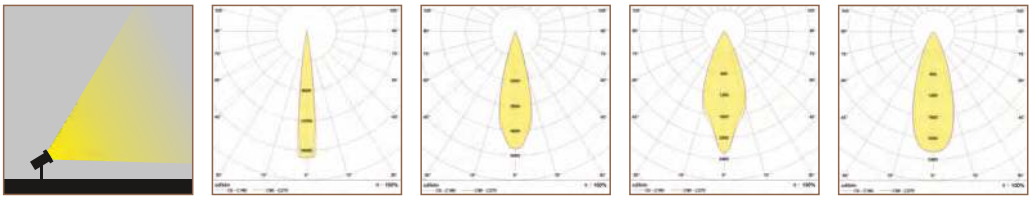
- Floodlight made of aluminium alloy
- Aluminium and stainless steel
- Clear 3mm polycarbon glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Operation temperature -25°C / +55°C
- Weight: 2,23 kg
- Complies with European standards
- EN 60598 and CE certificate







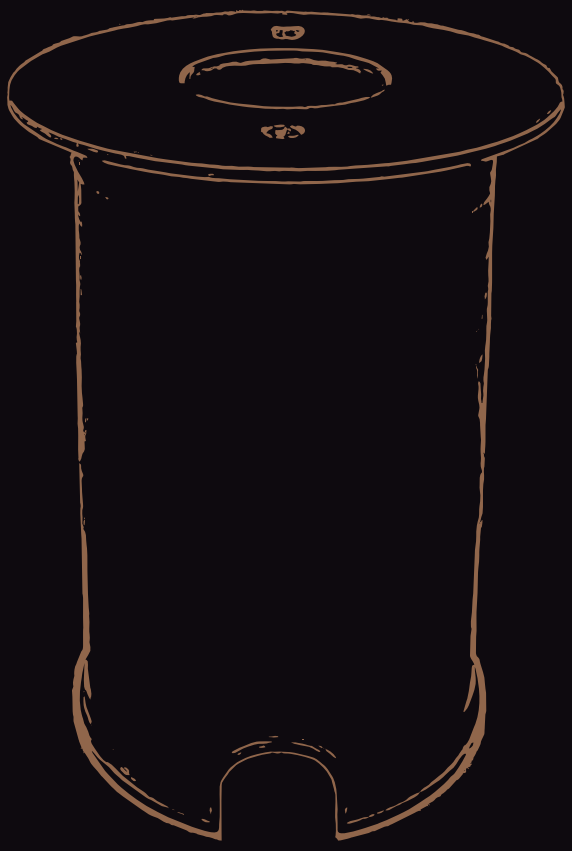




RIO

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
20-03-18-XX-X	18W	25W	2.484lm - 2.610lm	1.980lm - 2.088lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K 6500K on request.



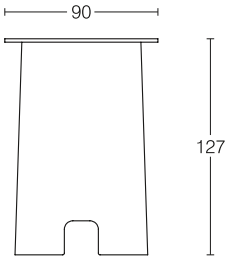
ANKA

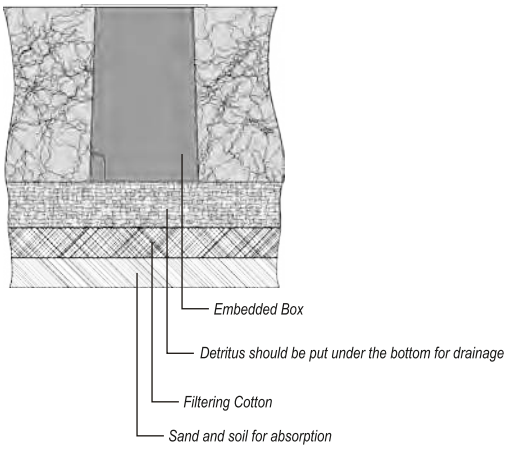
EN 60598 IK09 IP67 CE

LED high-performance inground with wide & narrow beam light distribution.

- Inground made of aluminium alloy
- Aluminium and stainless steel
- Clear 6mm safety glass
- Silicon base seal gasket
- Mounting bracket made plastic
- Electrostatic powder coating
- Lens angle 8°-25°-40°-60°
- Colour standard 7040, optional RAL codes
- Input 170 –240V AC 50 / 60 Hz
- Power factor > 87% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP67
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Weight: 0,47 kg
- Complies with European standards
- EN 60598 and CE certificate

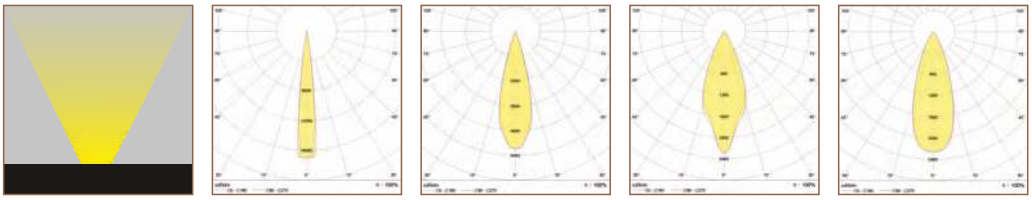








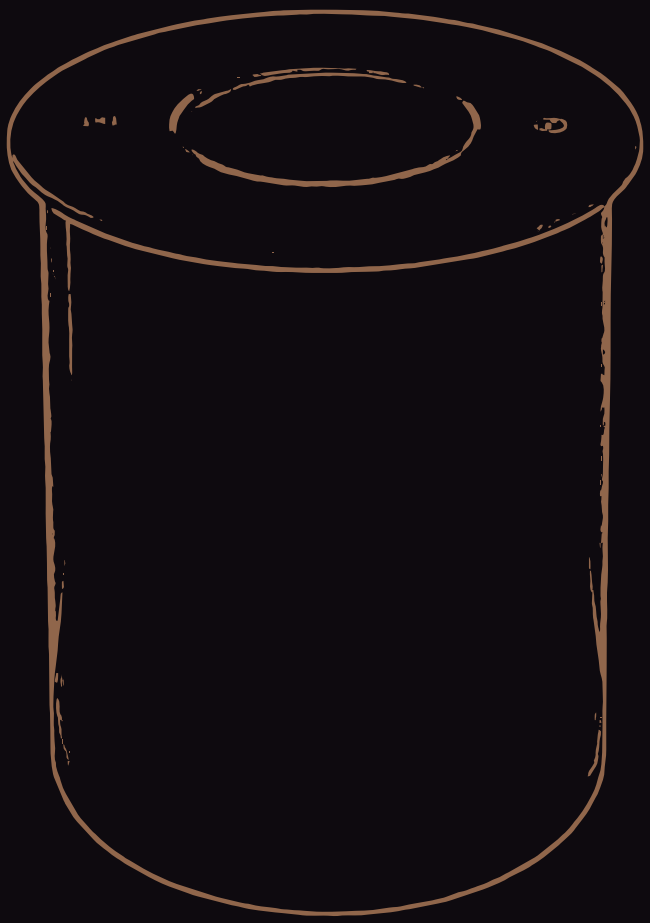




ANKA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
15-05-01-01-XX-X	1W	1W	140lm - 145lm	113lm - 115lm	3.000K - 4.000K
15-05-01-03-XX-X	3W	3W	235lm - 240lm	170lm - 176lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



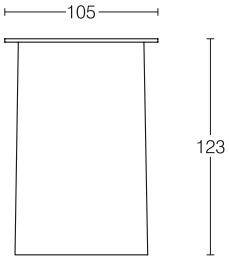
ASPEN

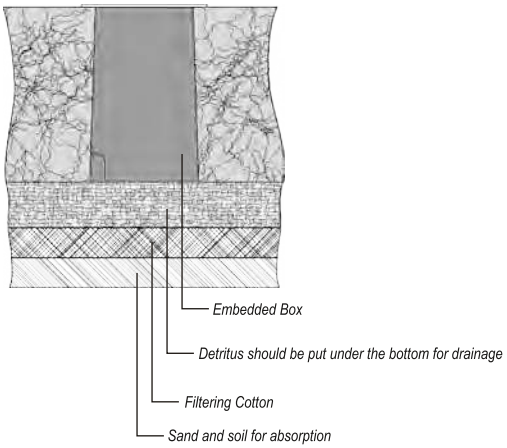
EN 60598 IK09 IP67 CE

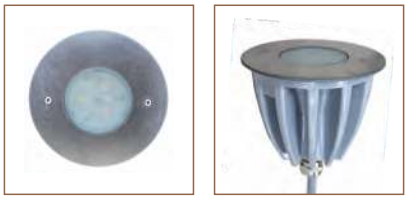
LED high-performance inground with wide & narrow beam light distribution

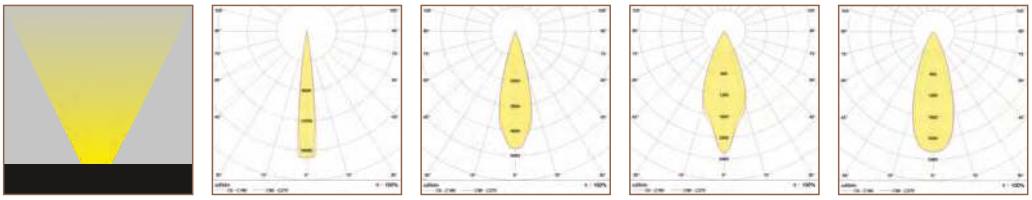
- Inground made of aluminium alloy
- Aluminium and stainless steel
- Clear 6mm safety glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 12°-30°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 170 –240V AC 50 / 60 Hz
- Power factor > 87% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP67
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Weight: 0,75 kg
- Complies with European standards
- EN 60598 and CE certificate







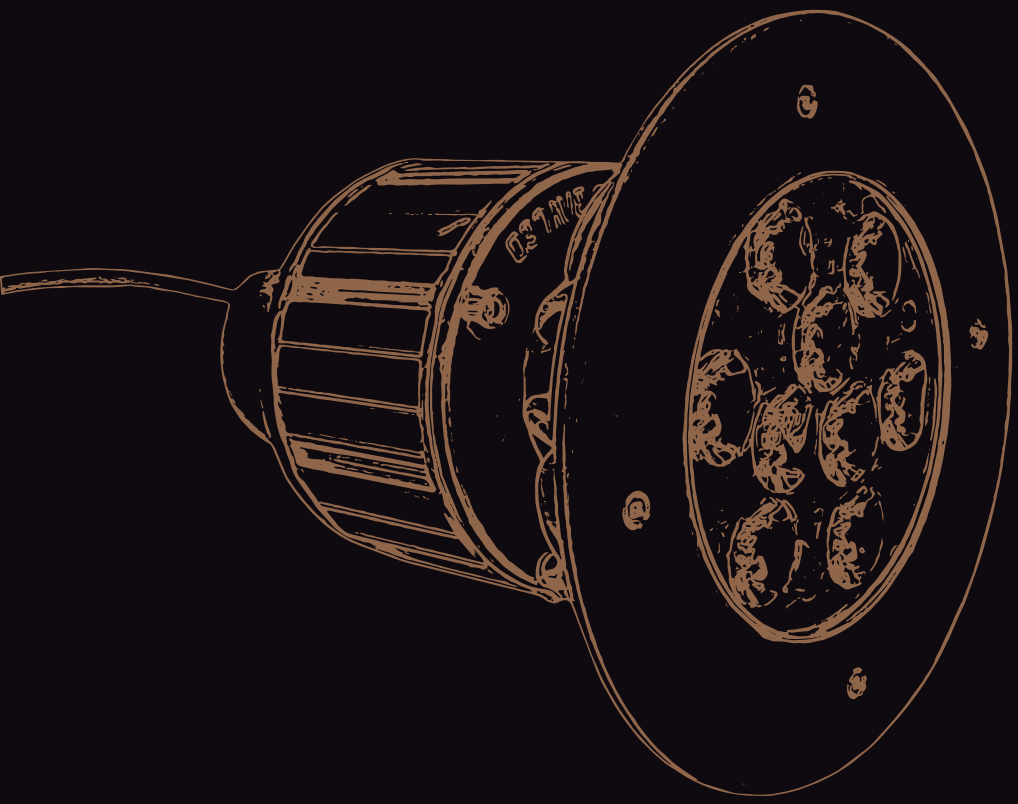




ASPEN

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
15-01-003-XX-X	3W	3W	420lm - 435lm	324lm - 330lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



TITUS

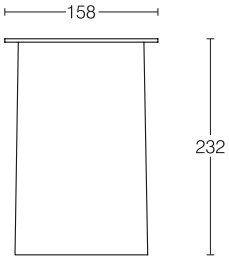
EN 60598 IK09 IP67 CE

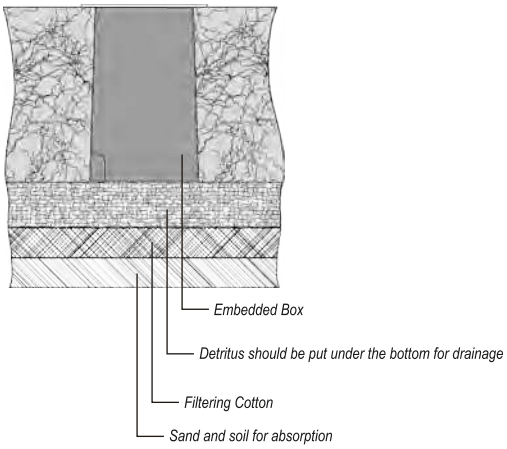
LED high-performance inground with wide & narrow beam light distribution

- Inground made of aluminium alloy
- Aluminium and stainless steel
- Clear 6mm safety glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 30°-50° (9in 1 full lens)
- Colour standard 7040, optional RAL codes
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- DMX 512 (optional)
- Safety Class I
- Protection class IP67
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Weight: 2 kg
- Complies with European standards
- EN 60598 and CE certificate





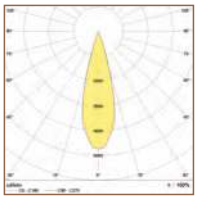


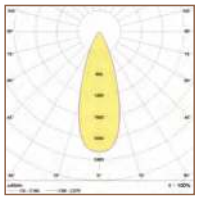












A'DESIGN AWARD
WINNER 2013
2012-2013
Silver A'
Lighting Design
Awards

TITUS

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
15-02-009-XX-X	9W	12W	1.260lm - 1.305lm	990lm - 1.035lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



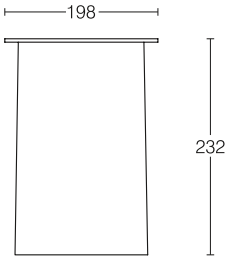
COSMO

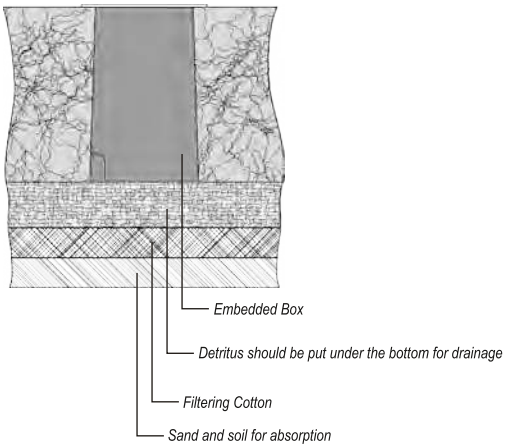
EN 60598 IK09 IP67 CE

LED high-performance inground with wide & narrow beam light distribution.

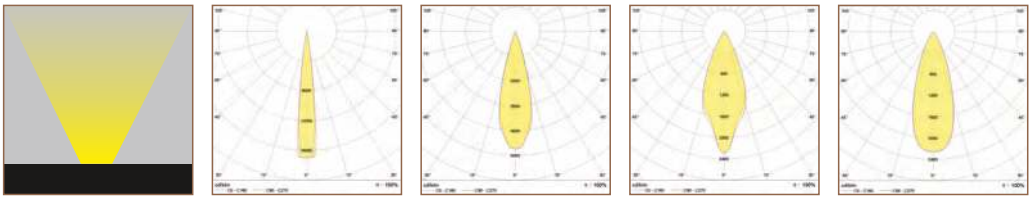
- Inground made of aluminium alloy
- Aluminium and stainless steel
- Clear 6mm safety glass
- Silicon base seal gasket
- Mounting bracket made of plastic
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP67
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Weight: 2,50 kg
- Complies with European standards
- EN 60598 and CE certificate







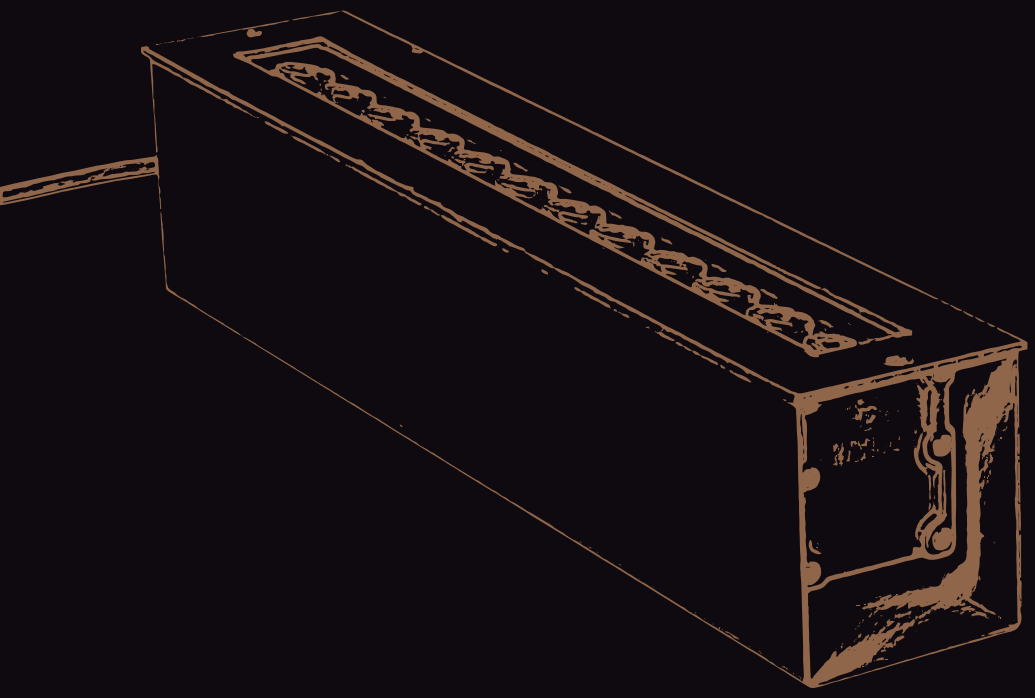




COSMO

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
15-03-18-XX-X	18W	25W	2.484lm - 2.610lm	1.982lm - 2.088lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



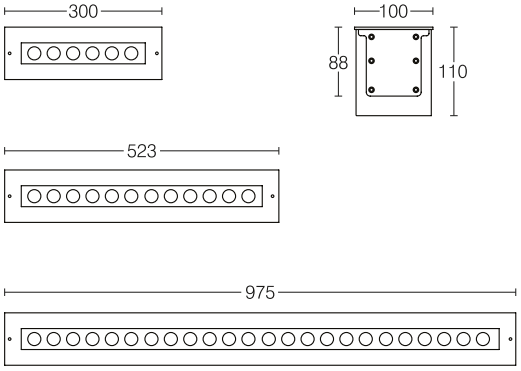
LIBRA

EN 60598 IK09 IP67 CE

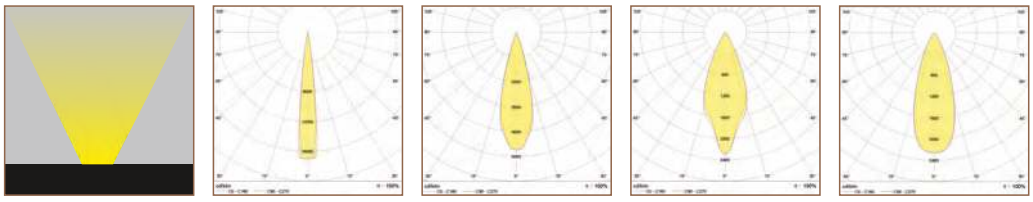
LED high-performance inground with wide & narrow beam light distribution

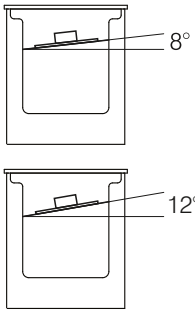
- Inground made of aluminium alloy
- Aluminium and stainless steel
- Clear 8mm safety glass
- Silicon base seal gasket
- Mounting bracket made of steel
- Electrostatic powder coating
- Lens angle 8°-25°-45°-60°
- Colour standard 7040, optional RAL codes
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- DMX 512 (Optional)
- Safety Class I
- Protection Class IP67
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Weight: 6W: 2,95kg / 12W: 5,40kg / 24W: 9,5kg
- Complies with European standards
- EN 60598 and CE certificate











The LEDs can be adjusted with 8° and 12° inclination in the luminaire.

LIBRA

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
15-04-30-6-XX-X	6W	12W	840lm - 870lm	660lm - 690lm	3.000K - 4.000K
15-04-50-12-XX-X	12W	20W	1.680lm - 1.740lm	1.320lm - 1.380lm	3.000K - 4.000K
15-04-100-24-XX-X	24W	35W	3.360lm - 3.480lm	2.640lm - 2.670lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



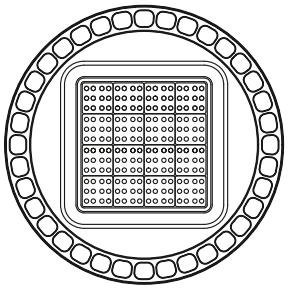
CIRCLE HIGHBAY

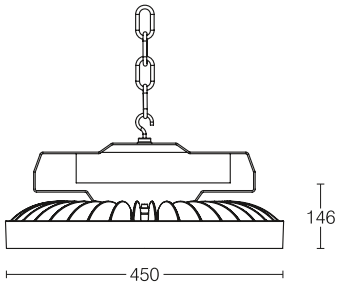
EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Mounting bracket made of steel
- Electrostatic powder coating
- Lens angle 40°-60°-90°
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,12m2
- Weight: 9kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

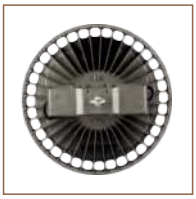








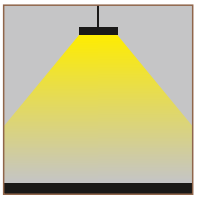


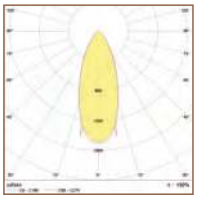


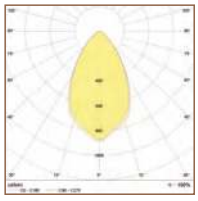
OPTIONAL ACCESORIES

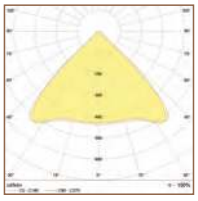
ANTI GLARE DIFFUSERS

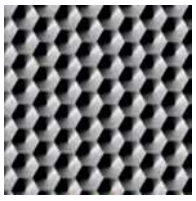
Viewing Angle
0° - 45° - 65°











CIRCLE HIGHBAY

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-001-90-176-XX-X	90W	100W	13.800lm - 14.000lm	9.900lm - 9.720lm	3.000K - 4.000K
80-001-140-180-XX-X	140W	150W	20.700lm - 21.000lm	15.120lm - 15.400lm	3.000K - 4.000K
80-001-175-192-XX-X	175W	185W	25.530lm - 25.900lm	18.900lm - 19.250lm	3.000K - 4.000K
80-001-190-180-XX-X	190W	200W	27.600lm - 28.000lm	20.520lm - 20.900lm	3.000K - 4.000K
80-001-230-192-XX-X	230W	240W	33.120lm - 33.600lm	24.840lm - 25.300lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



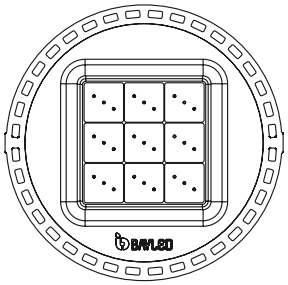
CIRCLE HIGHBAY MEDIUM

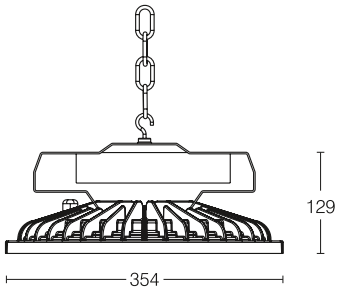
EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Mounting bracket made of steel with
- Electrostatic powder coating
- Lens angle 40°-60°-90°
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m2
- Weight: 5 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate







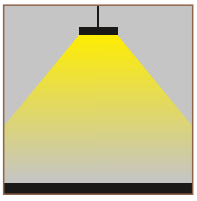


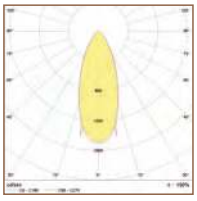


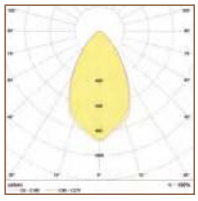
OPTIONAL ACCESORIES

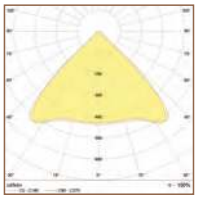
ANTI GLARE DIFFUSERS

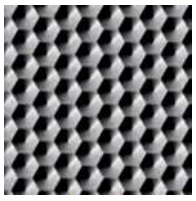
Viewing Angle
0° - 45° - 65°











CIRCLE HIGHBAY MEDIUM

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-002-45-80-XX-X	45W	60W	6.400lm - 6.525lm	4.950lm - 5.175lm	3.000K - 4.000K
80-002-60-108-XX-X	60W	75W	8.400lm - 8.700lm	6.600lm - 6.900lm	3.000K - 4.000K
80-002-90-80-XX-X	90W	100W	15.120lm - 15.560lm	9.900lm - 10.350lm	3.000K - 4.000K
80-002-120-108-XX-X	120W	150W	22.680lm - 23.340lm	13.200lm - 13.800lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



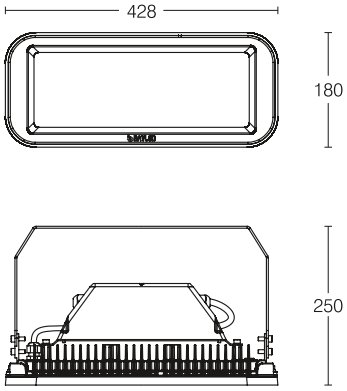
TETRA HIGH BAY HBL-1

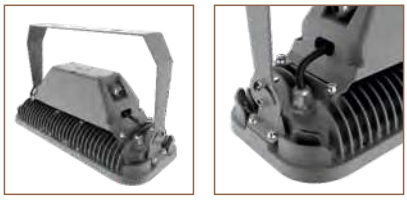
EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m²
- Weight: 6,3 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

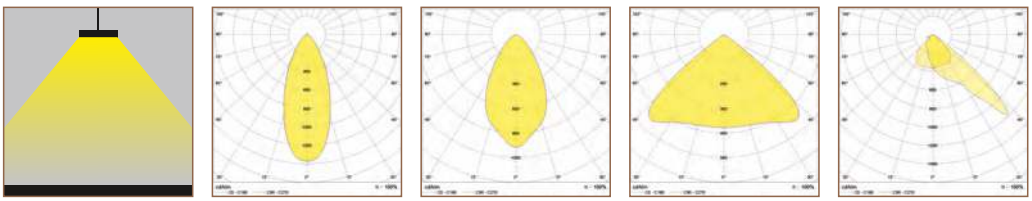


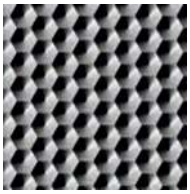




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS



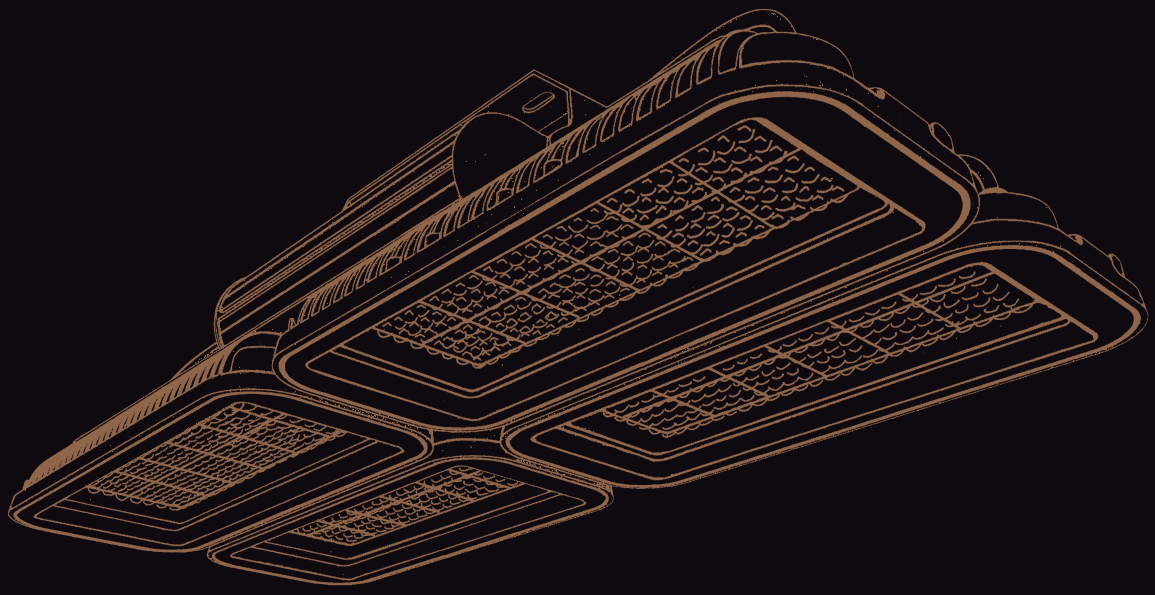


TETRA PRL-1

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-03-50-128-XX-X	50W	60W	8.240lm - 9.920lm	6.100lm - 6.670lm	3.000K - 4.000K
80-03-90-128-XX-X	90W	100W	13.800lm - 14.000lm	10.350lm - 10.710lm	3.000K - 4.000K
80-03-120-128-XX-X	120W	150W	17.940lm - 18.200lm	13.800lm - 14.280lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



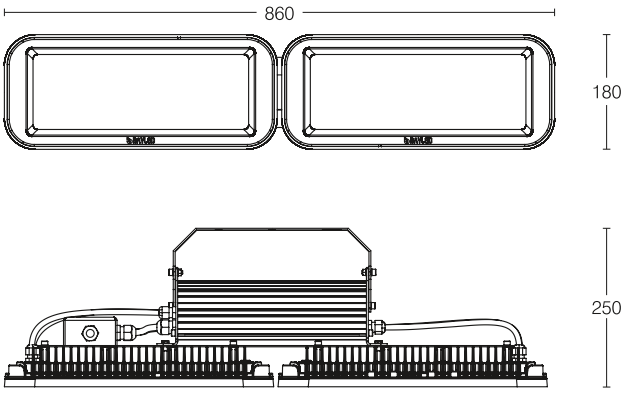
TETRA HIGH BAY HBL-2

EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,16m²
- Weight: 14,2 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate



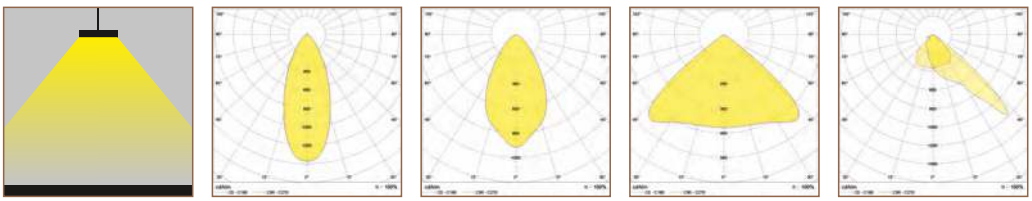


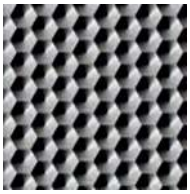




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA HBL-2

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-04-190-256-XX-X	190W	200W	27.600lm - 28.000lm	20.700lm - 21.420lm	3.000K - 4.000K
80-04-230-256-XX-X	230W	240W	35.880lm - 36.400lm	27.600lm - 28.560lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

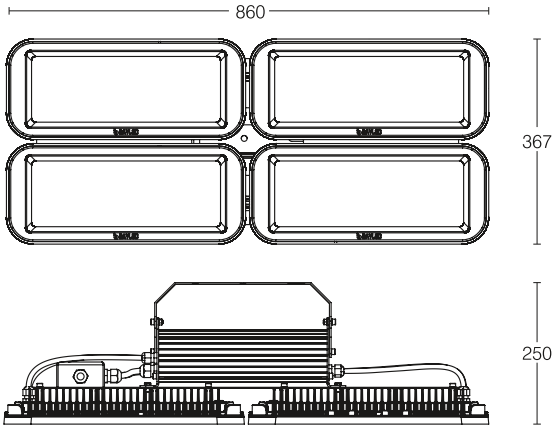
TETRA HIGH BAY HBL-22

EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,22m²
- Weight: 28,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate



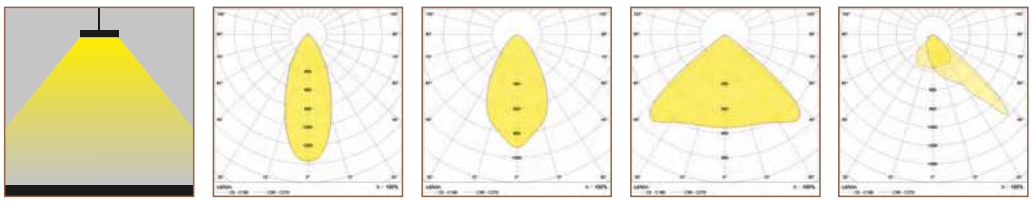


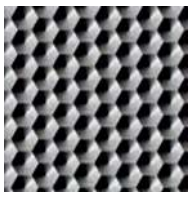




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA HBL-22

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-05-360-512-XX-X	360W	380W	55.200lm - 56.000lm	41.400lm - 42.840lm	3.000K - 4.000K
80-05-460-512-XX-X	460W	480W	71.760lm - 72.800lm	55.200lm - 57.120lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



BAYLED®



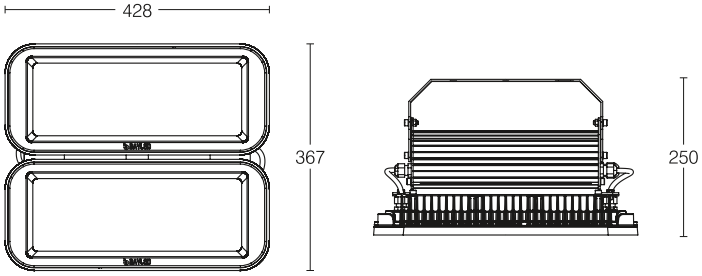
TETRA HIGH BAY HBV-2

EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,16m²
- Weight: 14,2 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

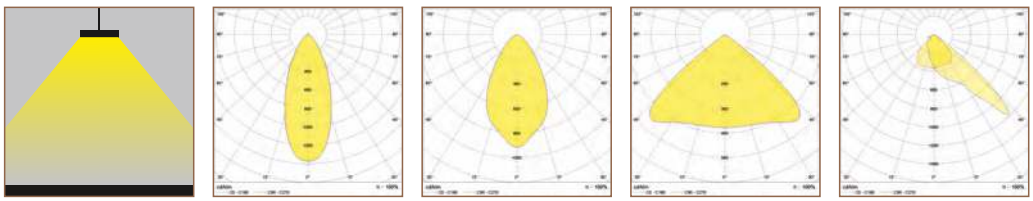


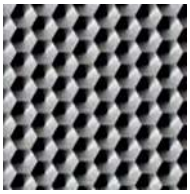




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA HBV-2

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-06-190-256-XX-X	190W	200W	27.600lm - 28.000lm	20.700lm - 21.420lm	3.000K - 4.000K
80-06-230-256-XX-X	230W	240W	35.880lm - 36.400lm	27.600lm - 28.560lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

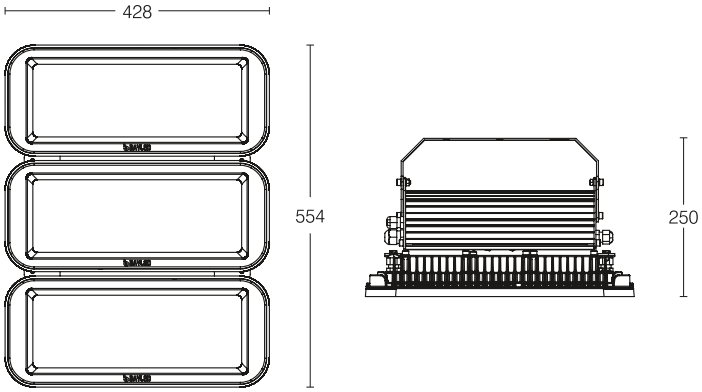
TETRA HIGH BAY HBV-3

EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,22m²
- Weight: 21,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

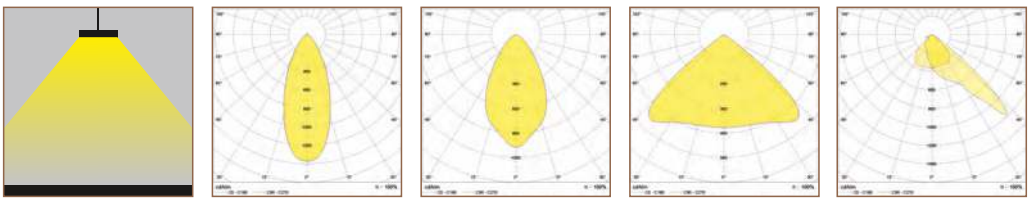


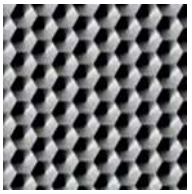




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS





TETRA HBV-3

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-07-270-384-XX-X	270W	300W	41.400lm - 42.000lm	31.050lm - 32.130lm	3.000K - 4.000K
80-07-360-384-XX-X	360W	380W	53.820lm - 54.600lm	41.400lm - 42.840lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.

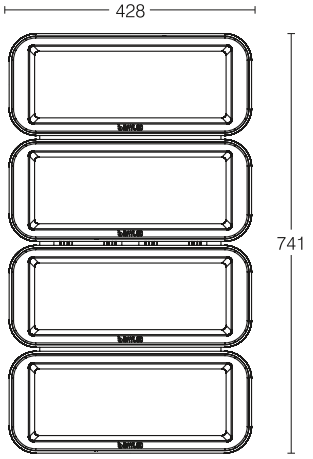
TETRA HIGH BAY HBV-4

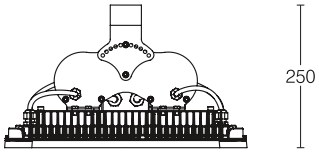
EN 60598 IK09 IP66 CE

LED high-performance High-Bays with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 30°x50°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,22m²
- Weight: 28,4 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate





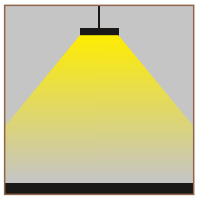


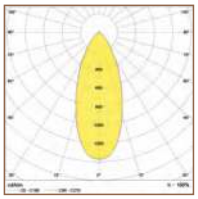


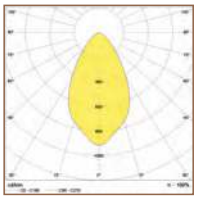


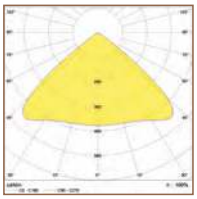
OPTIONAL ACCESORIES

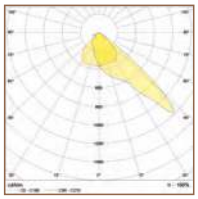
ANTI GLARE DIFFUSERS

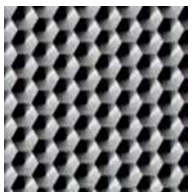












TETRA HBV-4

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
80-08-360-512-XX-X	360W	380W	55.200lm - 56.000lm	41.400lm - 42.840lm	3.000K - 4.000K
80-08-460-512-XX-X	460W	480W	71.760lm - 72.800lm	55.200lm - 57.120lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



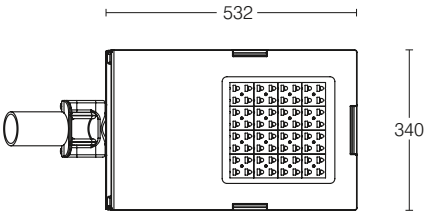
B-LIGHT

LED high-performance street lights with wide beam light distribution

EN 60598 IK08 IP66 CE



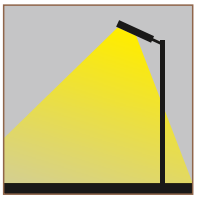
- Street lights made of aluminium alloy
- Aluminium and stainless steel
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range with bracket 0°- 80°
- Mounting bracket made of steel&aluminium
- Electrostatic powder coating
- Lens angle asimetric
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- Standard 6kV surge protection
- 10kV surge protection (optional)
- DALI controllable (optional)
- 0-10V / 1-10V controllable (optional)
- Safety Class I
- Protection class IP66
- Impact strenght IK08
- Operation temperature -25°C / +55°C
- Wind catching area: 0,32m2
- Weight: 11,34 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

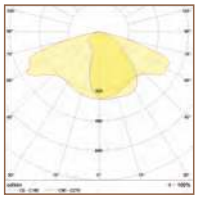


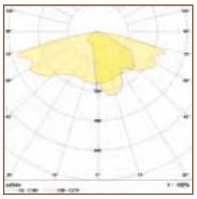
















OPTIONAL ACCESORIES

MONTAGE BRACKET

20°/ 40°/ 60°/ 80°



B-LIGHT MIDPOWER

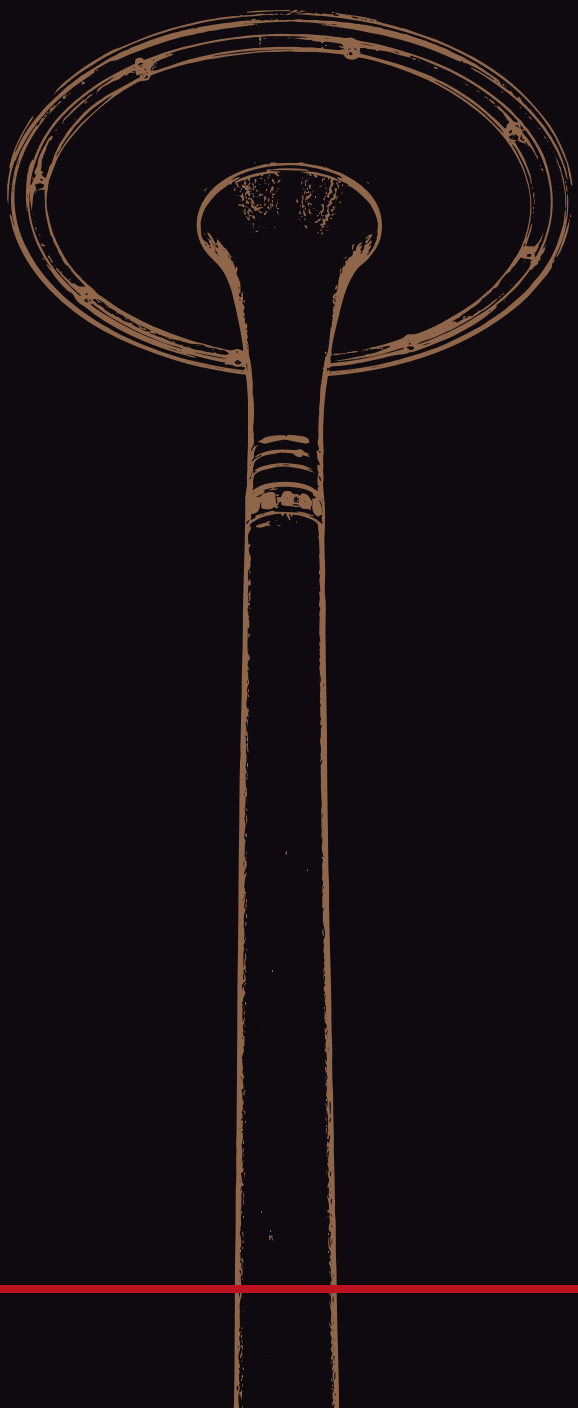
CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
65-01-70-128-0-X	70W	75W	10.350lm - 10.500lm	8.050lm - 8.330lm	3.000K - 4.000K
65-01-90-128-0-X	90W	100W	13.800lm - 14.000lm	10.350lm - 10.710lm	3.000K - 4.000K
65-01-120-128-0-X	120W	130W	17.940lm - 18.200lm	13.800lm - 14.280lm	3.000K - 4.000K
65-01-140-128-0-X	140W	150W	20.700lm - 21.000lm	16.100lm - 16.660lm	3.000K - 4.000K

B-LIGHT POWER

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
65-01-90-64-0-X	90W	100W	13.800lm - 14.000lm	10.350lm - 10.710lm	3.000K - 4.000K
65-01-120-64-0-X	120W	130W	17.940lm - 18.200lm	13.800lm - 15.470lm	3.000K - 4.000K
65-01-140-64-0-X	140W	150W	20.700lm - 21.000lm	16.100lm - 16.660lm	3.000K - 4.000K
65-01-175-64-0-X	175W	185W	25.530lm - 25.900lm	20.125lm - 20.825lm	3.000K - 4.000K
65-01-190-64-0-X	190W	200W	27.600lm - 28.000lm	20.900lm - 21.850lm	3.000K - 4.000K

X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



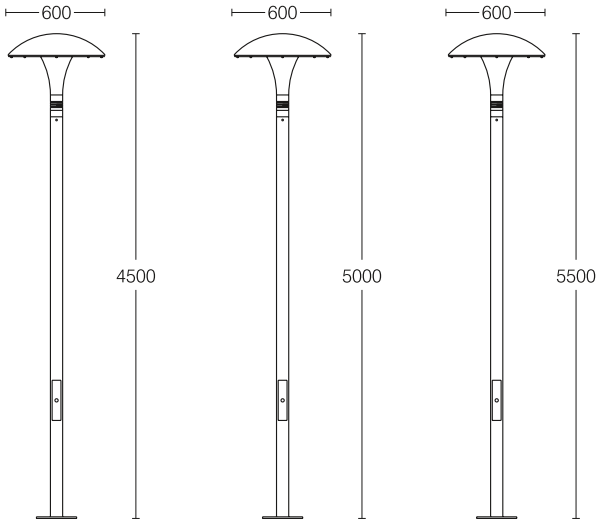
STAR 60

LED high-performance urban lights with wide beam light distribution.

EN 60598 IP65 CE



- Urban lights made of aluminium aloy
- Aluminium and stainless steel
- Clear 5mm policarbon glass
- Silicon rubber gasket
- Mounting bracket made of steel with
- Electrostatic powder coating
- Colour standard MT-X6-23, optional RAL codes
- Input 100 –305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP65
- Operation temperature -25°C / +55°C
- Wind catching area: 0,18m2
- Weight: 7,3 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

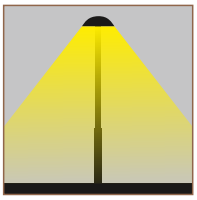


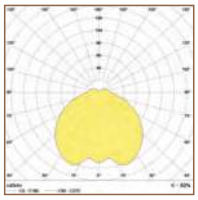


OPTIONAL ACCESORIES

DECORATIVE LIGHT RING





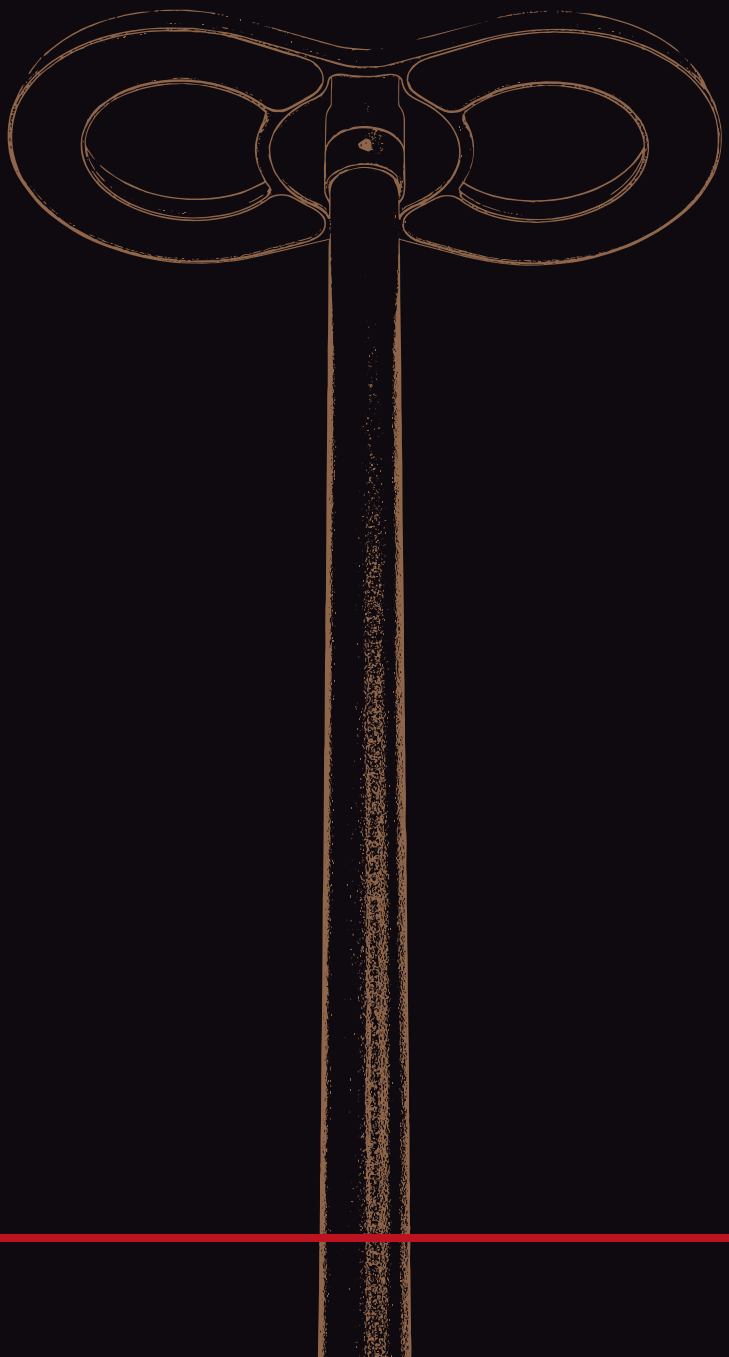


STAR 60

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
60-48-50-120-001-X	50W	60W	8.200lm - 8.400lm	5.760lm - 6.000lm	3.000K - 4.000K
60-48-80-180-003-X	80W	100W	11.700lm - 12.600lm	8.640lm - 9.000lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.

BAYLED®



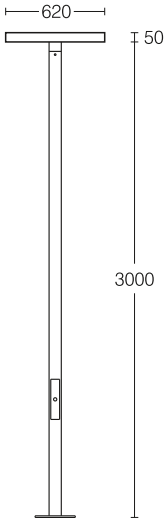
AMON

LED high-performance urban lights with wide beam light distribution.

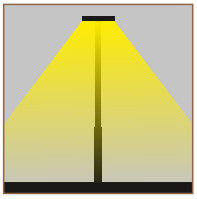
EN 60598 IP65 CE

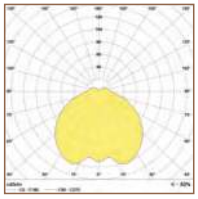


- Urban lights made of aluminium aloy
- Aluminium and stainless steel
- Opak 5mm policarbon glass
- Silicon rubber gasket
- Mounting bracket made of steel with
- Electrostatic powder coating
- Colour standard MT-X6-23, optional RAL codes
- LED power supply unit
- Input 110 –240V AC 50 / 60 Hz
- Power factor > 90% full load
- 6kV surge protection (Optional)
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP65
- Operation temperature -25°C / +55°C
- Wind catching area: 0,09m2
- Weight: 4kg
- Complies with European standards
- EN 60598 and CE certificate





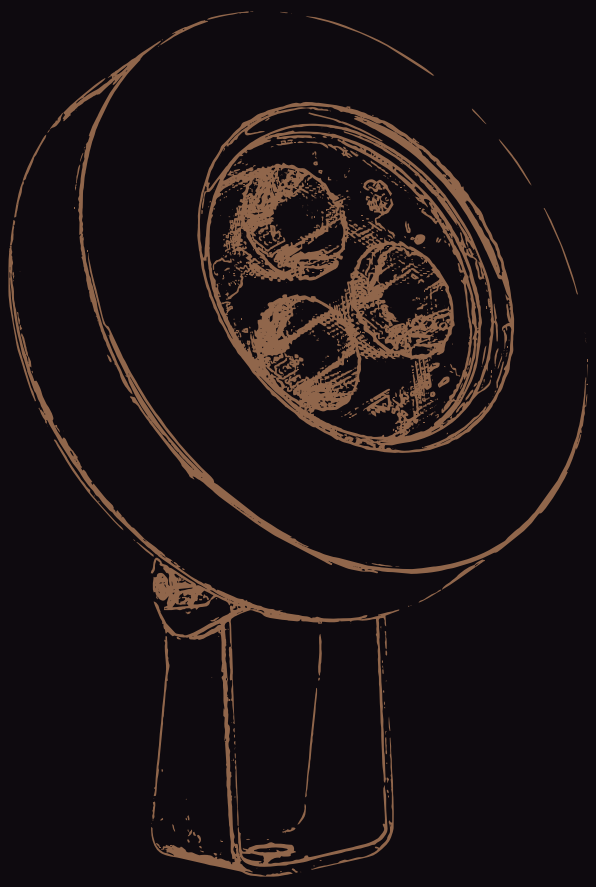




AMON

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
STR.50	50W	60W	8.200lm - 8.400lm	5.760lm - 6.000lm	3.000K - 4.000K

Standard colour temperature 4000K, also available with 3000K - 6500K on request.
Standard pole height 3 meter + head
Optional pole lenght : 3,5 / 4 meter + head



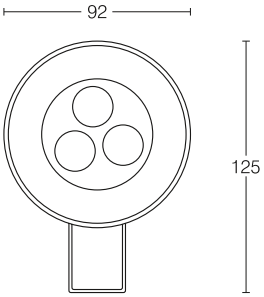
ORCA 3

LED high-performance under water with wide & narrow beam light distribution.

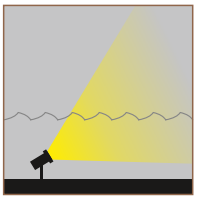
EN 60598 IP68 CE

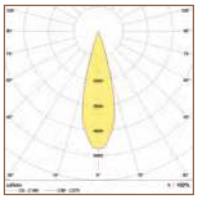


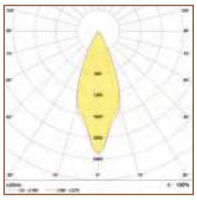
- Under water made of stainless steel
- Clear 3mm policarbon glass
- Silicon base seal gasket
- Mounting bracket made of stainless steel
- Lens angle 15°-45° (3 in 1 full lens)
- Front cover colour standard (Crom)
- Input 12 –24V DC
- Power factor > 93% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP68
- Max depth 70cm
- Operation temperature -25°C / +55°C
- Weight: 0,27 kg
- Complies with European standards
- EN 60598 and CE certificate











ORCA 3

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
30-01-24-3-XX-X	3W	3W	420lm - 435lm	324lm - 330lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.



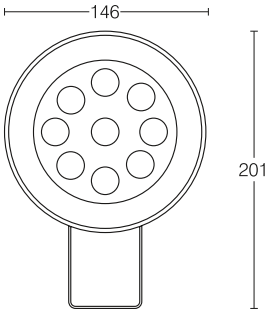
ORCA 9

EN 60598 IP68 CE

LED high-performance under water with wide & narrow beam light distribution.

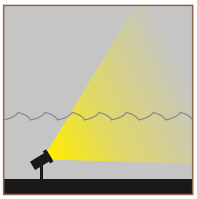
- Under water made of stainless steel
- Clear 3mm policarbon glass
- Silicon base seal gasket
- Mounting bracket made of stainless steel
- Lens angle 30°-50° (9 in 1 full lens)
- Front cover colour standard (Crom)
- Input 30 – 36V DC
- Power factor > 93% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP68
- Max depth 70cm
- Operation temperature -25°C / +55°C
- Weight: 0,57 kg
- Complies with European standards
- EN 60598 and CE certificate

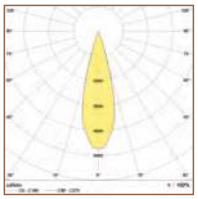


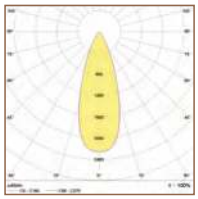












ORCA 9

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
30-02-24-9-XX-X	9W	12W	1.260lm - 1.305lm	9.72lm - 990lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.

BAYLED®



ORCA 18 - ORCA PAR56

EN 60598 IP68 CE

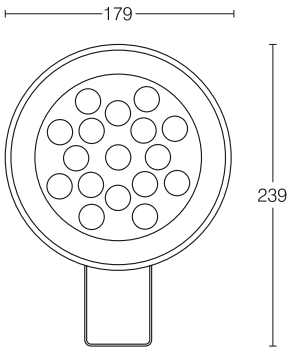
LED high-performance under water with wide & narrow beam light distribution.

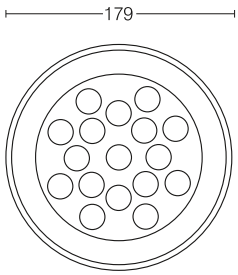
- Under water made of stainless steel
- Clear 3mm policarbon glass
- Silicon base seal gasket
- Mounting bracket made of stainless steel
- Lens angle 8°- 25°- 45°- 60°
- Front cover colour standard (Crom)
- Input 24 – 30V DC
- Power factor > 93% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP68
- Max depth 70cm
- Operation temperature -25°C / +55°C
- Weight: 0,78 kg
- Complies with European standards
- EN 60598 and CE certificate



PAR 56



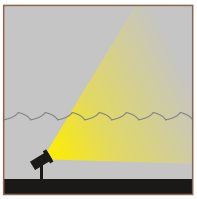


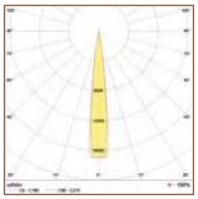


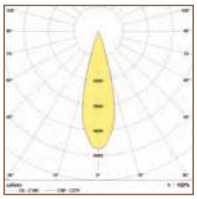
PAR 56

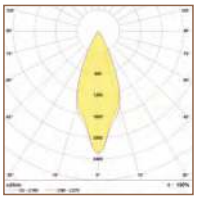


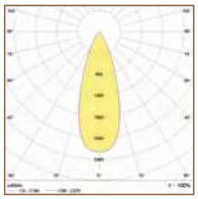










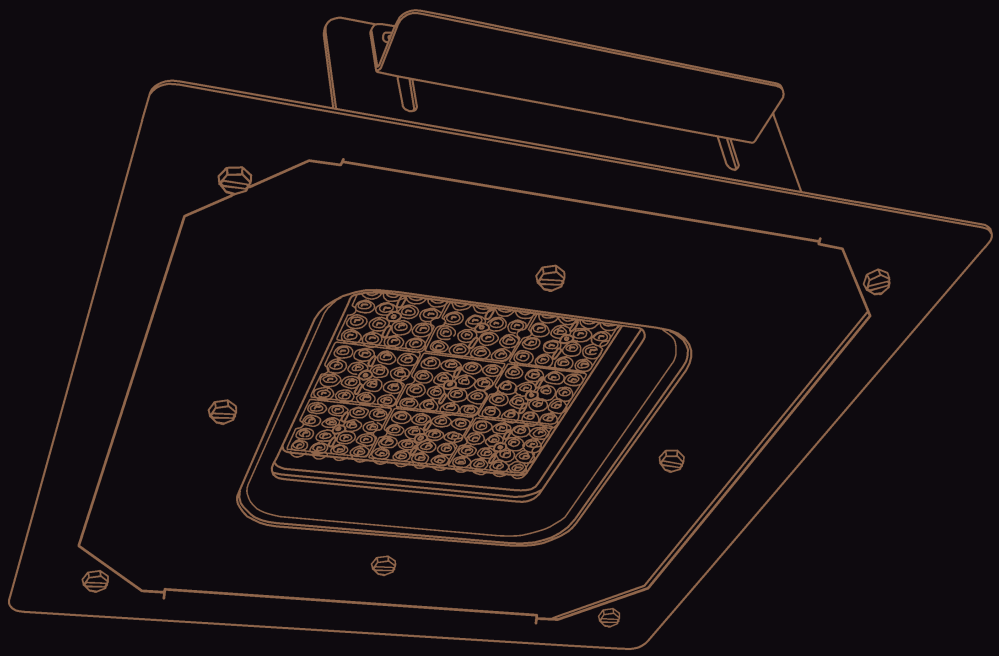


ORCA 18 - ORCA PAR56

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
30-03-24-18-XX-X	18W	20W	2.520lm - 2.610lm	1.944lm - 1.980lm	3.000K - 4.000K
30-03-24-18-PAR56-XX-X	18W	20W	2.520lm - 2.610lm	1.944lm - 1.980lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color
Standard colour temperature 4000K, also available with 3000K - 6500K on request.

BAYLED®



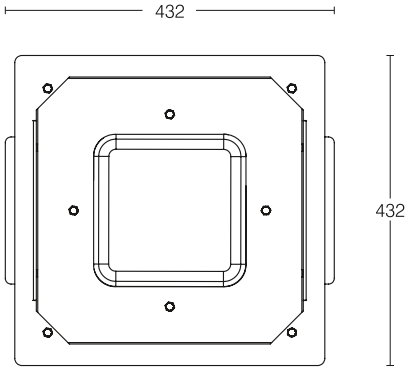
GAS STATION CANOPY

EN 60598 IK09 IP66 CE

LED high-performance Canopy with wide & narrow beam light distribution.

- High-Bays made of aluminium alloy
- Aluminium and stainless steel fittings
- Clear 5mm safety glass
- Silicon rubber gasket
- Swivel range 180°
- Mounting bracket made of steel
- Electrostatic powder coating.
- Lens angle 40°- 60°- 90° - 120°
- Colour standard MT-X6-23
- Optional RAL codes.
- Input 100 - 305V AC 50 / 60 Hz
- Power factor > 90% full load
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- Safety Class I
- Protection Class IP66
- Impact strenght IK09
- Operation temperature -25°C / +55°C
- Wind catching area: 0,08m²
- Weight: 6,5 kg
- EULUMDAT files available
- Complies with European standards
- EN 60598 and CE certificate

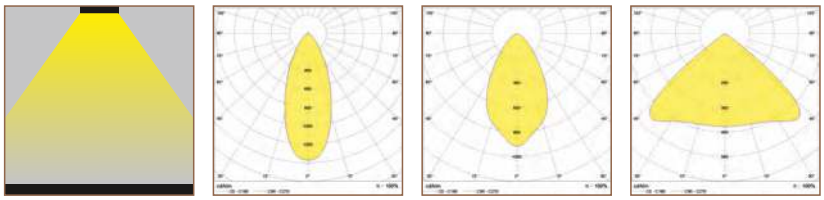


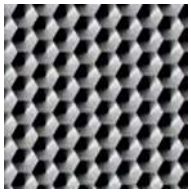




OPTIONAL ACCESORIES

ANTI GLARE DIFFUSERS



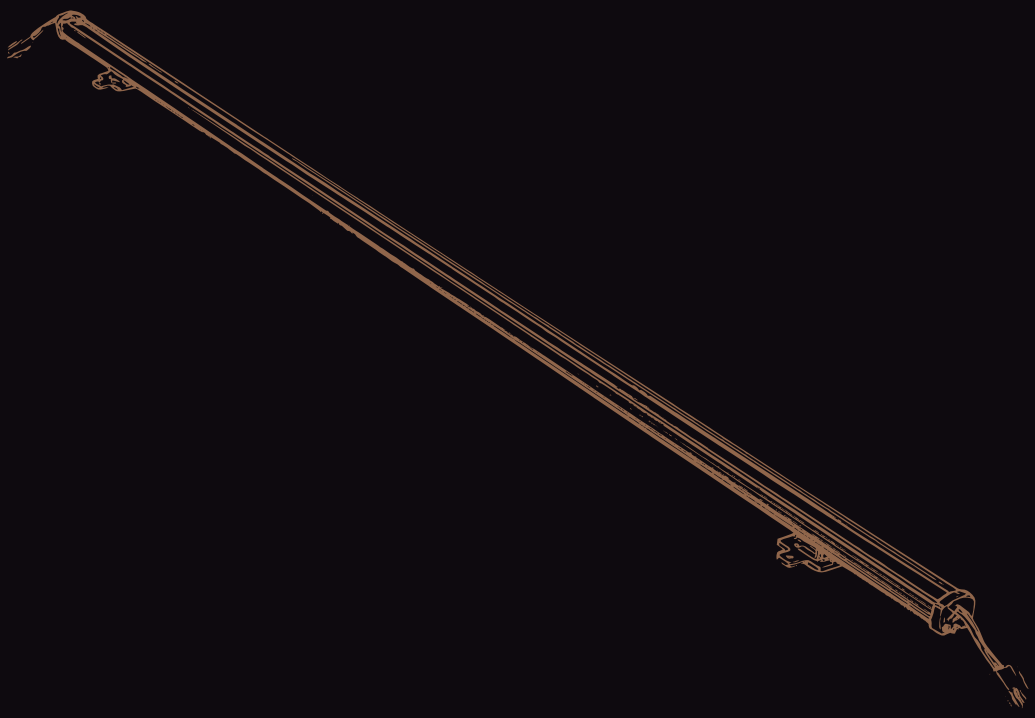


GAS STATION CANOPY

CODE	MODULE POWER	LUMINAIRE POWER	MODULE LUMINOUS FLUX	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
81-01-45-80-XX-X	45W	60W	6.400lm - 6.525lm	4.950lm - 5.175lm	3.000K - 4.000K
81-01-60-108-XX-X	60W	75W	8.400lm - 8.700lm	6.600lm - 6.900lm	3.000K - 4.000K
81-01-90-80-XX-X	90W	100W	15.120lm - 15.560lm	9.900lm - 10.350lm	3.000K - 4.000K
81-01-120-108-XX-X	120W	150W	22.680lm - 23.340lm	13.200lm - 13.800lm	3.000K - 4.000K

XX : Lens Angle, X : Led Color

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



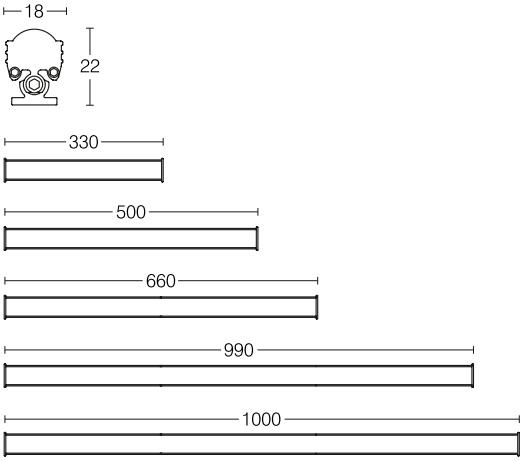
LED BAR 1

EN 60598 **IP20/IP65** CE

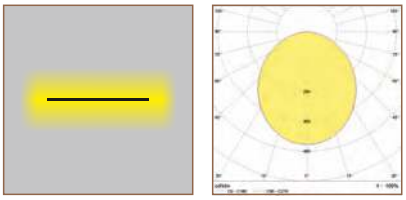
LED high-performance linear lights with wide beam light distribution.

- Linear lights made of aluminium aloy
- Aluminium and stainless steel
- Clear - Opal policarbon diffuser (Optional)
- Colour standard mat anodizing
- Input 24V DC (12V Optional)
- Power factor > 93% full load
- Diffuser angle 120°
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- RGB PWM signal with RC (Optional)
- DMX 512 (Optional)
- Safety Class II
- Protection Class IP20 / IP65
- Operation temperature -25°C / +55°C
- Complies with European standards
- EN 60598 and CE certificate









OPTIONAL ACCESORIES

IP20 SOCKET



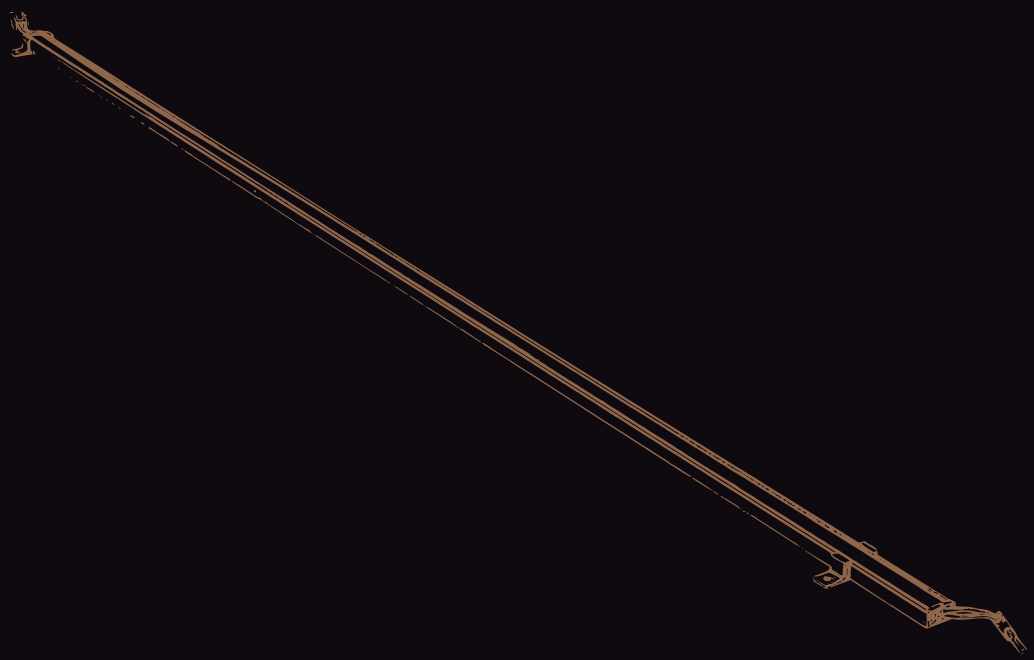
IP68 SOCKET



LED BAR 1

CODE	LUMINAIRE POWER	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
6	6W/m	720Lm/m	3.000K - 4.000K
10	10W/m	1.440Lm/m	3.000K - 4.000K
14	14W/m	1.620Lm/m	3.000K - 4.000K

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



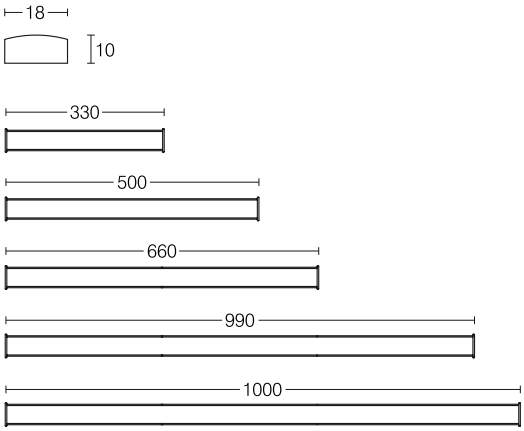
LED BAR 2

EN 60598 IP20/IP65 CE

LED high-performance linear lights with wide beam light distribution.

- Linear lights made of aluminium aloy
- Aluminium and stainless steel
- Clear - Opal policarbon diffuser (Optional)
- Colour standard mat anodizing
- Input 24V DC (12V Optional)
- Power factor > 93% full load
- Diffuser angle 120°
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- RGB PWM signal with RC (Optional)
- DMX 512 (Optional)
- Safety Class II
- Protection Class IP20 / IP65
- Operation temperature -25°C / +55°C
- Complies with European standards
- EN 60598 and CE certificate







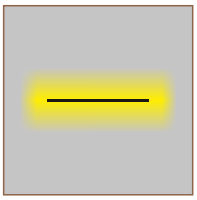
OPTIONAL ACCESORIES

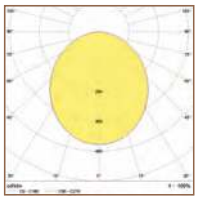
IP20 SOCKET



IP68 SOCKET



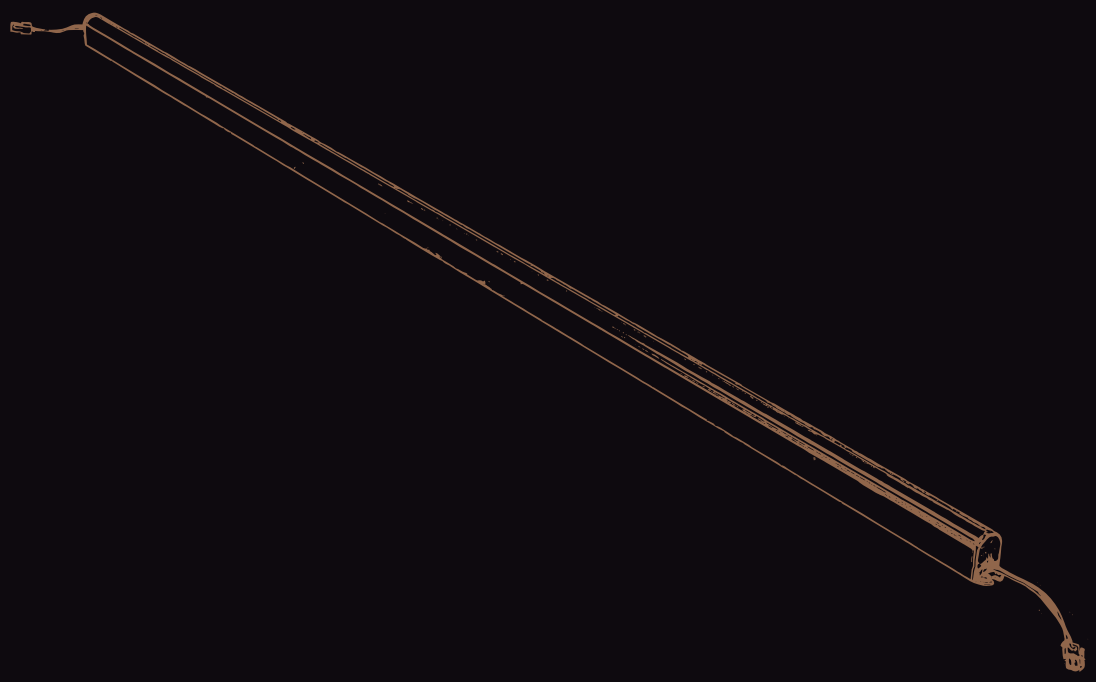




LED BAR 2

CODE	LUMINAIRE POWER	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
6	6W/m	720Lm/m	3.000K - 4.000K
10	10W/m	1.440Lm/m	3.000K - 4.000K

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



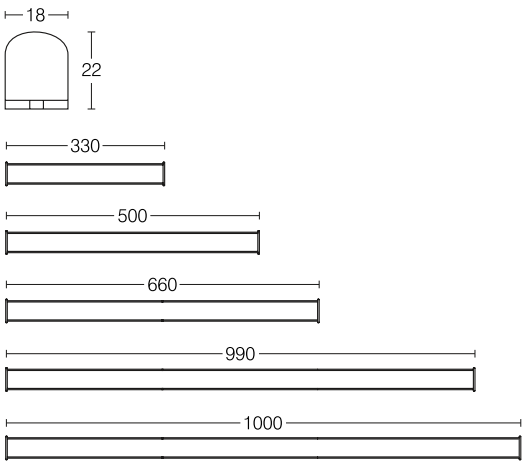
LED BAR 3

EN 60598 **IP20/IP65** CE

LED high-performance linear lights with wide beam light distribution.

- Linear lights made of aluminium aloy
- Aluminium and stainless steel
- Clear - Opal policarbon diffuser (Optional)
- Colour standard mat anodizing
- Input 24V DC (12V Optional)
- Power factor > 93% full load
- Diffuser angle 120°
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- RGB PWM signal with RC (Optional)
- DMX 512 (Optional)
- Safety Class II
- Protection Class IP20 / IP65
- Operation temperature -25°C / +55°C
- Complies with European standards
- EN 60598 and CE certificaterds
- EN 60598 and CE certificate







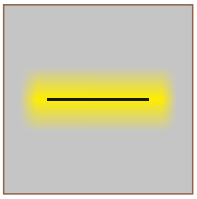
OPTIONAL ACCESORIES

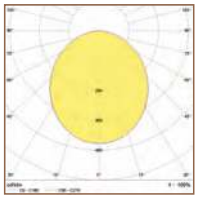
IP20 SOCKET



IP68 SOCKET



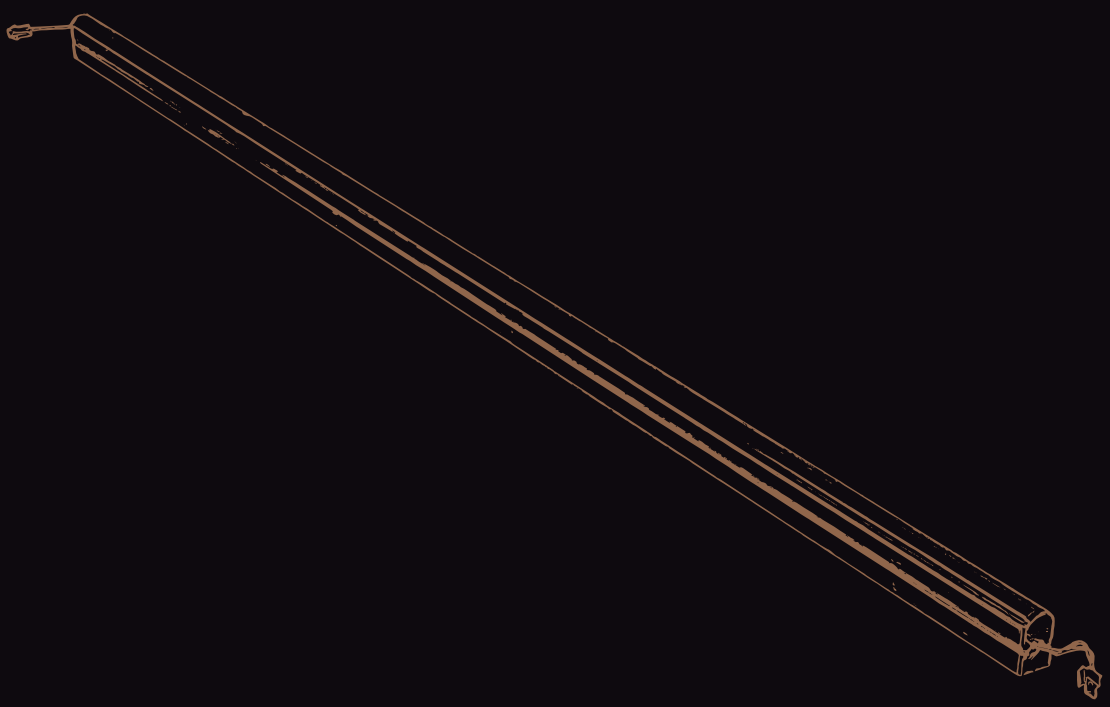




LED BAR 3

CODE	LUMINAIRE POWER	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
6	6W/m	720Lm/m	3.000K - 4.000K
10	10W/m	1.440Lm/m	3.000K - 4.000K
14	14W/m	1.620Lm/m	3.000K - 4.000K

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



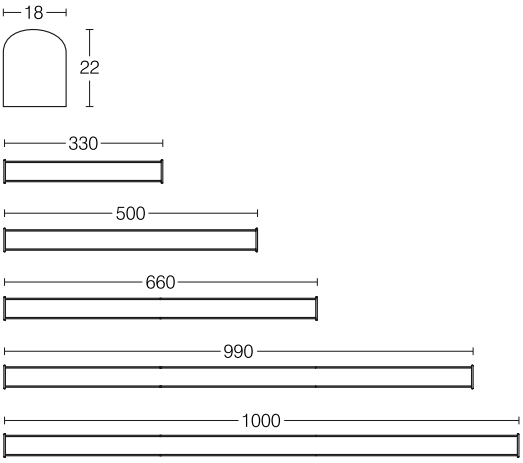
LED BAR 4

EN 60598 **IP20/IP65** CE

LED high-performance linear lights with wide beam light distribution.

- Linear lights made of aluminium aloy
- Aluminium and stainless steel
- Clear - Opal policarbon diffuser (Optional)
- Colour standard mat anodizing
- Input 24V DC (12V Optional)
- Power factor > 93% full load
- Diffuser angle 120°
- Mono colour (Standard)
- DALI controllable (Optional)
- 0-10V / 1-10V controllable (Optional)
- RGB PWM signal with RC (Optional)
- DMX 512 (Optional)
- Safety Class II
- Protection Class IP20 / IP65
- Operation temperature -25°C / +55°C
- Complies with European standards
- EN 60598 and CE certificaterds







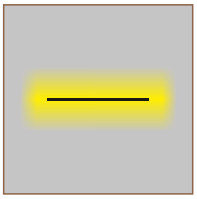
OPTIONAL ACCESORIES

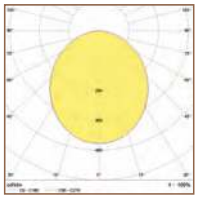
IP20 SOCKET



IP68 SOCKET







LED BAR 4

CODE	LUMINAIRE POWER	LUMINAIRE LUMINOUS FLUX	COLOUR TEPMERATURE
6	6W/m	720Lm/m	3.000K - 4.000K
10	10W/m	1.440Lm/m	3.000K - 4.000K
14	14W/m	1.620Lm/m	3.000K - 4.000K

Standard colour temperature 4000K, also available with 3000K - 6500K on request.



ERL SERIES

Surface Mounted LED Spot

ERL Series designed with 1 set of "Power LED" for "Escape Route Lighting" and "Oper Area Lighting" applications.

ERL Series, comes with Non-Maintained operating mode, 1 or 3 hours backup with Eco, Self-Test & DALI versions.

Two differerent shapes; ERLS (round) and ERLP (square)

ERL Series, part of a comprehensive range of emergency lighting units from EEC Electronics, is manufactured to the highest quality standards under the EN ISO 9001:2000 international quality system.

General Specifications

- Low cost with high quality
- Eco, Self-Test & DALI models
- Cree Power LED (min. 140 Lumen)
- Certified High-Temp Ni-Cd & Ni-MH batteries
- 1 or 3 hours emergency duration
- Non-maintained operating mode
- Very long spacing distances
- Wide range for different applications
- Manufactured to comply with EN60598-2-22

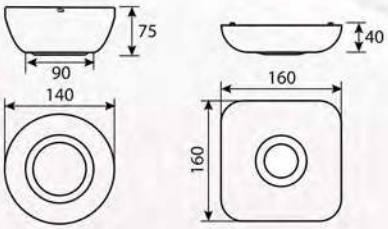
Technical Specifications

System Mode	: Non-Maintained
Input Voltage	: 230V AC, 50/60Hz
Light Source	: 1xPower LED (min 6500K Cool White, min. 140 Lumen)
Charging Unit	: Current controlled charger
Charging Duration	: 24 hours
Charging Indicator	: Green LED
Battery	: High-Temp Ni-Cd & Ni-MH batteries,
Insulaton Class	: Class II
Protecton Class	: IP20
Temperature / Humidity	: 0 - 40 °C / 0 - 95% RH
Enclosure / Color	: Termoplastic housing / White

Ordering Details

Products Code	Duration	Mounting Details	Housing
ERLS-1H	1 hour	Eco	Round
ERLS-3H	3 hours		
ERLS-1H-ST	1 hour	Self-Test	
ERLS-3H-ST	3 hours		
ERLS-3H-DALI		DALI	
ERLP-1H	1 hour	Eco	Square
ERLP-3H	3 hours		
ERLP-1H-ST	1 hour	Self-Test	
ERLP-3H-ST	3 hours		
ERLP-3H-DALI		DALI	

Dimensions





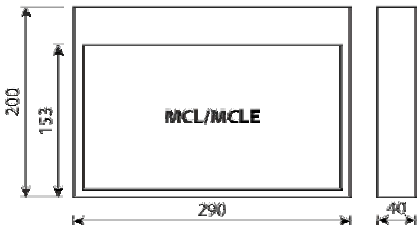
General Specifications

- Fire retardant ABS enclosure
- Wall or Ceiling Surface Mounted; Single or Double Sided
- Designed for indoor use
- LED light source
- Standalone Self-Test option on MCL Series
- Manufactured to comply with EN60598-2-22

Technical Specifications

System Mode	: Maintained; Centrally Powered
Input Voltage	: - 230V; 50/60Hz (self contained) - 24V or 230V AC/DC (centraly powered)
Light Source	: 7xLED (60 lm)
Charging Indicator	: Green LED
Battery	: High temperature Ni-MH (MCL Series), High temperature Ni-Cd (MCLE Series), polarised cable connector
Insulation Class	: Class II
Emergency Duration	: 3 hours
Protection Class	: IP30
Temperature	: 0 – 40°C
Enclosure / Color	: Fire retardant ABS / Cream White
Viewing Distance	: 30m
Weight	: 0.780kg (max)
Packing Carton	: (300x210x50)mm

Dimensions



Ordering Details

Product Code	Model	Mounting Detail	Light Source	Operating Mode	Duration
Single Sided					
MCL1-M3D7	Standard	Direct Mounted	7xLED (60 lm)	M Maintained	3 hours
MCLZNC1-M307		Bracket			
MCLBRK1-M307		Chain/Wire			
MCL1-M3D7-ST	Self-Test	Direct Mounted			
MCLZNC1-M307-ST		Bracket			
MCLBRK1-M307-ST		Chain/Wire			
MCLE1-M307	Eco	Direct Mounted			
MCLEZNC1-M307		Bracket			
MCLEBRK1-M307		Chain/Wire			
MCL1-724	Central	Direct Mounted		24V AC/DC	Centrally Powered
MCLZNC1-724		Bracket			
MCLBRK1-724		Chain/Wire			
MCL1-7230		Direct Mounted		230V AC/DC	
MCLZNC1-7230		Bracket			
MCLBRK1-7230		Chain/Wire (2x25cm)			
Double Sided					
MCL2-M307	Standard	Direct Mounted	7xLED (60 lm)	M Maintained	3 hours
MCLZNC2-M307		Bracket			
MCLBRK2-M307		Chain/Wire			
MCL2-M3D7-ST	Self-Test	Direct Mounted			
MCLZNC2-M307-ST		Bracket			
MCLBRK2-M307-ST		Chain/Wire			
MCLE2-M307	Eco	Direct Mounted			
MCLEZNC2-M307		Bracket			
MCLEBRK2-M307		Chain/Wire			
MCL2-724	Central	Direct Mounted		24V AC/DC	Centrally Powered
MCLZNC2-724		Bracket			
MCLBRK2-724		Chain/Wire			
MCL2-7230		Direct Mounted		230V AC/DC	
MCLZNC2-7230		Bracket			
MCLBRK2-7230		Chain/Wire			



Ultralite UTL SERIES

Surface or Recessed Mounted, Single/Double Sided

General Specifications

- Aluminium (silver anodized) enclosure
- Trammed perspex slab with easy change sign pad
- Single and/or double sided available
- Designed for indoor use
- Long life LED technology (>100.000 hours)
- Recessed, wall bracket or ceiling bracket, suspended
- ENEC Certification by TÜV-Rheinland

Technical Specifications

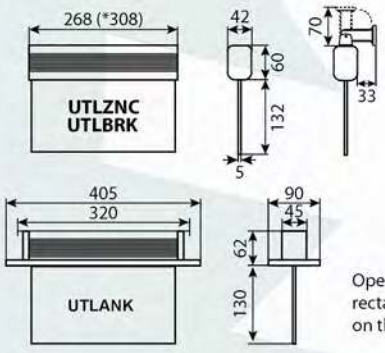
System Mode	: Maintained & Non-Maintained
Input Voltage	: 230V AC, 50/60Hz
Light Source	: 10 x LED (60 Lumen)
Charging Indicator	: Green LED
Battery	: High temperature Ni-Cd battery block
Emergency Duration	: 3 hours
Insulation Class	: Class I
Protection Class	: IP30
Temperature	: 0 – 35°C
Enclosure / Color	: Aluminium / Silver
Side Covers / Color	: Polycarbonate / Gray
Viewing Distance	: 24m



Ordering Details

Product Code	Operating Mode	Mounting Details	Light Source	Duration
UTLZNC-M310	M Maintained	Chain	10 x LED (60 Lumen)	3 hours
UTLBRK-M310		Bracket		
UTLANK-M310		Recessed		
UTLZNC-NM310	NM Non-Maintained	Chain		
UTLBRK-NM310		Bracket		
UTLANK-NM310		Recessed		
ETK-UTL-ISO-L/R	ISO type Left/Right Side Legend			
ETK-UTL-ISO-U	ISO type Up Side Legend			
ETK-UTL-ISO-D	ISO type Down Side Legend			
ETK-UTL-EU-L/R	EU type Left/Right Side Legend			
ETK-UTL-EU-U	EU type Up Side Legend			
ETK-UTL-EU-D	EU type Down Side Legend			
ETK-UTL-EU-WHT	White Pad for Single Side Usage			

Dimensions



Open 343x50mm rectangular hole on the ceilling

Elegance Double ELGD SERIES

Surface Mounted, Single or Double Sided



General Specifications

- Registered design
- Eco, Self-Test, DALI & Centralised versions
- LED technology, 25 years lamp life
- Switchable operating mode (maintained or non-maintained)
- Selectable low/ high lighting level or 1/3H emergency duration
- Designed for indoor (IP50) and outdoor (IP65) use
- High temp Ni-Cd or Ni-MH batteries
- 24m viewing distance
- Single or double sided
- Membrane type test button & indicators (Self-Test & DALI)
- Robust & esthetic polycarbonate housing
- Remote Test, Rest Mode & Inhibit Mode options
- Manufactured to comply with EN60598-2-22 standard

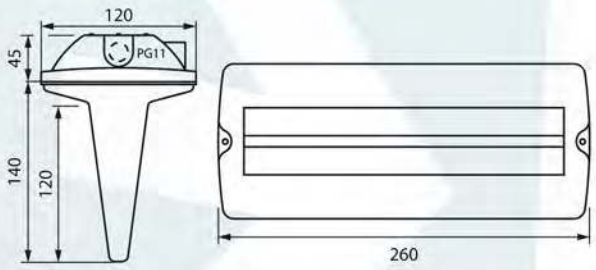
Technical Specifications

Input Voltage	: 230 Volt AC/DC 50-60 Hz 24 Volt AC/DC 50-60 Hz
Mains Current	: max 0.05A
Power	: max 6W
System Mode	: Maintained / Non-maintained selectable (Switchable maintained)
Light Source	: 12 Mid Power LED PCB 2 level light output (selectable on board)
Battery	: 3.6 Volt High temp Ni-Cd or Ni-MH with polarised cable connector set
Duration	: 1 & 3 hours (refer to table)
Charge Indicator	: Green LED
Fault Indicator	: Red LED (Self-Test & DALI models)
Insulation Class	: Class II (no earth wiring required)
Protection Class	: Standard IP50, IP65 with gasket
Temperature	: 0 - 40°C
Terminals	: max 2.5mm² quick fit terminal block, in/out possible
Cable Entry	: From back, top, left or right sides, Ø18 (PG11)
Enclosure	: Polycarbonate housing, white

Ordering Details

Code	Type	Battery	Led Light Output & Duration
ELGD-SM8E	ECO	Ni-Cd	1 hour@185 Lumen or 3 hours@77 Lumen
ELGD-SM17E			1 hour@232 Lumen or 3 hours@145 Lumen
ELGD-SM15-EMH		Ni-MH	1 hour@232 Lumen or 3 hours@145 Lumen
ELGD-SM22-EMH			1 hour@278 Lumen or 3 hours@212 Lumen
ELGD-SM8ST	SELF TEST	Ni-Cd	1 hour@185 Lumen or 3 hours@77 Lumen
ELGD-SM17ST			1 hour@232 Lumen or 3 hours@145 Lumen
ELGD-SM15MH-ST		Ni-MH	1 hour@232 Lumen or 3 hours@145 Lumen
ELGD-SM22MH-ST			1 hour@278 Lumen or 3 hours@212 Lumen
ELGD-SM22-DALI	DALI	Ni-MH	3 hours@160 Lumen
ELGD-24	CENTRAL	24 Volt AC/DC	
ELGD-230		230 Volt AC/DC	
ELGD-IP65	Silicone type IP65 protection gasket		
ELG-RMTS	Remote test option for Self-Test Models		
ELG-REST	Rest mode option for Self-Test Models		
ELG-INHB	Inhibit mode option for Self-Test Models		

Dimensions (mm)





Elegance ELG SERIES

Surface Mounted, Single or Double Sided

General Specifications

- Registered design
- Eco, Self-Test, DALI & Centralised versions
- LED technology, 25 years lamp life
- Switchable operating mode (maintained or non-maintained)
- Selectable low/ high lighting level or 1/3H emergency duration
- Designed for indoor (IP50) and outdoor (IP65) use
- High temp Ni-Cd or Ni-MH batteries
- 26 meter viewing distance
- Single Sided as standard
- Double Sided with installation of "Vertical Perspex Hanger"
- Membrane type test button & indicators (Self-Test & DALI)
- Robust & esthetic polycarbonate housing
- Clear cover as standard, opal cover is possible
- Remote Test, Rest Mode & Inhibit Mode options
- Protection grid & recessed mounting box is available
- Manufactured to comply with EN60598-2-22 standard.

Technical Specifications

Input Voltage	: 230 Volt AC/DC 50-60 Hz 24 Volt AC/DC 50-60 Hz
Mains Current	: max 0.05A
Power	: max 8W
System Mode	: Maintained / Non-maintained selectable (Switchable maintained)
Light Source	: 8 Mid Power LED PCB with wide angle lens 2 level light output (selectable on board)
Battery	: 3.6 Volt High temp Ni-Cd or Ni-MH with polarised cable connector set
Duration	: 1 & 3 hours (refer to table)
Charge Indicator	: Green LED
Fault Indicator	: Red LED (Self-Test & DALI models)
Insulation Class	: Class II (no earth wiring required)
Protection Class	: Standard IP50, IP65 with gasket
Temperature	: 0 - 40°C
Terminals	: max 2.5mm² quick fit terminal block, in/out possible
Cable Entry	: From back, top, left or right sides, Ø18 (PG11)
Enclosure	: Polycarbonate housing, white

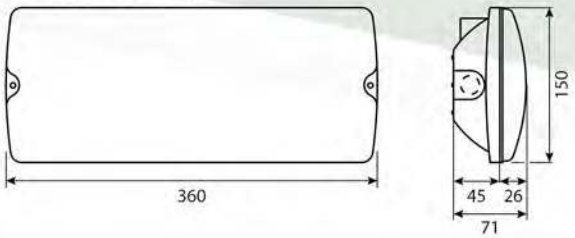




Ordering Details

Code	Type	Battery	Light Output & Duration
ELG-SM8E	ECO	Ni-Cd	1 hour@200 Lumen or 3 hours@80 Lumen
ELG-SM15E			1 hour@330 Lumen or 3 hours@155 Lumen
ELG-SM15E-MH		Ni-MH	1 hour@330 Lumen or 3 hours@155 Lumen
ELG-SM22E-MH			1 hour@330 Lumen or 3 hours@225 Lumen
ELG-SM25E		Ni-Cd	1 hour@330 Lumen or 3 hours@260 Lumen
ELG-SM30E			1 hour@330 Lumen or 3 hours@310 Lumen
ELG-SM8ST	SELF TEST	Ni-Cd	1 hour@200 Lumen or 3 hours@80 Lumen
ELG-SM15ST			1 hour@330 Lumen or 3 hours@155 Lumen
ELG-SM15ST-MH		Ni-MH	1 hour@330 Lumen or 3 hours@155 Lumen
ELG-SM22ST-MH			1 hour@330 Lumen or 3 hours@225 Lumen
ELG-SM25ST		Ni-Cd	1 hour@330 Lumen or 3 hours@260 Lumen
ELG-SM30ST			1 hour@330 Lumen or 3 hours@310 Lumen
ELG-SM22-DALI	DALI	Ni-MH	3 hours@140 Lumen
ELG-24	CENTRAL	24 Volt AC/DC	
ELG-230		230 Volt AC/DC	
ELG-PAD-S	Changeable sign PAD (inside the cover)		
ELG-PAD-W	Changeable white PAD for opal lighting effect (inside the cover)		
ELG-ASK	Vertical perspex hanger set (single or double sided)		
ELG-ASK-SS	Vertical perspex hanger set, stainless steel frame (single or double sided)		
ELG-ANK	Recessed mounting box		
ELG-IP65	Silicone type IP65 protection gasket		
ELG-RMTS	Remote test option for Self-Test Models		
ELG-REST	Rest mode option for Self-Test Models		
ELG-INHB	Inhibit mode option for Self-Test Models		
ELG-PRGRD	Protection grid		

Dimensions (mm)



230V AC/DC · 24V AC/DC · LED · IP50 · IP65 · 23m · Self Test · DALI · RoHS



Elegance Slim ELG SERIES

Surface Mounted, Single or Double Sided

General Specifications

- Registered design
- Eco, Self-Test, DALI & Centralised versions
- LED technology, 25 years lamp life
- Switchable operating mode (maintained or non-maintained)
- Selectable low/ high lighting level or 1/3H emergency duration
- Designed for indoor (IP50) and outdoor (IP65) use
- High temp Ni-Cd or Ni-MH batteries
- 23 meter viewing distance
- Single Sided as standard
- Double Sided with installation of "Vertical Perspex Hanger"
- Membrane type test button & indicators (Self-Test & DALI)
- Robust & esthetic polycarbonate housing
- Clear cover as standard, opal cover is possible
- Remote Test, Rest Mode & Inhibit Mode options
- Protection grid & recessed mounting box is available
- Manufactured to comply with EN60598-2-22 standard.

Technical Specifications

Input Voltage	: 230 Volt AC/DC 50-60 Hz 24 Volt AC/DC 50-60 Hz
Mains Current	: max 0.05A
Power	: max 6W
System Mode	: Maintained / Non-maintained selectable (Switchable maintained)
Light Source	: 12 Mid Power LED PCB 2 level light output (selectable on board)
Battery	: 3.6 Volt High temp Ni-Cd or Ni-MH with polarised cable connector set
Duration	: 1 & 3 hours (refer to table)
Charge Indicator	: Green LED
Fault Indicator	: Red LED (Self-Test & DALI models)
Insulation Class	: Class II (no earth wiring required)
Protection Class	: Standard IP50, IP65 with gasket
Temperature	: 0 - 40°C
Terminals	: max 2.5mm² quick fit terminal block, in/out possible
Cable Entry	: From back, top, left or right sides, Ø18 (PG11)
Enclosure	: Polycarbonate housing, white

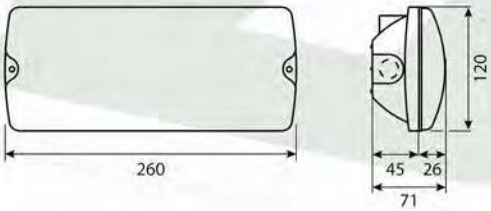




Ordering Details

Code	Type	Battery	Led Light Output & Duration
ELGS-SM8E	ECO	Ni-Cd	1 hour@244 Lumen or 3 hours@102 Lumen
ELGS-SM15E			1 hour@400 Lumen or 3 hours@190 Lumen
ELGS-SM15EMH		Ni-MH	1 hour@400 Lumen or 3 hours@190 Lumen
ELGS-SM22EMH			1 hour@400 Lumen or 3 hours@280 Lumen
ELGS-SM8ST	SELF TEST	Ni-Cd	1 hour@244 Lumen or 3 hours@102 Lumen
ELGS-SM15ST			1 hour@400 Lumen or 3 hours@190 Lumen
ELGS-SM15EMH-ST		Ni-MH	1 hour@400 Lumen or 3 hours@190 Lumen
ELGS-SM22EMH-ST			1 hour@400 Lumen or 3 hours@280 Lumen
ELGS-SM22-DALI	DALI	Ni-MH	3 hours@160 Lumen
ELGS-24	CENTRAL	24 Volt AC/DC	
ELGS-230		230 Volt AC/DC	
ELGS-PAD-S	Changeable sign PAD (inside the cover)		
ELGS-PAD-W	Changeable white PAD for opal lighting effect (inside the cover)		
ELGS-ASK	Vertical perspex hanger set (single or double sided)		
ELGS-ASK-SS	Vertical perspex hanger set, stainless steel frame (single or double sided)		
ELGS-ANK	Recessed mounting box		
ELGS-IP65	Silicone type IP65 protection gasket		
ELG-RMTS	Remote test option for Self-Test Models		
ELG-REST	Rest mode option for Self-Test Models		
ELG-INHB	Inhibit mode option for Self-Test Models		
ELG-PRGRD	Protection grid		

Dimensions (mm)




JW MARRIOTT
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ANKARA


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ANKARA
ÖZDOĞAN
GRUP

Madalyon Psychiatric Center












AKRO

İshakpaşa Palace





Pursaklar Clock Tower




HAYDAR
PAR


ALİYEV
RKI



HaydarAliyey Parkı







Butterfly Water Park








Bursa



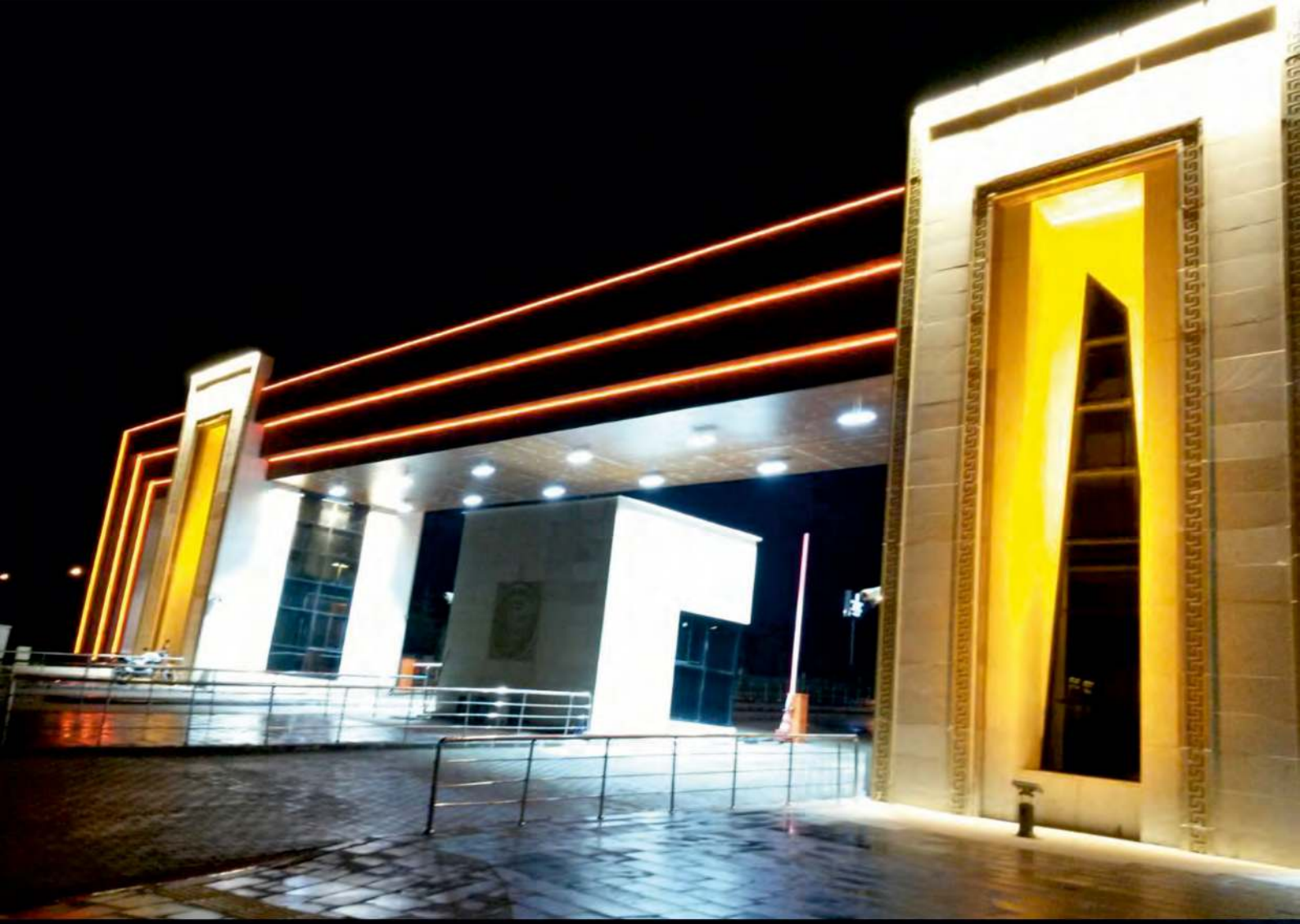




Nevşehir University








NEVŞEHİR HACI BEKTAŞ VELİ ÜNİVERSİTESİ


T.C. ORMAN VE SU İŞLERİ BAKANLIĞI
ORMAN GENEL MÜDÜRLÜ




T.C. ORMAN VE SU İŞLERİ BAKANLIĞI
ORMAN GENEL MÜDÜRLÜĞÜ