



Leoline®
s 1 2 s e r i e s





Leoline®
S 1 2 s e r i e s



High Power Wallwashers

Leoline® S12 series is formed of reliable lighting fixtures for wallwasher applications. They are designed for long life time and high efficiency to solve all problems in architectures. Leoline Series is a good fit to all kinds of buildings with its high uniformity at light output and color.

Both Leoline®S12 and M6 Series are high-performance and highly durable product lines designed specifically for "wall washing" or "wall grazing" applications. Despite their robustness, they have a linear, aesthetic and minimal appearance. Leoline® S12 and M6 wallwashers are highly used in architectural lighting, historical monuments, museums, bridges and other special facade lighting applications. Both are fully DMX and RDM compatible.

Leoline ®S12 is available in RGB, RGBW, RGBA, SC (single color) and DW (Dynamic White) options with 12 High Power LEDs.

With these traits, Leoline S12 installations provide most sophisticated wall-washer applications in facade lighting. Product line is widely used in illuminating historical places, monuments, smaller structures in parks and city areas.

Technology That Pushes

Limits

Technology for Innovators

RDM Monitoring

The lighting controls industry has evolved in favour of RDM. DMX512, the control standard across entertainment & architecture lighting controls, now offers two-way communications for configuration, monitoring and system setup via RDM protocol.

RDM is a killer way to work with your fixtures that are in the air while you are on the ground.

Did a stagehand or technician address 2 lights to the same address? Are some or all of your fixtures in the wrong mode? With RDM, you can change any of these things and more. Depending on your RDM controller, you either can work with 1 fixture at a time, or make changes to a number of fixtures very quickly.

In days before RDM, accessing functions and diagnostics of your fixture like the DMX address, control mode, lamp hour, and fan speed meant you had to be next to the fixture whether it was on the ground or 200 meters up in the air!

The RDM Protocol provides configuration and feedback from architecture lighting, theatre lighting systems, live events, and more. It works by sending pulses of data down the DMX line in-between the normal DMX commands. RDM actually communicates down the same lines as your DMX.

Many consoles and devices allow you to scan for RDM on an as-needed basis, or you can leave your RDM functionality on full-time. Hera LED fixtures, power supplies and splitters are completely compatible and compliant with RDM and have RDM monitoring features via Madrix controllers and software.



Madrix Radar Software

Hera LED's DMX lighting fixtures are also equipped with Remote Device Management. It is a two-way communication for receiving instructions as well as sending out feedback.

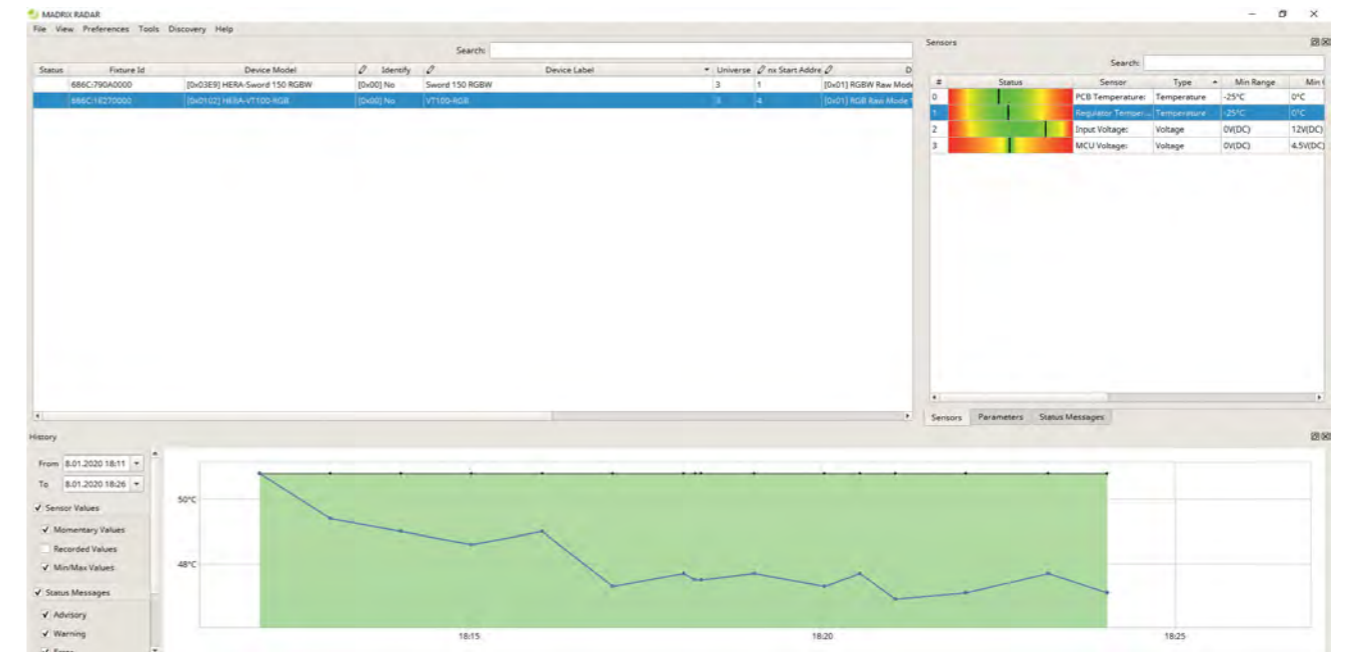
When devices report back data, you gain access to a whole new level of available information, insights, and control. MADRIX® RADAR is the complete toolbox to make the most of this data; automatically and efficiently.

With MADRIX® RADAR, one can supervise all lighting fixtures in a single software and handle large amounts of RDM devices. It is a new kind of application that opens up entirely new possibilities for you and your clients. MADRIX® RADAR includes automatic fixture patching, fully automatic 24/7 device monitoring, automatic e-mail notifications, and much more. This new software will allow you to configure settings remotely in an easy manner, monitor devices automatically for you, quickly see the results in graphical overviews at a single glance. That means that your setup and maintenance processes are much faster, much easier, and much more cost-efficient than ever before.

You can build a database of past sensor data and see the progression of device parameters, such as temperature and operating hours and exchange devices that are likely to fail soon. This way your maintenance costs are much more predictable.

Visualise how your system works.
Provide unparalleled support for each installation.
Start offering all-new benefits to your clients.
Unleash the full potential of RDM.

#	Status	Sensor	Type	Min Range	Min Okay	Min Detected	Value	Max Detected	Max Okay	Max Range	Record Value Support	Rec
0		PCB Temperature	Temperature	-25°C	0°C	0°C	35.8°C	38.5°C	85°C	125°C	[0x01] Recorded Value Supported	
1		Regulator Temper...	Temperature	-25°C	0°C	0°C	47.1°C	50.8°C	85°C	125°C	[0x01] Recorded Value Supported	
2		Input Voltage	Voltage	0V(DC)	12V(DC)	0V(DC)	46.9V(DC)	47V(DC)	55V(DC)	60V(DC)	[0x01] Recorded Value Supported	
3		MCU Voltage	Voltage	0V(DC)	4.5V(DC)	0V(DC)	4.9V(DC)	4.9V(DC)	5.5V(DC)	10V(DC)	[0x01] Recorded Value Supported	



**UNLEASH THE FULL
POTENTIAL OF RDM**

**AUTOMATIC E-MAIL
NOTIFICATIONS**

**FULLY AUTOMATIC 24/7
DEVICE MONITORING**

**INTRODUCING
MADRIX RADAR**

TRANSFORM HOW YOU WORK WITH LUMINARIES. EASILY CONFIGURE SETTING REMOTELY. LET THE SOFTWARE MONITOR DEVICES AUTOMATICALLY FOR YOU

PROVIDE UNPARALLELED SUPPORT FOR EACH INSTALLATION. START OFFERING ALL NEW BENEFITS TO YOUR CLIENTS

BUILD A DATABASE OF PAST SENSOR DATA AND SEE THE PROGRESS ON OF DEVICE PARAMETERS. SUCH AS TEMPERATURE AND OPERATING HOURS

FULLY AUTOMATIC 24/DEVICE MONITORING. AUTOMATIC E-MAIL NOTIFICATIONS. UNLEASH THE FULL POTENTIAL OF RDM

Continuous Monitoring on Sensor Data

Let the software monitor all of your devices 365 days a year, 7 days a week, 24 hours a day. It does so fully automatically without any required supervision.

MADRIX® RADAR checks the status of devices, such as voltage, temperature, status, power cycle, life cycle, and more. Graphical overviews allow you to quickly see if a sensor value is within its specified limits or out of its valid range.

Simplified Fixture Addressing by Addressing

Easily set up your RDM devices remotely. You can perform any configuration conveniently from your computer; instead of requiring direct access to the devices.

Fast Workflow with Powerful Automation

Drastically reduce the time-consuming process of configuring a large number of devices. Use the built-in search function and change settings of a single device or select several entries to quickly make multiple changes at once.

Let the software automatically patch all fixtures in a single DMX universe or across the entire range of addresses. Simply use drag and drop to put them in the correct order.

Fixture Discovery and Full Support on RDM

Use the built-in highlight mode to let a fixture flash with full-on white for quick identification of fixtures. See if devices correctly responds to DMX commands.

MADRIX® RADAR supports all RDM parameters detailed in the official protocol specifications of ANSI E1.20 and ANSI E1.37-1 over Art-Net.

Automatic Notifications and Event Reports

In addition to merely requesting and receiving information, the software will apply its own logical routines in order to create events for you. By probing and validating incoming data, MADRIX® RADAR provides actionable reports for you.

If MADRIX® RADAR detects any irregularities, you can receive automatic status updates within the software, run a PowerShell script, or let the system conveniently send you e-mails.

Invaluable Data History

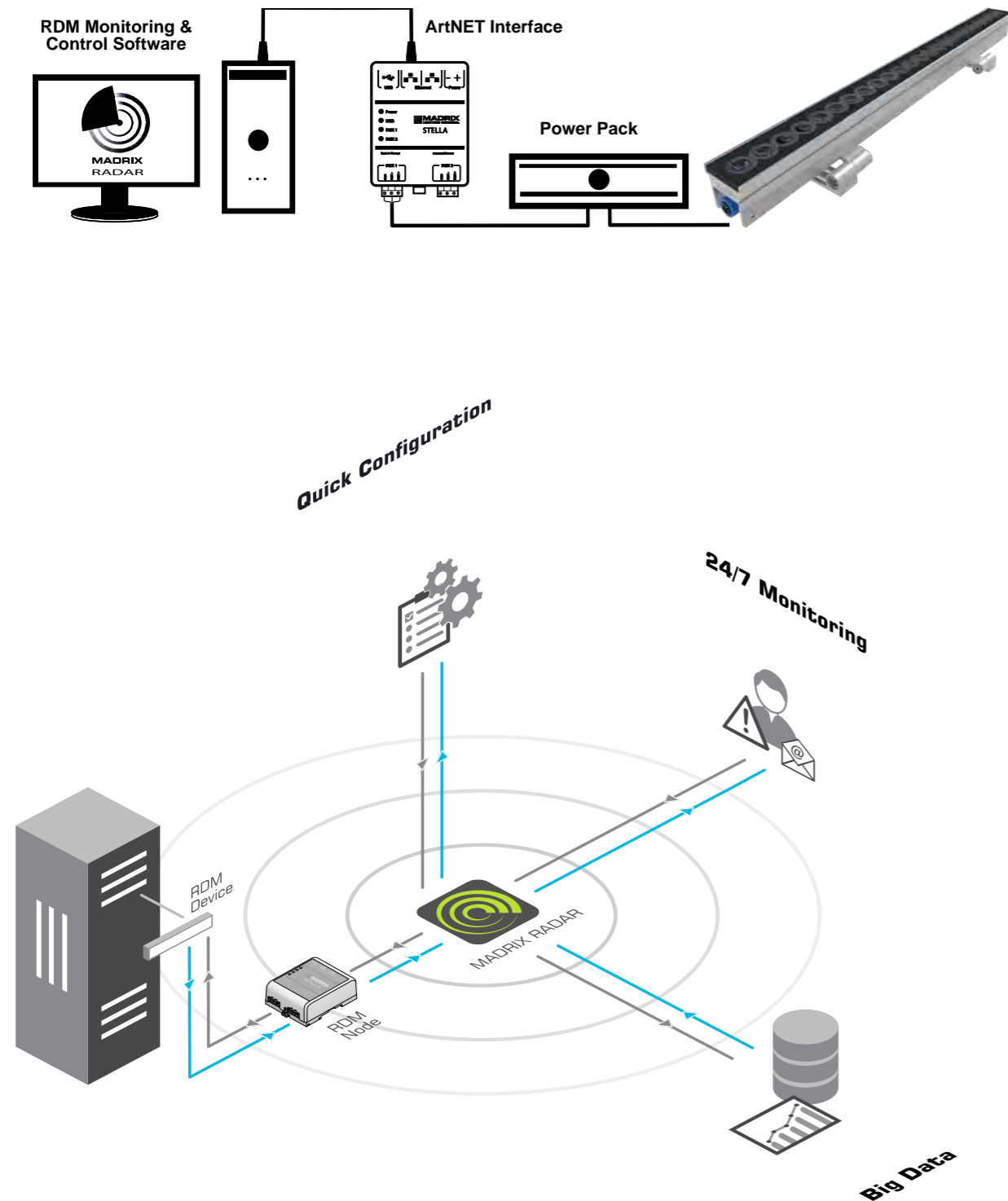
Leverage the valuable information that a device's data history can provide. See individual time series graphically over time. Access data records to see the progression, and find trend lines.

Smart Data Management

Present comprehensive statistics to your clients based on the data that MADRIX® RADAR is collecting. Replace failing devices and avoid replacing the ones that need no immediate replacement. You can freely enable or disable if data points are recorded, for example

Setup & Configuration

With License Model Integra Flexibly Into Your Projects



The MADRIX® System takes advantage of high-quality software and high-quality hardware.

	MADRIX® RDM Nodes		Third-Party RDM Nodes & MADRIX® RADAR License		
			MADRIX® RADAR fusion small	MADRIX® RADAR fusion medium	MADRIX® RADAR fusion large
RDM Devices/Sub-Devices	Automatically unlocks for all connected RDM devices/sub-devices.		32	256	2,048
Management	Yes	Yes	Yes	Yes	Yes
Configuration	Yes	Yes	Yes	Yes	Yes
Monitoring	Yes	Yes	Yes	Yes	Yes



MADRIX RADAR is an independent software that allows you to choose compatible RDM nodes. You gain the enormous advantage with MADRIX RDM nodes of running a fully integrated system. MADRIX hardware processes RDM data packages in a way that does not result in interference with DMX data packages during full and live operation, which could lead to visual flickering or other signal interruptions.


MADRIX interfaces manage these data streams highly efficiently and intelligently.

living in COLOR

Leoline®

S12

series



Wallwasher lighting is becoming increasingly popular. It is available in many different styles and finishes to complement your facades. The real beauty of this type of lighting is that, its main function is to wash all your walls with the light.

Wall washing illuminates a vertical surface with uniform brightness and draws attention to the facade. It can be used to accentuate architectural artworks. The light reflected from matte surface walls will provide a soft, diffuse light within. The spacing between the fixtures and the wall determines the brightness of the surface.

Leoline wide selection of wallwashers make each building feel spacious and welcoming without adding shadows or uneven lighting. Thanks to its special design, fixtures are mounted side-by-side and no shade is formed in-between. This creates a continuous linear view. Leoline operates on 48V DC which enables very long starter and jumper cable usage, easing installation to a great extent. The Dynamic Power Boost feature allows light to always be at maximum brightness and intensifies non-white colors. Leoline Series also provides easy setup and programming with standard DMX 512 and RDM, with no need for special and complex communication protocols.

We empower you to light up your facade with the best possible wallwasher lights and the best performance with minimum glare, via our Leoline series.



Certification

Product complies with EU Safety regulations of EN 60598-1, EN 60598-2-3, EN 62471, EN 60950-1, EN 60950-22, EN 60529, EN 62262.

Product complies with EU EMC standards of EN 55024, EN 55032, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6, EN 61000-4-8.

Product complies with US Safety standards of UL 1598, UL 60950-1, UL 60950-22 and US EMC standard of FCC Part 15 Class A.

We fully trust in our products and give 5-year warranty for all our product lines, subject to conditions given in the warranty agreement.

The Power To Be Your Best

We deliver high-performance professional LED lighting systems in a wide range of types, and output levels, empowering end users around the world to achieve their unique visions.

The wallwasher Leoline S12 series is rated for outdoor use. This luminaire extends the application areas of light to architectural projects of all kinds: accentuate facades of buildings or turn spaces into stages of bright light. The option of five distinct beam angles for this line, permits a variety of installation options, from focused accent lighting to large-scale wall washing effects. Leoline S12 series is mostly used in architectural lighting, historical monuments, museums, stadiums, landscape lighting, auditoriums, amphitheatres or other hospitality environments. The use of Dynamic White to switch between cold and warm hues of White unfolds an area's full potential and effect. RGBW ones with their high brightness, and exterior luminaire design is ideal for architectural color changing facades.

Reliability in Numbers

Leoline fixtures are in IP67 protection class and with their robust and durable structure, are designed to meet extremely difficult requirements of outdoor facade applications. Leolines are resistant to impact, vibration and other harsh conditions, with its aluminium integrated body structure and 6mm thick tempered glass.



Our conventional fixtures stand the test of time, withstand even the harshest conditions, including dirty power, high-vibration, extreme temperatures and hazardous or volatile outdoor environments.

Facade lighting is an increasingly popular feature of landmark architectural projects, and with our high-quality products, we combine high performance with reliability.

Why be Contented with Standards

Leoline®S12 joined Hera LED family for an above-standard experience.

Leoline series is bound to be the new favorite of lighting designers with its robust and aesthetic structure, mounting brackets that allow assembly at multiples of 10 degrees and new generation push-lock connectors.

You will grow fond of Leoline product line, which joins elegance and technology in a single fixture. RDM Monitoring at sensor level is innovative. Its assembly procedure is user-friendly. Product is IP67 and IK09 which provides the necessary outdoor endurance.

Leoline® S12 is waiting for you to discover it



Aluminum Body

Mounting bracket assembly at multiples of 10 degrees

Mounting hole for different assembly options

Push Lock

2+4 Pin Waterproof Push Lock Type Connector

Die-cast Aluminum Installation Bracket

- RGB
- RGBW
- RGBA
- DYNAMIC WHITE
- RED
- GREEN
- BLUE
- AMBER
- COOL WHITE
- WARM WHITE
- NEUTRAL WHITE

- CE
- FCC
- RoHS compliant
- DMX RDM
- RDM MONITORING
- 48VDC

Leoline® 12 Series

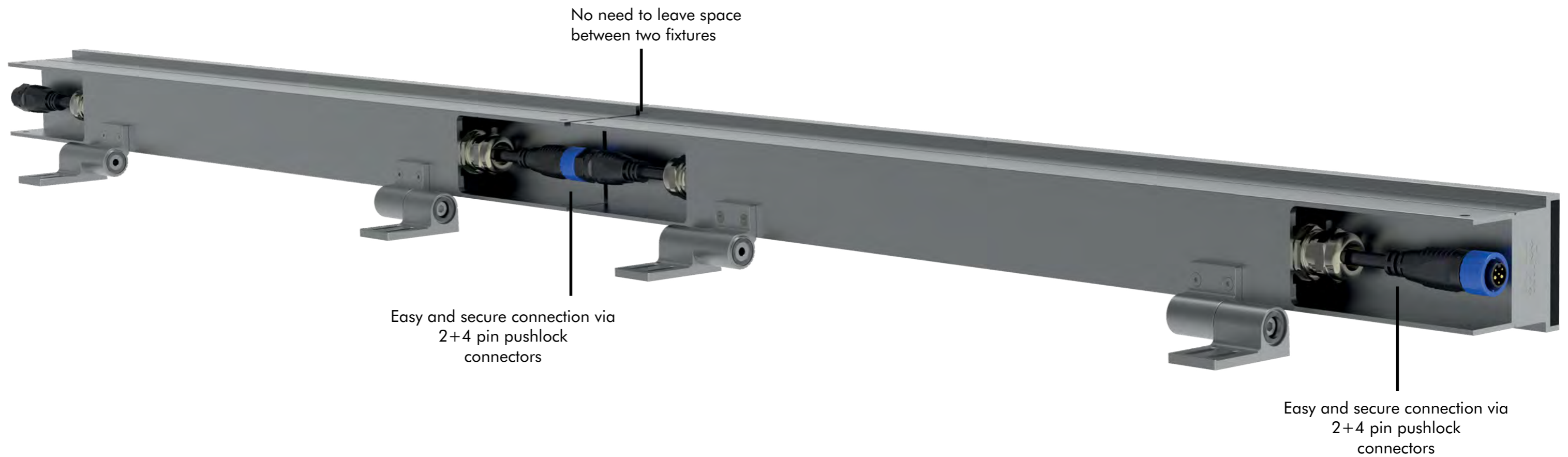
CONNECTIONS

Wall washing creates a very uniform light distribution on the facade. Under the light of up-fixtures, graphic patterns are produced by the definite beams. Grazing light emphasises the surface textures of materials.

With Leoline®S12 series wallwashers, one can form continuous linear forms easily.

Connection is done via 2+4 pin push lock connectors without putting much effort to it. Connectors are IP68 and waterproof.

Both power and DMX signals are transmitted over these cable and connectors.



Impossible is Nothing

ASSEMBLY

Leoline® S12 fixtures are produced from a single piece of extruded aluminium and processed meticulously in CNC machines. In this way, fixtures are produced as one piece and without any separate side cover. This allows the fixtures to be highly durable and last for many years even in the most demanding conditions. IP68 push-lock connectors are used for power and data transmission, in/out with no space between them.

There is no need to use extra junction boxes. The connector areas are hidden and no cable is visible when viewed from outside in linear use. The mounting bracket is at 10° angle and fixed at an adjusted angle thanks to locked threads and does not change direction even with harsh weather conditions. In addition, U-brackets can be used, providing a linear and spaceless form.

Leoline series is IP67 class and with its robust structure, designed to meet most difficult requirements of exterior facade applications. They are resistant to shock, vibration and other challenging conditions with its aluminium integrated body structure and 6mm thick tempered glass. As an optional accessory, Dark Light Louver prevents glare and dazzling. Glare Shield is another accessory, to be used when light sources are not intended to be seen.

Fixtures are available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options. Leoline series is produced with a clear anodized coated color as standard. It can be coated in any different color upon request.

With these genuine characteristics, Leoline range provides a complete system of wallwasher luminaires for media facades. Our wallwashers overcome previous limitations in color temperature, luminance, and overheating and enhance the the beauty of your premise. Our dependable fixtures bring safety, security, comfort and is your best choice for outdoor applications.

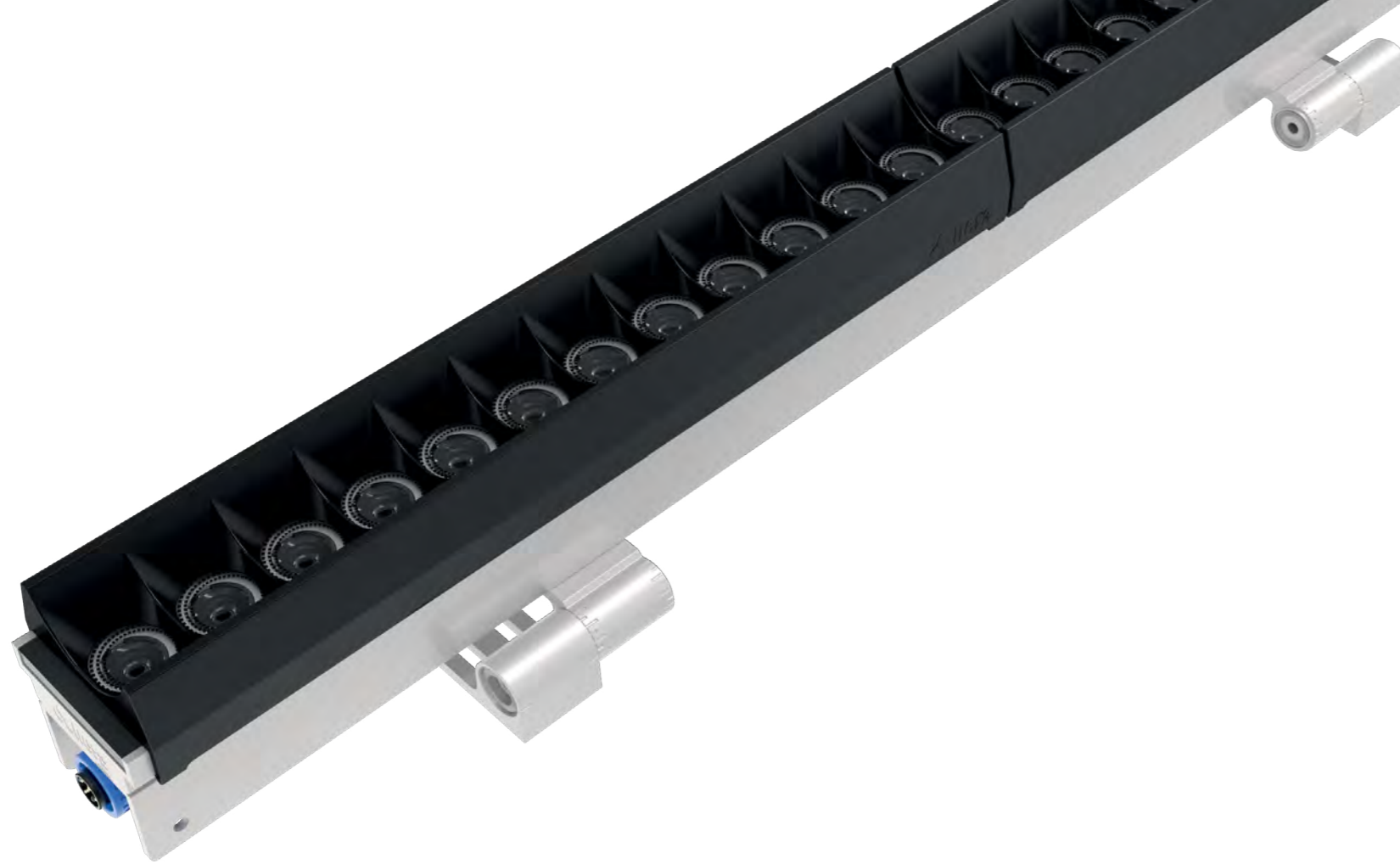


Leoline® S12 Series

U-Bracket

U-brackets are used to provide a linear and spaceless form. Material is die-cast aluminum with eloxal coating. Cables are hidden and mounting brackets are omitted from use with use of these U-brackets, to make an aesthetic look on the fixture.





Leoline[®] S12 Series Dark Light Louver

An ideal wallwasher has no glare and long life.

Dark-light louvres, guarantee dazzle-free illumination.

The light body is made of die-cast aluminium and powder-coated in black paint. Different color options are possible upon request.



Leoline[®] S12 Series Glare Shield

Glare Shield serve to focus light to a specific area and hide the source of the light from observers. Glare Shields have 45 degree glare cutoff on all sides.

Glare Shield allows a glare free and easy on-the-eyes view on facade lighting applications.

Material of the shield is die-cast aluminum, standard is metallic grey but different colors can be painted upon request.

CHANGES For The BETTER

Leoline®S12 series are media facade wallwashers, extremely efficient in terms of use for creative installations,. Each 315mm (1ft) of fixture consists of 12 (S12) High Power LEDs with many LED combinations for the right look for each application.

Leoline S12 series come in five light color options (RGB, RGBW, RGBA, Dynamic White, SC), five beam angles (15° / 30° / 45° / 60° / 35°+15°), and five lengths (315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft)).

Each 315mm (1ft) section can be individually addressed for more detailed colour animations.

We can also make custom-made designs for specific requirements of projects with our producer identity and provide an excellent color mix.

Leoline® S12 SC Single Color)

Series consists of 12 High Power LEDs in single colors; Red, Green, Blue, Amber, Warm White, Natural White, Cool White, at every 315mm (1ft). It is available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options and 5 different beam angles..

Leoline® S12 RGB

Leoline® S12RGB Series consists of 4 Red, 4 Green, 4 Blue LEDs at every 315mm (1ft). It is available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options and provides an excellent color mix with 5 different beam angles.

Leoline® S12 RGBW

Leoline® S12RGBW Series consists of 3 Red, 3 Green, 3 Blue, 3 6500K LEDs at every 315mm (1ft). It is available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options and provides an excellent color mix with 5 different beam angles.

Leoline® S12 RGBA

Leoline® S12RGBA Series consists of 3 Red, 3 Green, 3 Blue, 3 Amber LEDs at every 315mm (1ft). It is available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options and provides an excellent color mix with 5 different beam angles.

Leoline® DW (Dynamic White)

Leoline® S12DW Series consists of 6 2700K, 6 6500K LEDs at every 315mm (1ft). It is available in 315mm (1ft), 615mm (2ft), 915mm (3ft) 1215mm (4ft), 1515mm (5ft) length options. Dynamic White color tones can be achieved using LEDs with color temperatures between 2700K and 6500K. Thanks to its 5 different beam angle options, Leoline® S12 DW series enables solutions for all architectural structures.

Lighting to Reveal, at All Angles

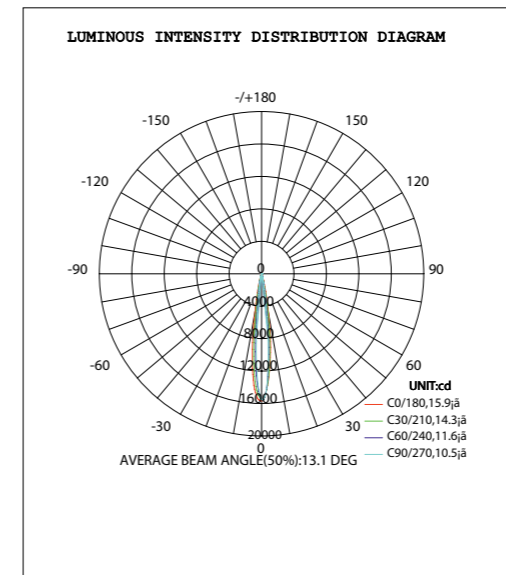
We deliver high-performance professional LED lighting systems in a wide range of types, form factors, and output levels empowering lighting professionals around the world to achieve their projects.

Leoline® fixtures deliver high-intensity light in a range of beams.

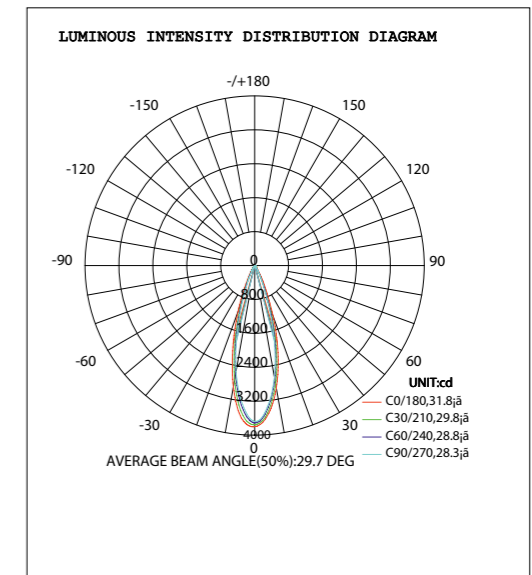


Leoline®S12 RGB SERIES

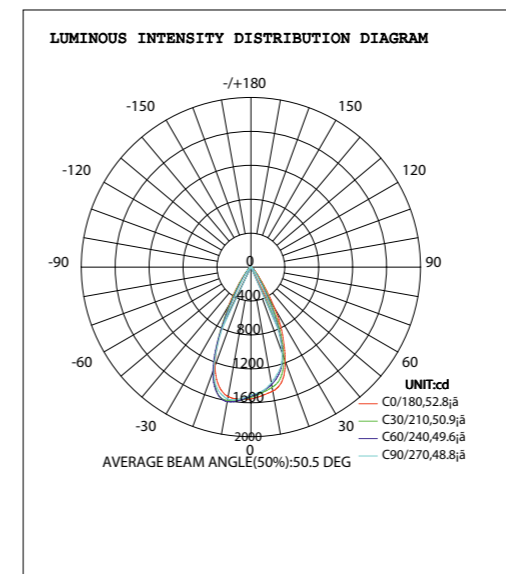
Narrow Beam 15°



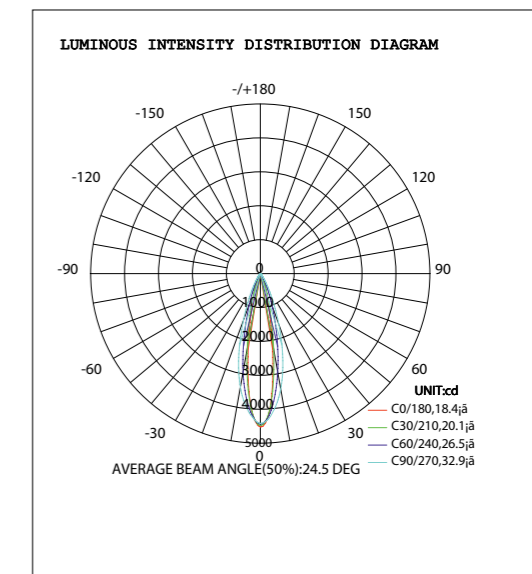
Medium Beam 30°



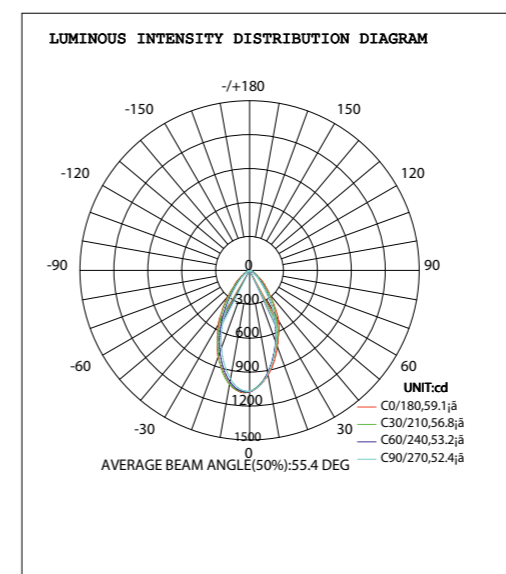
Wide Beam 45°



Asymmetric Beam 15°+35°

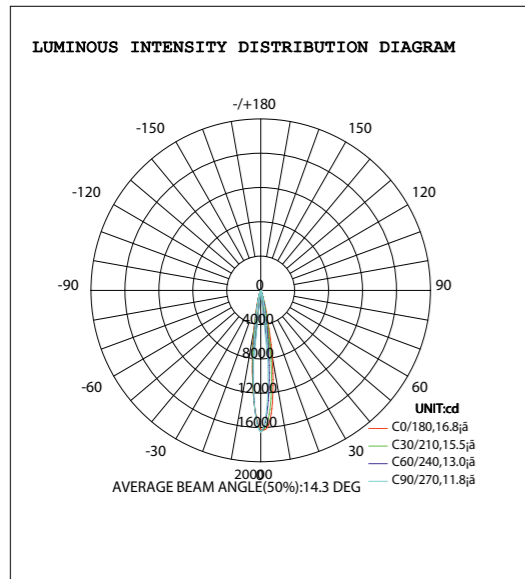


Very Wide Beam 60°

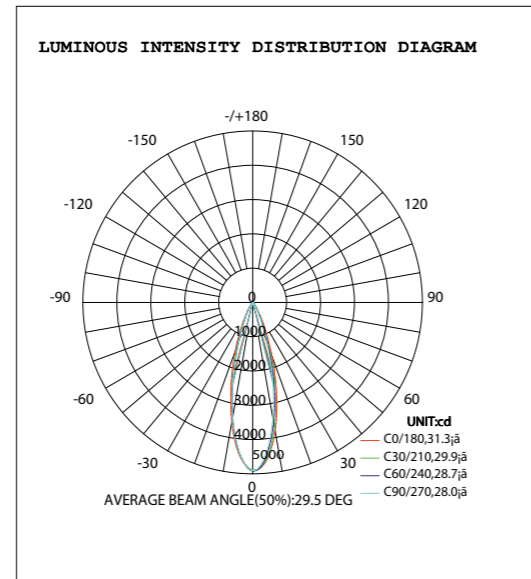


Leoline®S12 RGBW SERIES

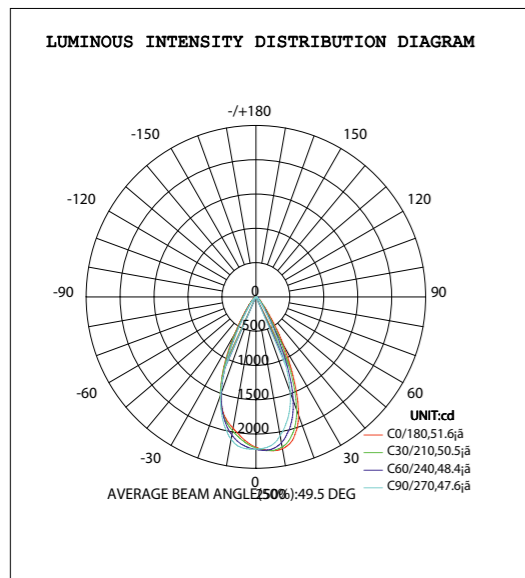
Narrow Beam 15°



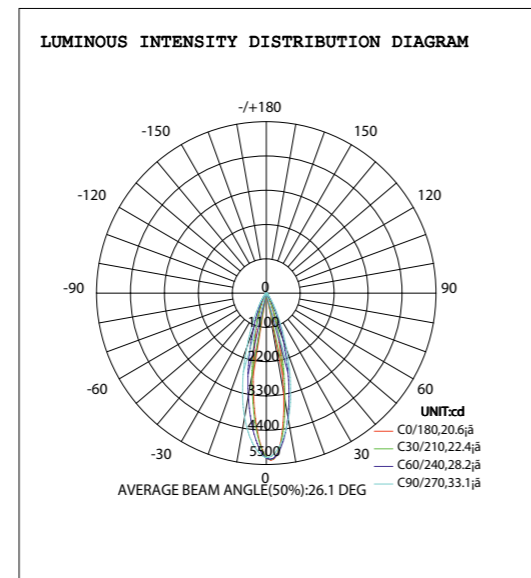
Medium Beam 30°



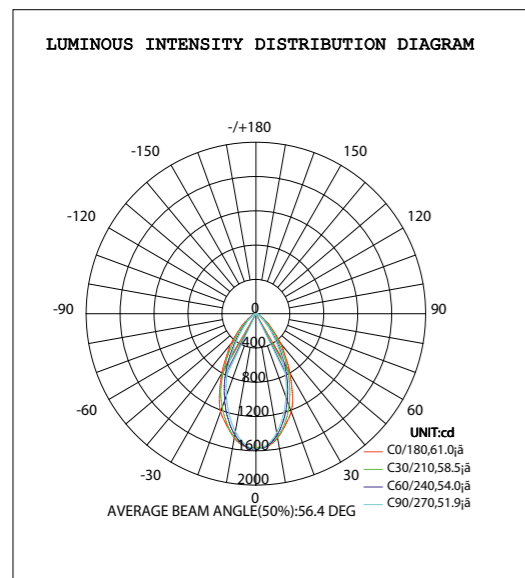
Wide Beam 45°



Asymmetric Beam 15°+35°

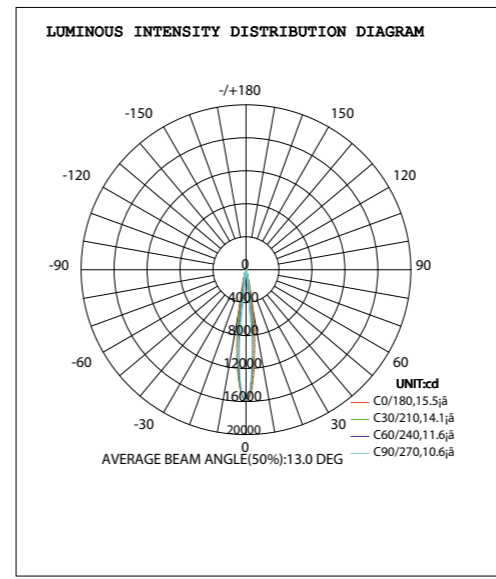


Very Wide Beam 60°

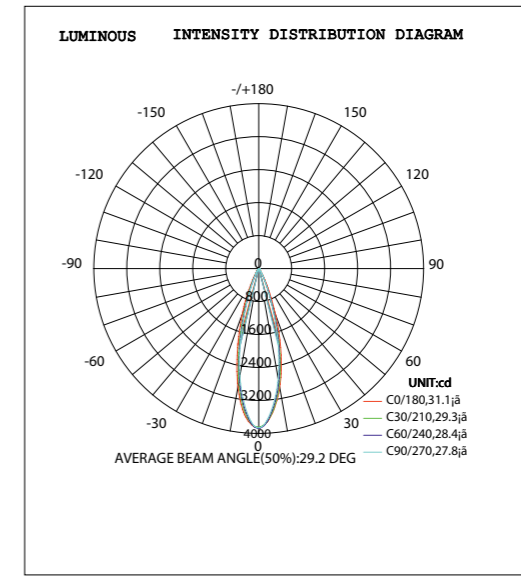


Leoline®S12 RGBA SERIES

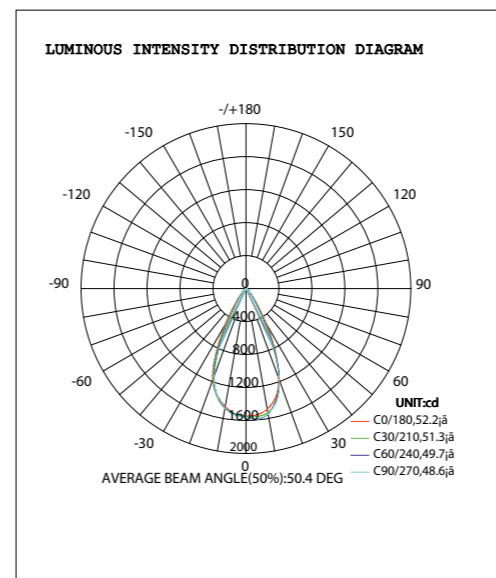
Narrow Beam 15°



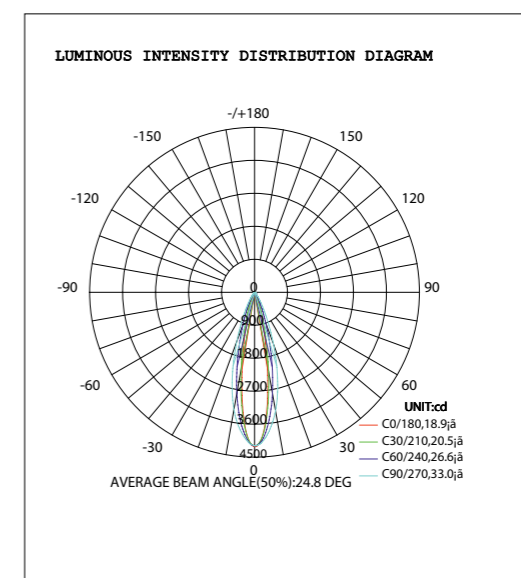
Medium Beam 30°



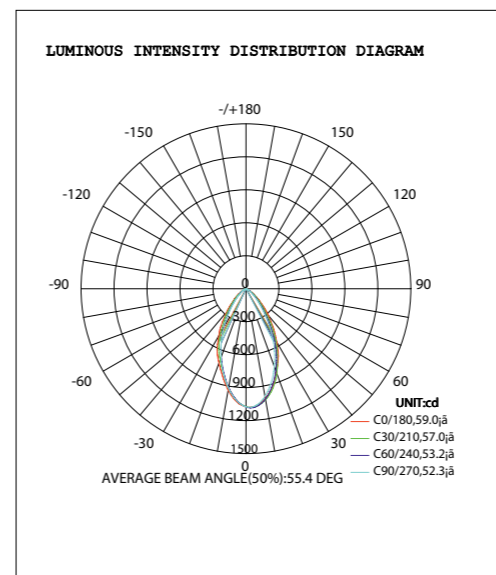
Wide Beam 45°



Asymmetric Beam 15°+35°



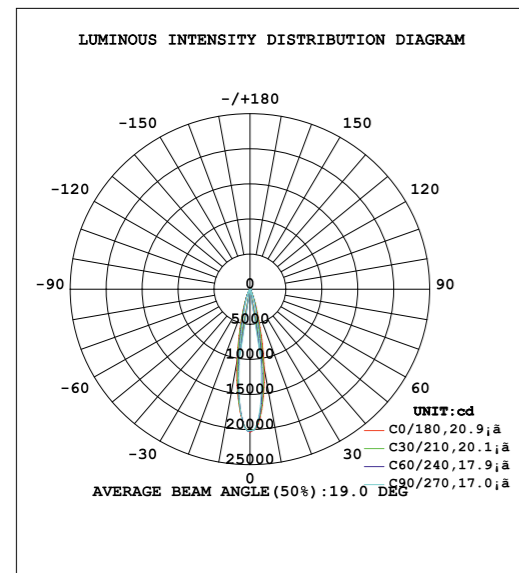
Very Wide Beam 60°



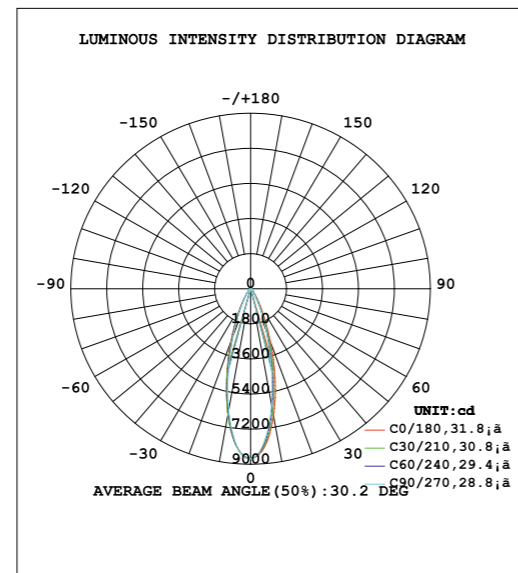
Leoline®S12 SC SERIES Warm White

Leoline®S12 SC SERIES Natural White

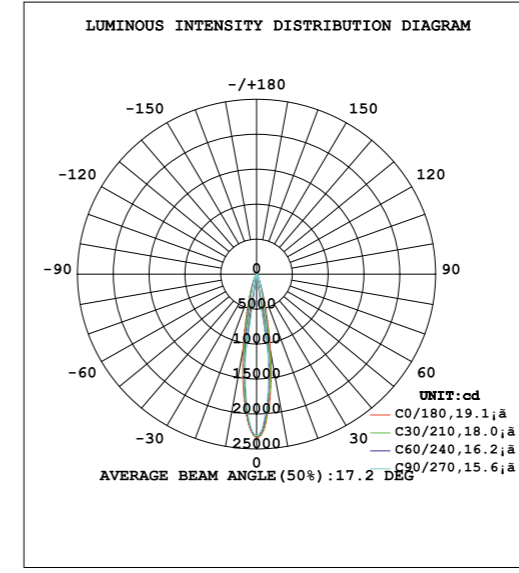
Narrow Beam 15°



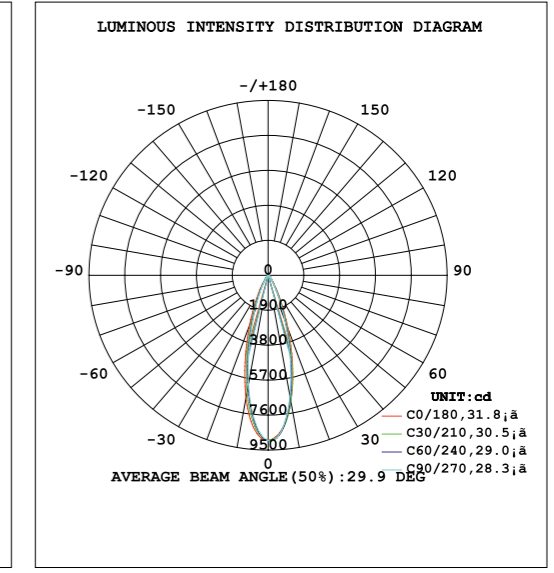
Medium Beam 30°



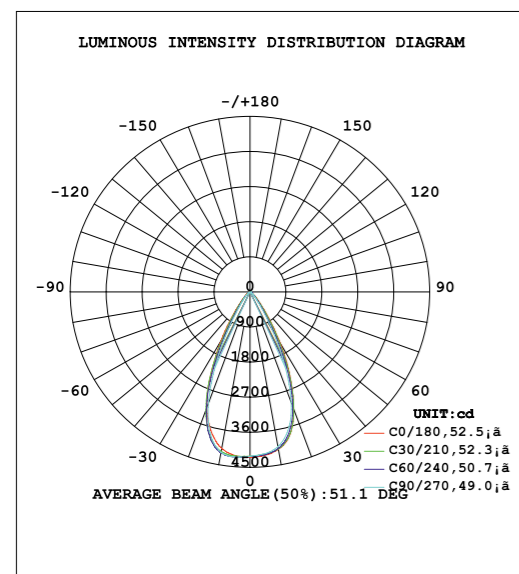
Narrow Beam 15°



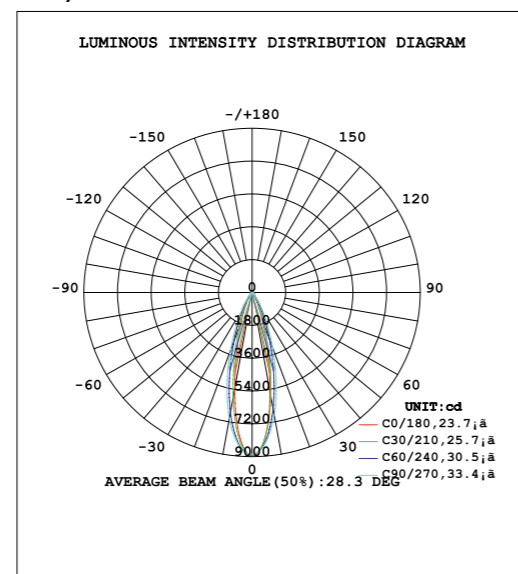
Medium Beam 30°



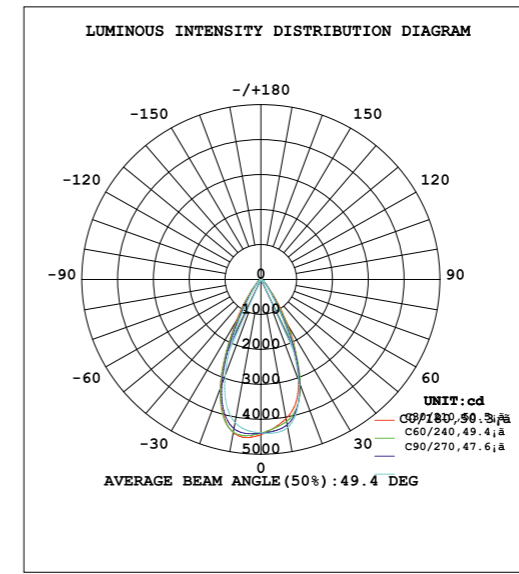
Wide Beam 45°



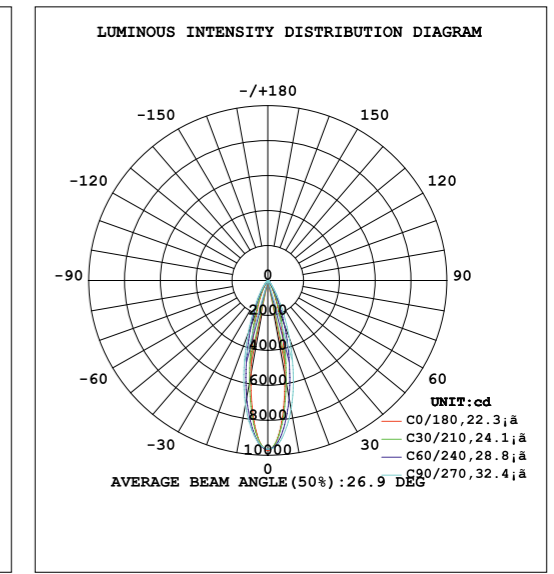
Very Wide Beam 60°



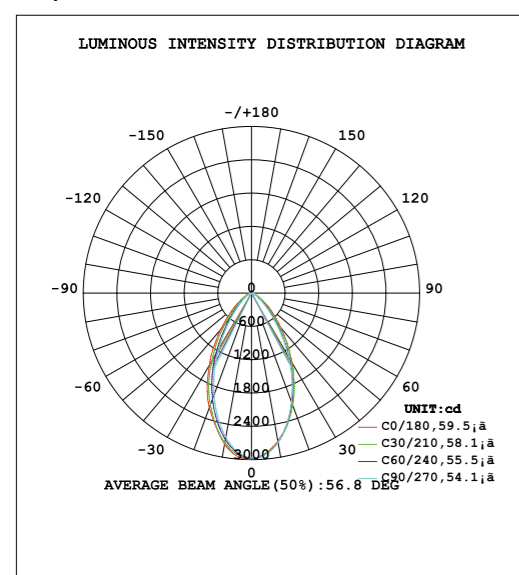
Wide Beam 45°



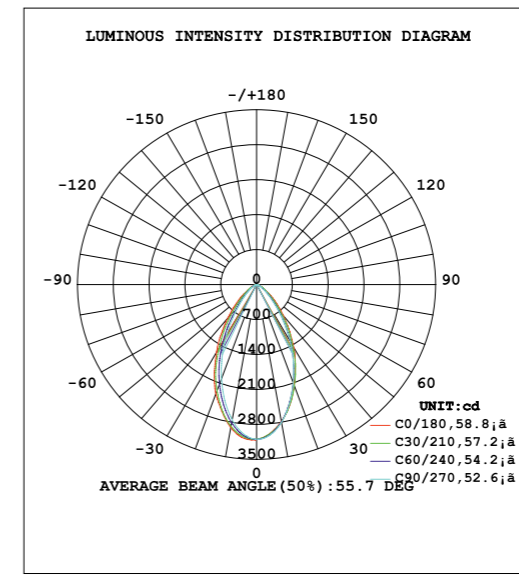
Very Wide Beam 60°



Asymmetric Beam 15°+35°

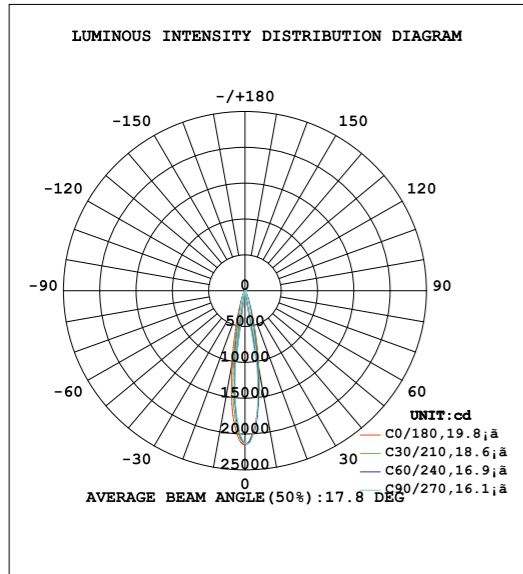


Asymmetric Beam 15°+35°

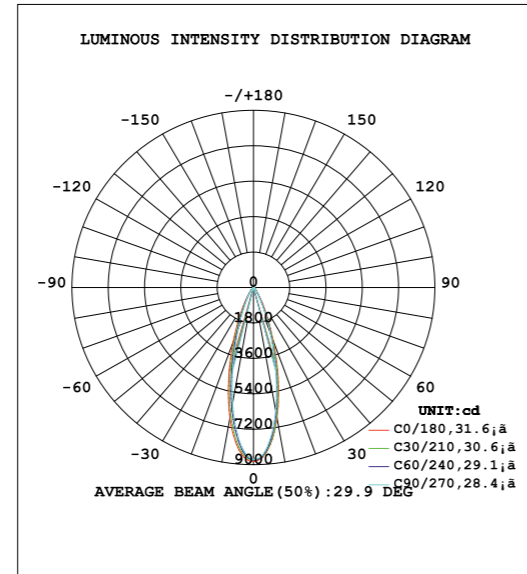


Leoline®S12 SC SERIES Cool White

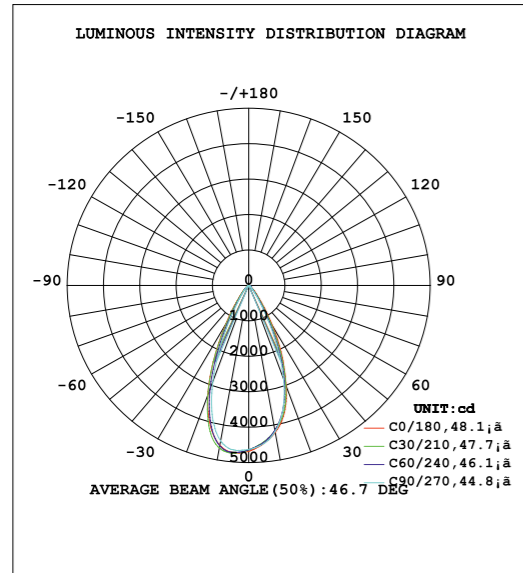
Narrow Beam 15°



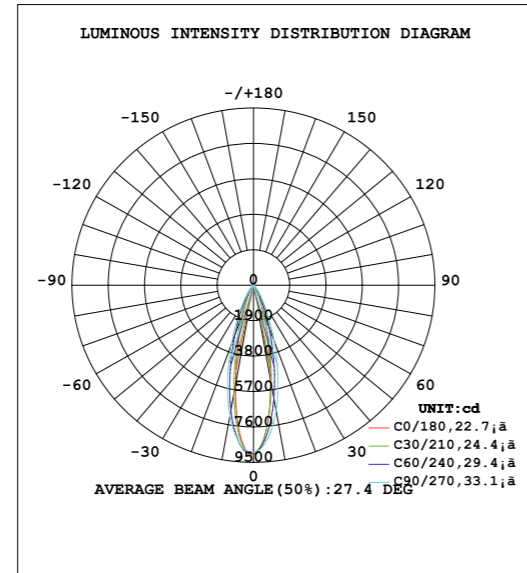
Medium Beam 30°



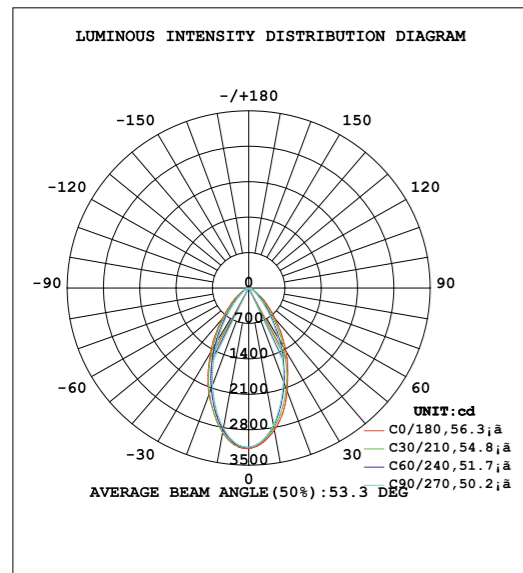
Wide Beam 45°



Very Wide Beam 60°

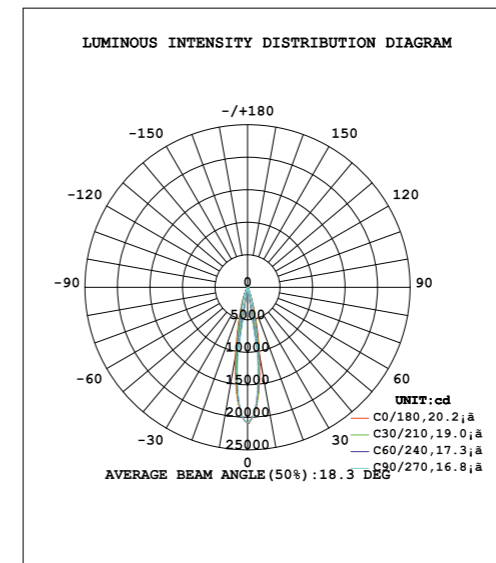


Asymmetric Beam 15°+35°

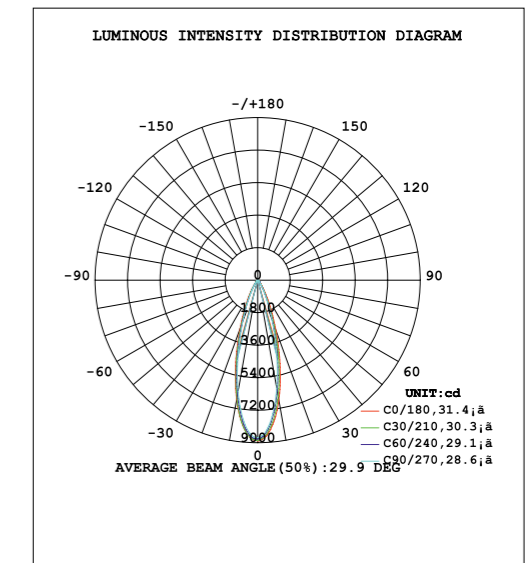


Leoline®S12 DW SERIES

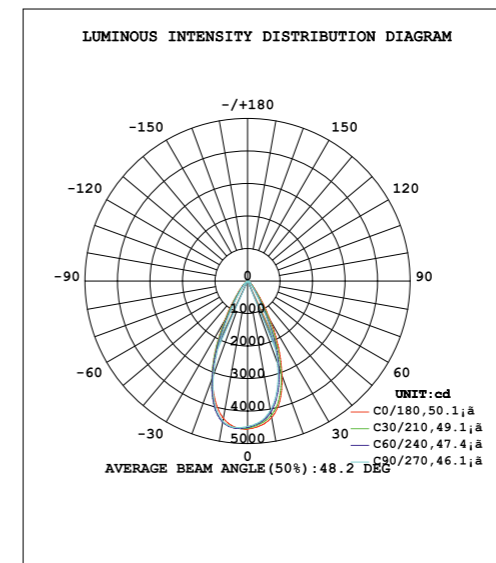
Narrow Beam 15°



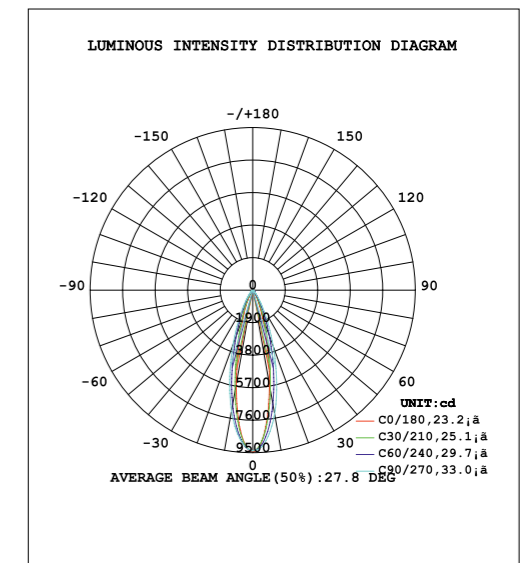
Medium Beam 30°



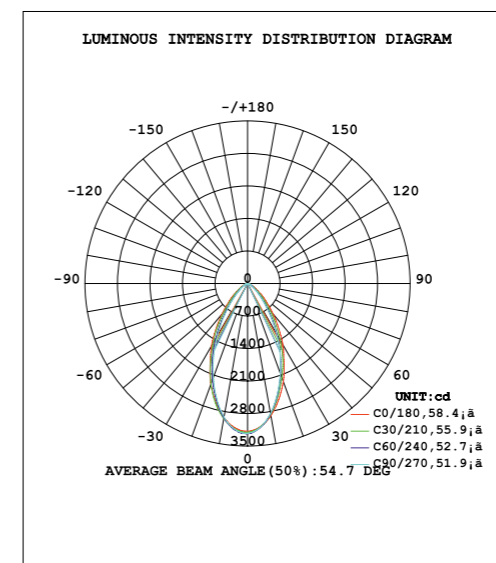
Wide Beam 45°



Very Wide Beam 60°



Asymmetric Beam 15°+35°





Leoline® 12 SC Series Fixtures

P02020XX1 Leoline® S12 315mm DMX SC Surface Mounted Narrow Beam 15°
P02020XX2 Leoline® S12 315mm DMX SC Surface Mounted Medium Beam 30°
P02020XX3 Leoline® S12 315mm DMX SC Surface Mounted Wide Beam 45°
P02020XX4 Leoline® S12 315mm DMX SC Surface Mounted Very Wide Beam 60°
P02020XX6 Leoline® S12 315mm DMX SC Surface Mounted Asymmetric Beam 35°+15°

P02021XX1 Leoline® S12 615mm DMX SC Surface Mounted Narrow Beam 15°
P02021XX2 Leoline® S12 615mm DMX SC Surface Mounted Medium Beam 30°
P02022XX3 Leoline® S12 915mm DMX SC Surface Mounted Wide Beam 45°
P02021XX4 Leoline® S12 615mm DMX SC Surface Mounted Very Wide Beam 60°
P02021XX6 Leoline® S12 615mm DMX SC Surface Mounted Asymmetric Beam 35°+15°

P02022XX1 Leoline® S12 915mm DMX SC Surface Mounted Narrow Beam 15°
P02022XX2 Leoline® S12 915mm DMX SC Surface Mounted Medium Beam 30°
P02022XX3 Leoline® S12 915mm DMX SC Surface Mounted Wide Beam 45°
P02022XX4 Leoline® S12 915mm DMX SC Surface Mounted Very Wide Beam 60°
P02022XX6 Leoline® S12 915mm DMX SC Surface Mounted Asymmetric Beam 35°+15°

P02023XX1 Leoline® S12 1215mm DMX SC Surface Mounted Narrow Beam 15°
P02023XX2 Leoline® S12 1215mm DMX SC Surface Mounted Medium Beam 30°
P02023XX3 Leoline® S12 1215mm DMX SC Surface Mounted Wide Beam 45°
P02023XX4 Leoline® S12 1215mm DMX SC Surface Mounted Very Wide Beam 60°
P02023XX6 Leoline® S12 1215mm DMX SC Surface Mounted Asymmetric Beam 35°+15°

P02024XX1 Leoline® S12 1515mm DMX SC Surface Mounted Narrow Beam 15°
P02024XX2 Leoline® S12 1515mm DMX SC Surface Mounted Medium Beam 30°
P02024XX3 Leoline® S12 1515mm DMX SC Surface Mounted Wide Beam 45°
P02024XX4 Leoline® S12 1515mm DMX SC Surface Mounted Very Wide Beam 60°
P02024XX6 Leoline® S12 1515mm DMX SC Surface Mounted Asymmetric Beam 35°+15°



Leoline® 12 RGB Series Fixtures

P02020081 Leoline® S12 315mm DMX RGB Surface Mounted Narrow Beam 15°
P02020082 Leoline® S12 315mm DMX RGB Surface Mounted Medium Beam 30°
P02020083 Leoline® S12 315mm DMX RGB Surface Mounted Wide Beam 45°
P02020084 Leoline® S12 315mm DMX RGB Surface Mounted Very Wide Beam 60°
P02020086 Leoline® S12 315mm DMX RGB Surface Mounted Asymmetric Beam 35°+15°

P02021081 Leoline® S12 615mm DMX RGB Surface Mounted Narrow Beam 15°
P02021082 Leoline® S12 615mm DMX RGB Surface Mounted Medium Beam 30°
P02021083 Leoline® S12 615mm DMX RGB Surface Mounted Wide Beam 45°
P02021084 Leoline® S12 615mm DMX RGB Surface Mounted Very Wide Beam 60°
P02021086 Leoline® S12 615mm DMX RGB Surface Mounted Asymmetric Beam 35°+15°

P02022081 Leoline® S12 915mm DMX RGB Surface Mounted Narrow Beam 15°
P02022082 Leoline® S12 915mm DMX RGB Surface Mounted Medium Beam 30°
P02022083 Leoline® S12 915mm DMX RGB Surface Mounted Wide Beam 45°
P02022084 Leoline® S12 915mm DMX RGB Surface Mounted Very Wide Beam 60°
P02022086 Leoline® S12 915mm DMX RGB Surface Mounted Asymmetric Beam 35°+15°

P02023081 Leoline® S12 1215mm DMX RGB Surface Mounted Narrow Beam 15°
P02023082 Leoline® S12 1215mm DMX RGB Surface Mounted Medium Beam 30°
P02023083 Leoline® S12 1215mm DMX RGB Surface Mounted Wide Beam 45°
P02023084 Leoline® S12 1215mm DMX RGB Surface Mounted Very Wide Beam 60°
P02023086 Leoline® S12 1215mm DMX RGB Surface Mounted Asymmetric Beam 35°+15°

P02024081 Leoline® S12 1515mm DMX RGB Surface Mounted Narrow Beam 15°
P02024082 Leoline® S12 1515mm DMX RGB Surface Mounted Medium Beam 30°
P02024083 Leoline® S12 1515mm DMX RGB Surface Mounted Wide Beam 45°
P02024084 Leoline® S12 1515mm DMX RGB Surface Mounted Very Wide Beam 60°
P02024086 Leoline® S12 1515mm DMX RGB Surface Mounted Asymmetric Beam 35°+15°



Leoline® S12 RGBW Series Fixtures

P02020101 Leoline® S12 315mm DMX RGBW Surface Mounted Narrow Beam 15°
P02020102 Leoline® S12 315mm DMX RGBW Surface Mounted Medium Beam 30°
P02020103 Leoline® S12 315mm DMX RGBW Surface Mounted Wide Beam 45°
P02020104 Leoline® S12 315mm DMX RGBW Surface Mounted Very Wide Beam 60°
P02020106 Leoline® S12 315mm DMX RGBW Surface Mounted Asymmetric Beam 35°+15°

P02021101 Leoline® S12 615mm DMX RGBW Surface Mounted Narrow Beam 15°
P02021102 Leoline® S12 615mm DMX RGBW Surface Mounted Medium Beam 30°
P02021103 Leoline® S12 615mm DMX RGBW Surface Mounted Wide Beam 45°
P02021104 Leoline® S12 615mm DMX RGBW Surface Mounted Very Wide Beam 60°
P02021106 Leoline® S12 615mm DMX RGBW Surface Mounted Asymmetric Beam 35°+15°

P02022101 Leoline® S12 915mm DMX RGBW Surface Mounted Narrow Beam 15°
P02022102 Leoline® S12 915mm DMX RGBW Surface Mounted Medium Beam 30°
P02022103 Leoline® S12 915mm DMX RGBW Surface Mounted Wide Beam 45°
P02022104 Leoline® S12 915mm DMX RGBW Surface Mounted Very Wide Beam 60°
P02022106 Leoline® S12 915mm DMX RGBW Surface Mounted Asymmetric Beam 35°+15°

P02023101 Leoline® S12 1215mm DMX RGBW Surface Mounted Narrow Beam 15°
P02023102 Leoline® S12 1215mm DMX RGBW Surface Mounted Medium Beam 30°
P02023103 Leoline® S12 1215mm DMX RGBW Surface Mounted Wide Beam 45°
P02023104 Leoline® S12 1215mm DMX RGBW Surface Mounted Very Wide Beam 60°
P02023106 Leoline® S12 1215mm DMX RGBW Surface Mounted Asymmetric Beam 35°+15°

P02024101 Leoline® S12 1515mm DMX RGBW Surface Mounted Narrow Beam 15°
P02024102 Leoline® S12 1515mm DMX RGBW Surface Mounted Medium Beam 30°
P02024103 Leoline® S12 1515mm DMX RGBW Surface Mounted Wide Beam 45°
P02024104 Leoline® S12 1515mm DMX RGBW Surface Mounted Very Wide Beam 60°
P02024106 Leoline® S12 1515mm DMX RGBW Surface Mounted Asymmetric Beam 35°+15°



Leoline® S12 RGBA Series Fixtures

P02020091 Leoline® S12 315mm DMX RGBA Surface Mounted Narrow Beam 15°
P02020092 Leoline® S12 315mm DMX RGBA Surface Mounted Medium Beam 30°
P02020093 Leoline® S12 315mm DMX RGBA Surface Mounted Wide Beam 45°
P02020094 Leoline® S12 315mm DMX RGBA Surface Mounted Very Wide Beam 60°
P02020096 Leoline® S12 315mm DMX RGBA Surface Mounted Asymmetric Beam 35°+15°

P02021091 Leoline® S12 615mm DMX RGBA Surface Mounted Narrow Beam 15°
P02021092 Leoline® S12 615mm DMX RGBA Surface Mounted Medium Beam 30°
P02021093 Leoline® S12 615mm DMX RGBA Surface Mounted Wide Beam 45°
P02021094 Leoline® S12 615mm DMX RGBA Surface Mounted Very Wide Beam 60°
P02021096 Leoline® S12 615mm DMX RGBA Surface Mounted Asymmetric Beam 35°+15°

P02022091 Leoline® S12 915mm DMX RGBA Surface Mounted Narrow Beam 15°
P02022092 Leoline® S12 915mm DMX RGBA Surface Mounted Medium Beam 30°
P02022093 Leoline® S12 915mm DMX RGBA Surface Mounted Wide Beam 45°
P02022094 Leoline® S12 915mm DMX RGBA Surface Mounted Very Wide Beam 60°
P02022096 Leoline® S12 915mm DMX RGBA Surface Mounted Asymmetric Beam 35°+15°

P02023091 Leoline® S12 1215mm DMX RGBA Surface Mounted Narrow Beam 15°
P02023092 Leoline® S12 1215mm DMX RGBA Surface Mounted Medium Beam 30°
P02023093 Leoline® S12 1215mm DMX RGBA Surface Mounted Wide Beam 45°
P02023094 Leoline® S12 1215mm DMX RGBA Surface Mounted Very Wide Beam 60°
P02023096 Leoline® S12 1215mm DMX RGBA Surface Mounted Asymmetric Beam 35°+15°

P02024091 Leoline® S12 1515mm DMX RGBA Surface Mounted Narrow Beam 15°
P02024092 Leoline® S12 1515mm DMX RGBA Surface Mounted Medium Beam 30°
P02024093 Leoline® S12 1515mm DMX RGBA Surface Mounted Wide Beam 45°
P02024094 Leoline® S12 1515mm DMX RGBA Surface Mounted Very Wide Beam 60°
P02024096 Leoline® S12 1515mm DMX RGBA Surface Mounted Asymmetric Beam 35°+15°



Leoline® S12 DW Series Fixtures

P02020121 Leoline® S12 315mm DMX DW Surface Mounted Narrow Beam 15°
P02020122 Leoline® S12 315mm DMX DW Surface Mounted Medium Beam 30°
P02020123 Leoline® S12 315mm DMX DW Surface Mounted Wide Beam 45°
P02020124 Leoline® S12 315mm DMX DW Surface Mounted Very Wide Beam 60°
P02020126 Leoline® S12 315mm DMX DW Surface Mounted Asymmetric Beam 35°+15°

P02021121 Leoline® S12 615mm DMX DW Surface Mounted Narrow Beam 15°
P02021122 Leoline® S12 615mm DMX DW Surface Mounted Medium Beam 30°
P02021123 Leoline® S12 615mm DMX DW Surface Mounted Wide Beam 45°
P02021124 Leoline® S12 615mm DMX DW Surface Mounted Very Wide Beam 60°
P02021126 Leoline® S12 615mm DMX DW Surface Mounted Asymmetric Beam 35°+15°

P02022121 Leoline® S12 915mm DMX DW Surface Mounted Narrow Beam 15°
P02022122 Leoline® S12 915mm DMX DW Surface Mounted Medium Beam 30°
P02022123 Leoline® S12 915mm DMX DW Surface Mounted Wide Beam 45°
P02022124 Leoline® S12 915mm DMX DW Surface Mounted Very Wide Beam 60°
P02022126 Leoline® S12 915mm DMX DW Surface Mounted Asymmetric Beam 35°+15°

P02023121 Leoline® S12 1215mm DMX DW Surface Mounted Narrow Beam 15°
P02023122 Leoline® S12 1215mm DMX DW Surface Mounted Medium Beam 30°
P02023123 Leoline® S12 1215mm DMX DW Surface Mounted Wide Beam 45°
P02023124 Leoline® S12 1215mm DMX DW Surface Mounted Very Wide Beam 60°
P02023126 Leoline® S12 1215mm DMX DW Surface Mounted Asymmetric Beam 35°+15°

P02024121 Leoline® S12 1515mm DMX DW Surface Mounted Narrow Beam 15°
P02024122 Leoline® S12 1515mm DMX DW Surface Mounted Medium Beam 30°
P02024123 Leoline® S12 1515mm DMX DW Surface Mounted Wide Beam 45°
P02024124 Leoline® S12 1515mm DMX DW Surface Mounted Very Wide Beam 60°
P02024126 Leoline® S12 1515mm DMX DW Surface Mounted Asymmetric Beam 35°+15°

Leoline® S12 Series

Accessories, Cables, Power/Data Supplies

Cables



P20202-1 Push Lock Type 2+4 Pin 1M Extension Cable
P20202-2.5 Push Lock Type 2+4 Pin 2.5M Extension Cable
P20202-5 Push Lock Type 2+4 Pin 5M Extension Cable
P20202-7.5 Push Lock Type 2+4 Pin 7.5M Extension Cable
P20202-10 Push Lock Type 2+4 Pin 10M Extension Cable
P20202-15 Push Lock Type 2+4 Pin 15M Extension Cable
P20202-20 Push Lock Type 2+4 Pin 20M Extension Cable
P20202-0.5 Push Lock Type 2+4 Pin 0.5M Extension Cable
P20202-0.75 Push Lock Type 2+4 Pin 0.75M Extension Cable
P20202-1 Push Lock Type 2+4 Pin 1M Extension Cable
P20202-1.5 Push Lock Type 2+4 Pin 1.5M Extension Cable
P20202-2 Push Lock Type 2+4 Pin 2M Extension Cable
P20202-2.5 Push Lock Type 2+4 Pin 2.5M Extension Cable
P20202-3 Push Lock Type 2+4 Pin 3M Extension Cable
P20202-3.5 Push Lock Type 2+4 Pin 3.5M Extension Cable
P20202-4 Push Lock Type 2+4 Pin 4M Extension Cable
P20202-5 Push Lock Type 2+4 Pin 5M Extension Cable
P20202-7.5 Push Lock Type 2+4 Pin 7.5M Extension Cable
P20202-10 Push Lock Type 2+4 Pin 10M Extension Cable
P20202-15 Push Lock Type 2+4 Pin 15M Extension Cable
P20202-20 Push Lock Type 2+4 Pin 20M Extension Cable

Power/Data Supplies



P08002 Power Pack 320 320W 2 Outputs Power Supply
P08003 Power Pack 500 500W 2 Outputs Power Supply
P08004 Power Pack 1000 1000W 8 Outputs Power Supply
P08013 Power Pack 2000 2000W 8 Outputs Power Supply

Leoline® S12 Series

DIMENSIONS

Accessories



P20056 Leoline® S12 Series Dark Light Louver



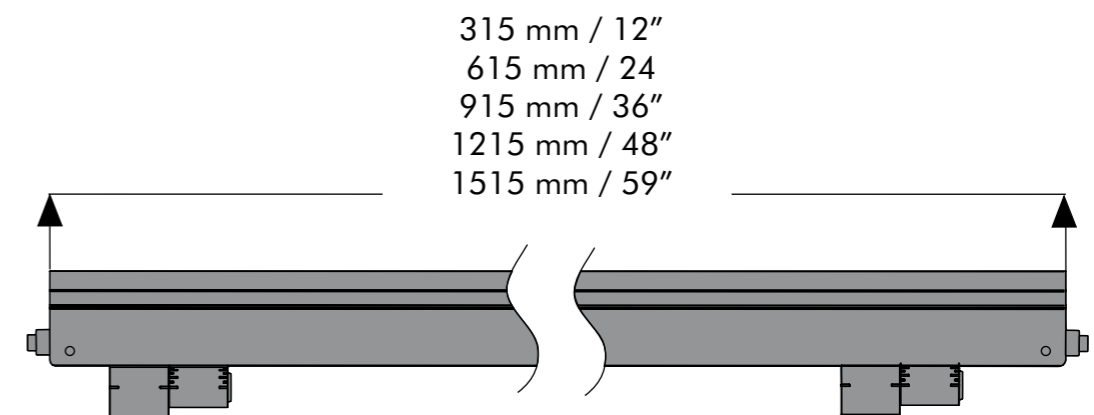
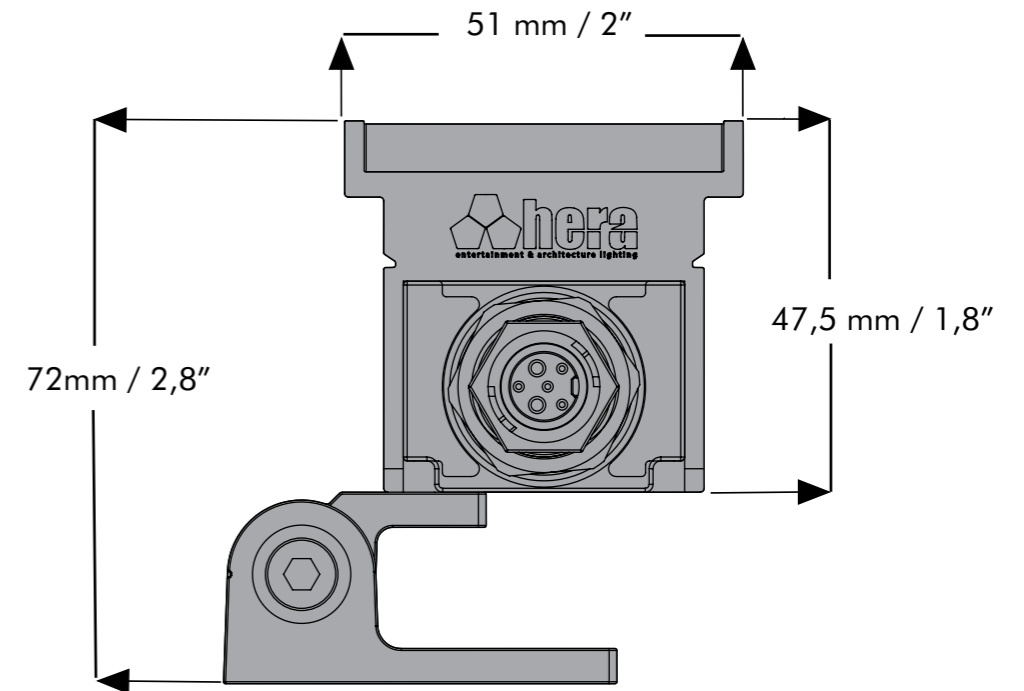
P20057 Leoline® S Series 315mm Glare Shield



- P20057 Leoline® S Series 315mm Glare Shield
- P20058 Leoline® S Series 615mm Glare Shield
- P20059 Leoline® S Series 915mm Glare Shield
- P20060 Leoline® S Series 1215mm Glare Shield
- P20061 Leoline® S Series 1515mm Glare Shield



P20203 2+4 Pin Female Plug Cap



Leoline® S12 RGB Series

Specification

Specifications	315mm	615mm	915mm	1215mm	1515mm
Output					
Light Source:	12 High Power LEDs per foot (4x Red, 4x Green, 4x Blue)				
LED Pitch:	25mm				
Lumen Maintenance:	60.000 > hours L70 @ 50° C (full output)				
Color Range:	16.7 Million additive RGB colors				
Beam Angle:	15° / 30° / 45° / 60° / 35°+15°				
	*The lens options above are produced as standard. Please contact us for special beam angles.				
Luminous Flux:	369 lm	738 lm	1107lm	1477 lm	1846 lm
Luminous Intensity:	5226 cd	10453 cd	15679 cd	20905 cd	26132 cd
Efficacy (lm/W):	24,1 lm/W				
	*The values above are measured data in RGB "Full ON" mode and using a 15° lens. Please see IES/LTD files and photometric measurements for different lens beam angles.				
	*Photometric performance is measured in compliance with IESNA LM 79-08				
	*The dynamic power-boost feature enables the light to display the maximum brightness at all times and intensify non-white colors.				
Control & Programming					
Pixel Pitch:	Pixel pitch is configurable via RDM, max 1pixel/foot				
Color Resolution:	3 x 14-bit (Gamma correction)				
Addressing:	RDM (Group of Remote Addressable Systems)				
Monitoring:	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring				
PWM Frequency:	1,600Hz flicker free dimming to 0.1%				
DMX Compliance:	USITT DMX512-1990				
RDM Compliance:	ANSI/ESTA E1.20-2010				
Electrical					
Operating Voltage:	48VDC				
Power Consumption:	16 W	31,5 W	46 W	62 W	78 W
Maximum in Chain:	51,1 W/m Maximum at full output, steady state				
Connections:	Max 9 meters Push Lock Type 2+4 Pin Waterproof Connector				
Physical					
Housing:	Extruded Aluminium				
Front Material:	Clear Tempered Glass				
End Cap Material:	Integrated Body				
Installation Brackets:	Die-Cast Zinc 10° Multi-positional, locking hinges				
Hardware:	Stainless Steel				
Gasket:	Silicone				
Surface Finish:	Clear Anodized (standard) or Custom Any Anodized (optional)				
Measurements:					
Weight:	1,1Kg (2,4lb)	2,3Kg (5,1lb)	3,4Kg (7,4lb)	4,2Kg (9,2lb)	5,3Kg (11,5lb)
Dimensions:	47,5x51x315mm	47,5x51x615mm	47,5x51x915mm	47,5x51x1215mm	47,5x51x1515mm
(H x W x D)	2x1,9x12,4in	2x1,9x24in	2x1,9x36in	2x1,9x48in	2x1,9x59in
Environmental					
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)				
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)				
Operating Temperature:	-40°C - 50°C - (-40°F - 122°F)				
Thermal Protection:	Automatic overtemperature protection				
Cooling:	Cooling by free air convection				
Vibration Resistance:	Complies with ASTM B117 standard only painted models				
Corrosion Resistance:	Complies with ASTM B117 standard				
Ingress Protection Rating:	IP67				
Impact Resistance Rating:	IK09				
Humidity (max.):	0 to 98%, non-condensing				
Certification					
EU Safety:	EN 60598-1, EN 60598-2-5, EN 60598-2-13, EN 62471, EN 60529, EN 62262				
EU EMC:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11				
US Safety:	UL 1598				
US EMC:	FCC Part 15 Class A				
Warranty:	5-year Limited Warranty				

Leoline® S12 RGBW Series

Specification

Specifications	315mm	615mm	915mm	1215mm	1515mm
Output					
Light Source:	12 High Power LEDs per foot (3x Red, 3x Green, 3x Blue, 3x White)				
LED Pitch:	25mm				
Lumen Maintenance:	60.000 > hours L70 @ 50° C (full output)				
Color Range:	16.7 Million additive RGB colors, white CCT 6500K				
Ra(CRI):	Cool White 72CRI				
Beam Angle:	15° / 30° / 45° / 60° / 35°+15°				
	*The lens options above are produced as standard. Please contact us for special beam angles.				
Luminous Flux:	514lm	1027lm	1541lm	2054lm	2568lm
Luminous Intensity:	5515 cd	11030 cd	16545 cd	22060 cd	27575 cd
Efficacy (lm/W):	32,6 lm/W				
	*The values above are measured data in RGBW "Full ON" mode and using a 15° lens. Please see IES/LTD files and photometric measurements for different lens beam angles.				
	*Photometric performance is measured in compliance with IESNA LM 79-08				
	*The dynamic power-boost feature enables the light to display the maximum brightness at all times and intensify non-white colors.				
Control & Programming					
Pixel Pitch:	Pixel pitch is configurable via RDM, max 1pixel/foot				
Color Resolution:	4 x 14-bit (Gamma correction)				
Addressing:	RDM (Group of Remote Addressable Systems)				
Monitoring:	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring				
PWM Frequency:	1,600Hz flicker free dimming to 0.1%				
DMX Compliance:	USITT DMX512-1990				
RDM Compliance:	ANSI/ESTA E1.20-2010				
Electrical					
Operating Voltage:	48VDC				
Power Consumption:	17,5 W	33,5 W	49,5 W	66,5 W	82 W
Maximum in Chain:	55 W/m Maximum at full output, steady state				
Connections:	Max 9 meters Push Lock Type 2+4 Pin Waterproof Connector				
Physical					
Housing:	Push Lock Type 2+4 Pin Waterproof Connector				
Front Material:	Clear Tempered Glass				
End Cap Material:	Integrated Body				
Installation Brackets:	Die-Cast Zinc 10° Multi-positional, locking hinges				
Hardware:	Stainless Steel				
Gasket:	Silicone				
Surface Finish:	Clear Anodized (standard) or Custom Any Anodized (optional)				
Measurements:					
Weight:	1,1Kg (2,4lb)	2,3Kg (5,1lb)	3,4Kg (7,4lb)	4,2Kg (9,2lb)	5,3Kg (11,5lb)
Dimensions:	47,5x51x315mm	47,5x51x615mm	47,5x51x915mm	47,5x51x1215mm	47,5x51x1515mm
(H x W x D)	2x1,9x12,4in	2x1,9x24in	2x1,9x36in	2x1,9x48in	2x1,9x59in
Environmental					
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)				
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)				
Operating Temperature:	-40°C - 50°C - (-40°F - 122°F)				
Thermal Protection:	Automatic over temperature protection				
Cooling:	Cooling by free air convection				
Vibration Resistance:	Complies with ASTM B117 standard only painted models				
Corrosion Resistance:	Complies with ASTM B117 standard				
Ingress Protection Rating:	IP67				
Impact Resistance Rating:	IK09				
Humidity (max.):	0 to 98%, non-condensing				
Certification					
EU Safety:	EN 60598-1, EN 60598-2-5, EN 62471, EN 60529, EN 62262				
EU EMC:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11				
US Safety:	UL 1598				
US EMC:	FCC Part 15 Class A				
Warranty:	5-year Limited Warranty				

Leoline® S12 RGBA Series

Specification

Specifications	315mm	615mm	915mm	1215mm	1515mm
Output					
Light Source:	12 High Power LEDs per foot (3x Red, 3x Green, 3x Blue, 3x Amber)				
LED Pitch:	25mm				
Lumen Maintenance:	60.000 > hours L70 @ 50° C (full output)				
Color Range:	4,29 Billion additive RGBA colors				
Beam Angle:	15° / 30° / 45° / 60° / 35°+15°				
	*The lens options above are produced as standard. Please contact us for special beam angles.				
Luminous Flux:	370 lm	741 lm	1111lm	1482 lm	1852 lm
Luminous Intensity:	5285 cd	10571 cd	15856 cd	21141 cd	26427 cd
Efficacy (lm/W):	24,2 lm/W				
	*The values above are measured data in RGBA "Full ON" mode and using a 15° lens. Please see IES/LTD files and photometric measurements for different lens beam angles.				
	*Photometric performance is measured in compliance with IESNA LM 79-08				
	*The dynamic power-boost feature enables the light to display the maximum brightness at all times and intensify non-white colors.				
Control & Programming					
Pixel Pitch:	Pixel pitch is configurable via RDM, max 1pixel/foot				
Color Resolution:	4 x 14-bit (Gamma correction)				
Addressing:	RDM (Group of Remote Addressable Systems)				
Monitoring:	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring				
PWM Frequency:	1,600Hz flicker free dimming to 0.1%				
DMX Compliance:	USITT DMX512-1990				
RDM Compliance:	ANSI/ESTA E1.20-2010				
Electrical					
Operating Voltage:	48VDC				
Power Consumption:	16 W	31,5 W	47 W	62,5 W	78 W
Maximum in Chain:	52,2 W/m Maximum at full output, steady state				
Connections:	Max 9 meters Push Lock Type 2+4 Pin Waterproof Connector				
Physical					
Housing:	Extruded Aluminium				
Front Material:	Clear Tempered Glass				
End Cap Material:	Integrated Body				
Installation Brackets:	Die-Cast Zinc 10° Multi-positional, locking hinges				
Hardware:	Stainless Steel				
Gasket:	Silicone				
Surface Finish:	Clear Anodized (standard) or Custom Any Anodized (optional)				
Measurements:					
Weight:	1,1Kg (2,4lb)	2,3Kg (5,1lb)	3,4Kg (7,4lb)	4,2Kg (9,2lb)	5,3Kg (11,5lb)
Dimensions: (H x W x D)	47,5x51x315mm 2x1,9x12,4in	47,5x51x615mm 2x1,9x24in	47,5x51x915mm 2x1,9x36in	47,5x51x1215mm 2x1,9x48in	47,5x51x1515mm 2x1,9x59in
Environmental					
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)				
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)				
Operating Temperature:	-40°C - 50°C - (-40°F - 122°F)				
Thermal Protection:	Automatic over temperature protection				
Cooling:	Cooling by free air convection				
Vibration Resistance:	Complies with ASTM B117 standard only painted models				
Corrosion Resistance:	Complies with ASTM B117 standard				
Ingress Protection Rating:	IP67				
Impact Resistance Rating:	IK09				
Humidity (max.):	0 to 98%, non-condensing				
Certification					
EU Safety:	EN 60598-1, EN 60598-2-5, EN 62471, EN 60529, EN 62262				
EU EMC:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11				
US Safety:	UL 1598				
US EMC:	FCC Part 15 Class A				
Warranty:	5-year Limited Warranty				

Leoline® S12 DW Series

Specification

Specifications	315mm	615mm	915mm	1215mm	1515mm
Output					
Light Source:	12 High Power LEDs per foot (6x 2700K, 6x 6500K)				
LED Pitch:	25mm				
Lumen Maintenance:	60.000 > hours L70 @ 50° C (full output)				
Color Range:	Color temperatures ranging from 2700 K to 6500 K				
Ra(CRI):	DW Full on 74CRI				
Beam Angle:	15° / 30° / 45° / 60° / 35°+15°				
	*The lens options above are produced as standard. Please contact us for special beam angles.				
Luminous Flux:	1030 lm	2060 lm	3091lm	4121 lm	5151 lm
Luminous Intensity:	6980 cd	13959 cd	20939 cd	27919 cd	34898 cd
Efficacy (lm/W):	70,9 lm/W				
	*The values above are measured data in DW "Full ON" mode and using a 15° lens. Please see IES/LTD files and photometric measurements for different lens beam angles.				
	*Photometric performance is measured in compliance with IESNA LM 79-08				
	*The dynamic power-boost feature enables the light to display the maximum brightness at all times and intensify.				
Control & Programming					
Pixel Pitch:	Pixel pitch is configurable via RDM, max 1pixel/foot				
Color Resolution:	2 x 14-bit (Gamma correction)				
Addressing:	RDM (Group of Remote Addressable Systems)				
Monitoring:	Voltage Monitoring, Temperature Monitoring, Status Monitoring, Power Cycle Monitoring, Lumen-Maintenance Life Monitoring				
PWM Frequency:	1,600Hz flicker free dimming to 0.1%				
DMX Compliance:	USITT DMX512-1990				
RDM Compliance:	ANSI/ESTA E1.20-2010				
Electrical					
Operating Voltage:	48VDC				
Power Consumption:	15 W	30 W	45 W	60 W	75 W
Maximum in Chain:	50 W/m Maximum at full output, steady state				
Connections:	Max 9 meters Push Lock Type 2+4 Pin Waterproof Connector				
Physical					
Housing:	Extruded Aluminium				
Front Material:	Clear Tempered Glass				
End Cap Material:	Integrated Body				
Installation Brackets:	Die-Cast Zinc 10° Multi-positional, locking hinges				
Hardware:	Stainless Steel				
Gasket:	Silicone				
Surface Finish:	Clear Anodized (standard) or Custom Any Anodized (optional)				
Measurements:					
Weight:	1,1Kg (2,4lb)	2,3Kg (5,1lb)	3,4Kg (7,4lb)	4,2Kg (9,2lb)	5,3Kg (11,5lb)
Dimensions: (H x W x D)	47,5x51x315mm 2x1,9x12,4in	47,5x51x615mm 2x1,9x24in	47,5x51x915mm 2x1,9x36in	47,5x51x1215mm 2x1,9x48in	47,5x51x1515mm 2x1,9x59in
Environmental					
Storage Temperature:	-40°C - 85°C - (-40°F - 185°F)				
Start-up Temperature:	-25°C - 50°C - (-13°F - 122°F)				
Operating Temperature:	-40°C - 50°C - (-40°F - 122°F)				
Thermal Protection:	Automatic over temperature protection				
Cooling:	Cooling by free air convection				
Vibration Resistance:	Complies with ASTM B117 standard only painted models				
Corrosion Resistance:	Complies with ASTM B117 standard				
Ingress Protection Rating:	IP67				
Impact Resistance Rating:	IK09				
Humidity (max.):	0 to 98%, non-condensing				
Certification					
EU Safety:	EN 60598-1, EN 60598-2-5, EN 60598-2-13, EN 62471, EN 60529, EN 62262				
EU EMC:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11				
US Safety:	UL 1598				
US EMC:	FCC Part 15 Class A				
Warranty:	5-year Limited Warranty				

Reference Name: Delphin Botanik
Location: Alanya / Turkey
Date: 2012

Delphin Botanik Exclusive Resort forms a bridge between blue and green. In this premise, you can witness dance of all colors, from day to night. Delphin Botanik Resort Hotel, which has become a popular place for vacation, is waiting for you with its all glory and its new appearance in Antalya. If you ever enter this glittering world, you will meet our innovative product lines used within this high-end, high-tech hotel project.





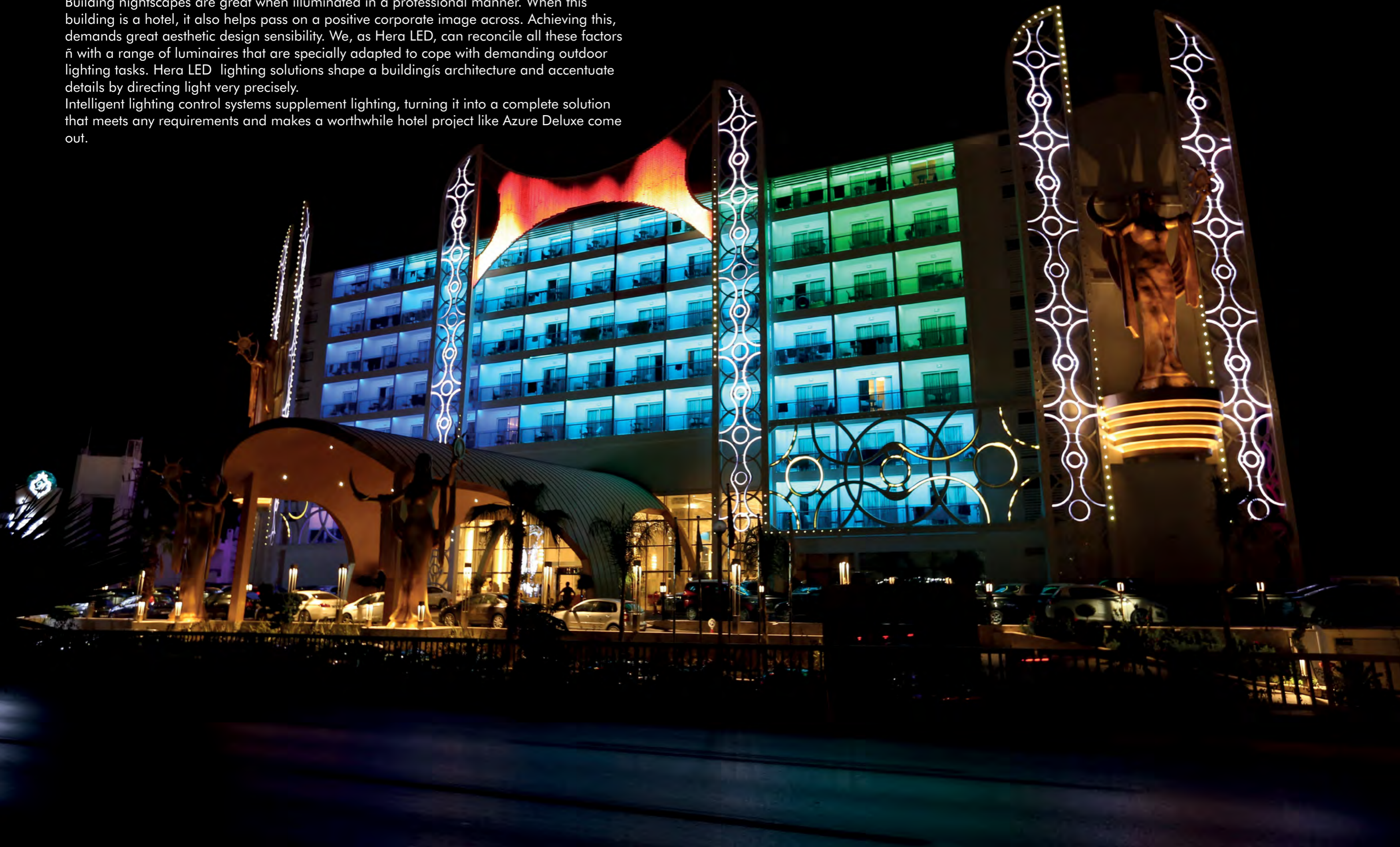
Reference Name: Sensitive Hotel
Location: Antalya / Turkey
Date: 2015

Facade lighting conveys messages, communicates emotions and creates attention. Contemporary lighting solutions for hotel building facades need to create added value or have an economic merit by making a location more beautiful and safer, showing the hotel building off in the right light.

Our facade lighting solution at Sensitive Hotel is a complete solution that meets any requirements from discreetly illuminated hotel areas to hotel facades that carry media messages

Reference Name: Azura Delux Hotel
Location: Alanya / Turkey
Date: 2015

Building nightscapes are great when illuminated in a professional manner. When this building is a hotel, it also helps pass on a positive corporate image across. Achieving this, demands great aesthetic design sensibility. We, as Hera LED, can reconcile all these factors with a range of luminaires that are specially adapted to cope with demanding outdoor lighting tasks. Hera LED lighting solutions shape a building's architecture and accentuate details by directing light very precisely. Intelligent lighting control systems supplement lighting, turning it into a complete solution that meets any requirements and makes a worthwhile hotel project like Azure Deluxe come out.







HERA EĐLENCE VE MİMARİ AYDINLATMA SİSTEMLERİ A.Ş

Gullubaglar Mah. Kahramanlar Cad. No:3-1

34906 Pendik / İstanbul / Turkey

T. +90 216 307 79 00

F. +90 216 307 79 02

www.heraled.com info@heraled.com