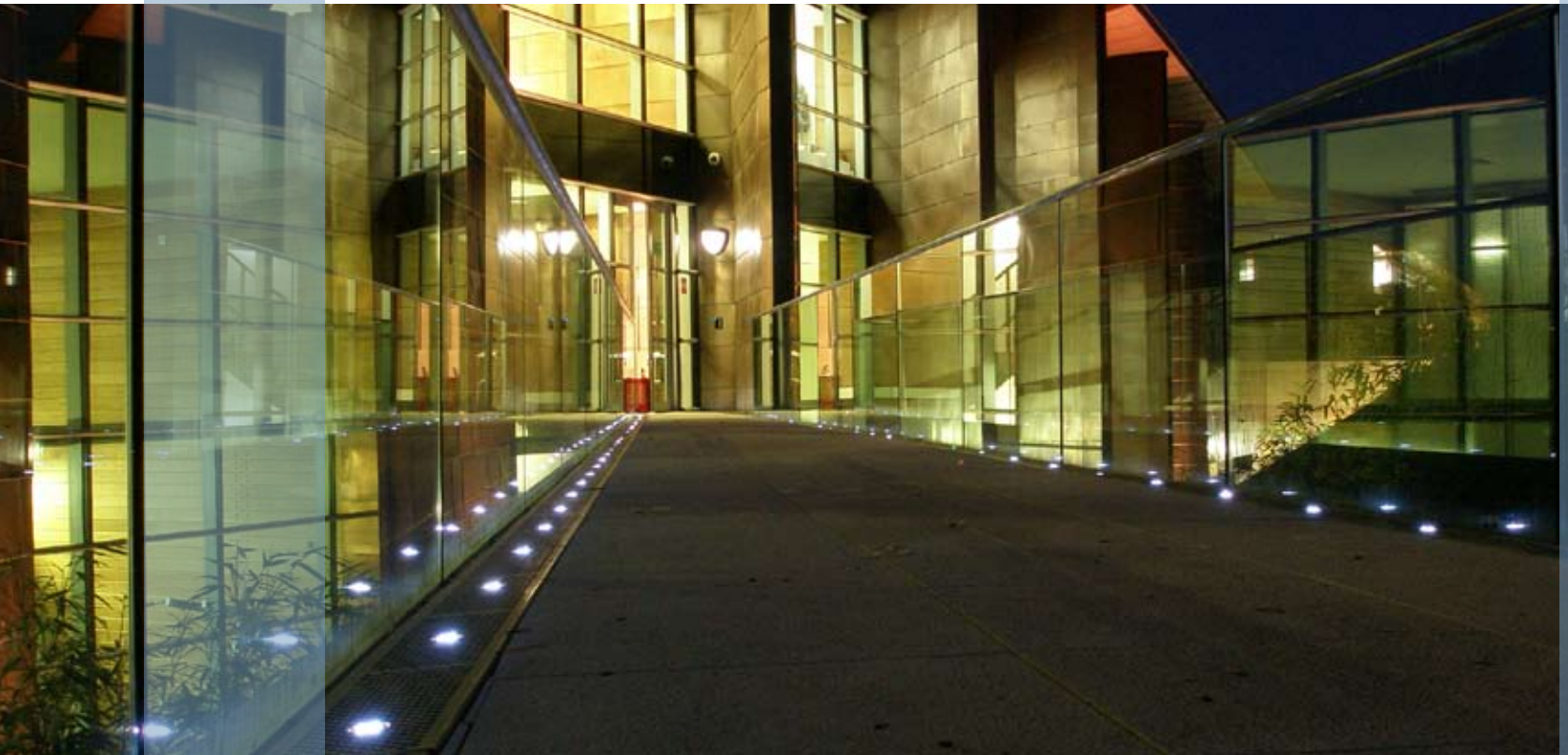


Product Portfolio



Light the way with Eyeleds®

Welcome to Lighting Science

The Future of LED Lighting, Today

Change is the only constant we can count on today - change in our markets, climate, politics, and in how we consume energy. Recent events are fundamentally transforming the paradigms about the economy, global trade and most importantly regarding climate change and consumption. These forces also contribute to an era of innovation that will transform how we heat homes, conserve water and illuminate our lives.

Lighting Science (LSG) is playing a leading role in this culture of innovation. We strive to become the global provider of intelligent, environmentally-friendly LED lighting solutions for professional and consumer applications. This dream relies on the worldwide dedication of adopting solutions that both protect the environment and conserve the world's resources.

Lighting plays an important role in our lives, from homes and hospitals to schools, offices, factories, stores and roadways. Lighting enables us to perform our daily tasks as well as tailor any environment.

We take great pride in our patented and patent-pending LED lighting solutions that are engineered to enhance lighting performance, reduce energy consumption, lower maintenance costs and eliminate the use of hazardous materials. LEDs represent a paradigm shift in lighting. At Lighting Science we want to change the way the world experiences lighting. In this brochure you will find examples of lighting solutions for architectural, commercial, and residential applications.








At Lighting Science, we like to say we offer the innovation to match your imagination. Through collaborative partnerships with industry leading partners, architects and lighting designers from all around the world, Lighting Science can engineer today's lighting projects with a greener future in mind.

Sincerely,

James Haworth

James Haworth
CEO

Table of Contents

	Floorleds	Page 4
	Multi	Page 6
	ColorEYE CS	Page 8
	ColorEYE Pro	Page 10
	PowerEYE	Page 12
	Disc Space	Page 14
	MiniBeam Beam	Page 16
	Outdoor Basic	Page 18
	Outdoor Pro	Page 20
	Outdoor Extreme	Page 22

Floorleds



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED



Stainless Steel / Blue LED

Eyeleds® Floorleds is a patented, easy to install, built-in walk-over lighting innovation based on LED technology. Floorleds are one of the first low profile, permanently installed, recessed residential and commercial LED floor lighting systems of its kind.

Floorleds provide ambient, orientation, marker and safety lighting in carpet, hardwood, laminate, (natural) stone and quartz flooring applications.

Floorleds are perfect for commercial applications such as restaurants, retail establishments, entertainment facilities, sport facilities, theatres, casinos or hotels. Floorleds function wonderfully as guide, accent or night-lights in stairways, lobbies, offices, conference rooms, walkways, elevators or at entrances or exits of buildings. The solid Eyeleds® construction is designed to withstand heavy use; walking or even driving over the lights is not a problem.

Features & Benefits

- ✓ Revolutionary design allows Floorleds to be easily installed by flooring specialists
- ✓ Floorleds are recess mounted fixtures that require a minimum floor thickness of only 7mm
- ✓ Long lifespan of up to 100.000 hours which equals 34 years, if turned on 8 hours per day
- ✓ Energy-efficient, solid state light source: round versions consume only 0.3W and square 0.6W
- ✓ Solid construction with UV resistant polycarbonate lens can withstand 285kg of walkover pressure
- ✓ The lights are cool to the touch, the lighting surface won't get hotter than 34°C
- ✓ Floorleds are available in round and square shapes and LED colors warm white, cool white or blue



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED



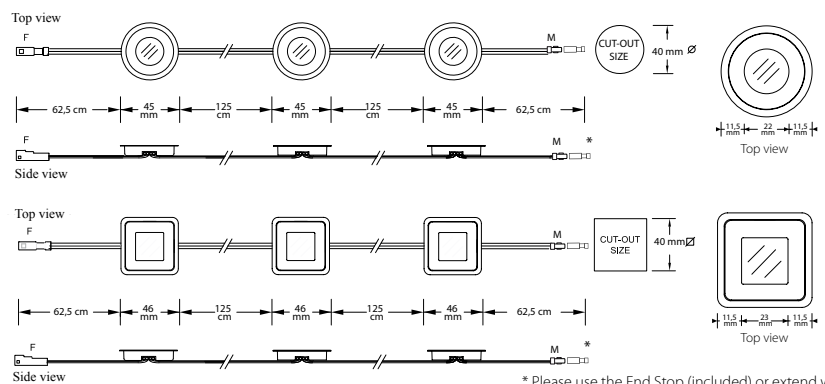
Stainless Steel / Blue LED

Specifications

Lumen Output	1.6lm (Round) 2.0lm (Square)
Power Consumption	0.3W (Round) 0.6W (Square)
Voltage	12V DC
Rated Life	Up to 100.000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Max 285kg
Surface Temperature	Max 34°C
Environment	IP67 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

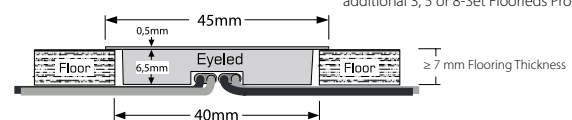
Product Configuration & Dimensions

Floorleds are available in sets of 3, 5, or 8 LED Units (3-Set Floorleds Product displayed below)



* Please use the End Stop (included) or extend with additional 3, 5 or 8-Set Floorleds Product

Install Diagram



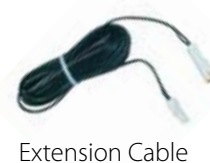
Built-In Driver 12W



Plug-In Driver 5W



T-Splitter



Extension Cable



Clamp Ring (Carpet)

Multi



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED



Stainless Steel / Blue LED



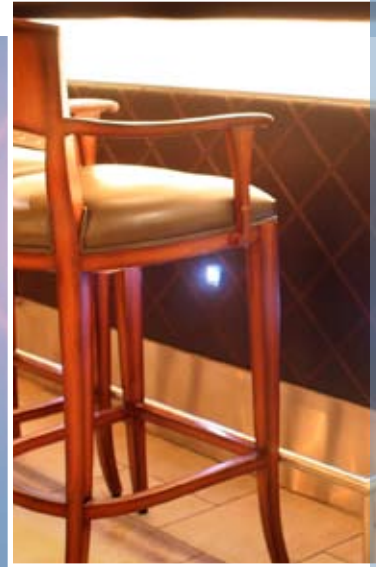
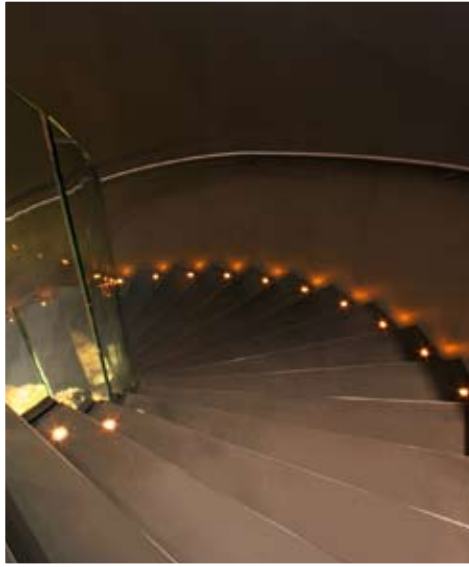
Stainless Steel / Amber LED

Eyeleds® Multi, a single, linkable version of the popular 'Floorleds' floor lighting system, features a built-in depth of just 6.5mm and offers revolutionary possibilities to be creative with light. The Eyeleds® Multi has two 80cm cables with a male and female IP67 plug connector, pre-attached.

Eyeleds® Multi can be used as interior design accents, guide or night-lights. Additionally, this system can be installed into existing flooring by accessing the floor below to link the connectors together through a basement or crawl space.

Features & Benefits

- ✓ Easy to install, recess mounted fixtures that require a minimum material thickness of only 7mm
- ✓ 100,000 hours lifespan which equals 34 years, if turned on 8 hours per day
- ✓ Energy-efficient, solid state light source (Round 0.3W, Square 0.6W)
- ✓ Solid construction with UV resistant polycarbonate lens can withstand 285kg of walkover pressure
- ✓ Cool to the touch, the lighting surface will not exceed 34°C
- ✓ Available in round and square shapes with a brushed stainless steel
- ✓ Choose from 4 LED colors: warm white, cool white, blue or amber



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED



Stainless Steel / Blue LED



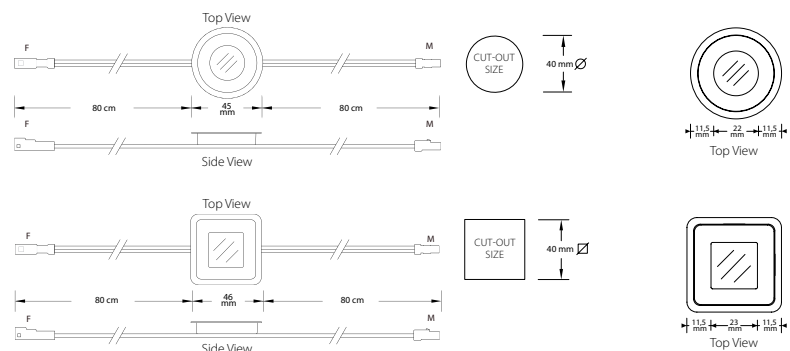
Stainless Steel / Amber LED

Specifications

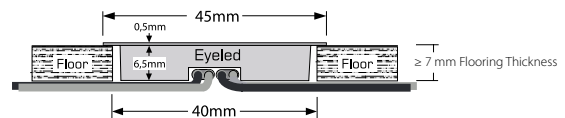
Lumen Output	1.6lm (Round) 2.0lm (Square)
Power Consumption	0.3W (Round) 0.6W (Square)
Voltage	12V DC
Rated Life	Up to 100.000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Max 285kg
Surface Temperature	Max 34°C
Environment	IP67 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

Product Configuration & Dimensions

Eyeleds® Multi is a single, linkable LED unit with two 80 cm cables and pre-attached male and female IP67 plug connectors.



Install Diagram



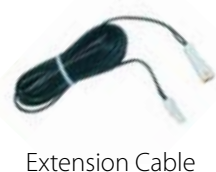
Built-In Driver 12W



Plug-In Driver 5W



T-Splitter



Extension Cable



Clamp Ring (Carpet)



End Stop

ColorEYE CS



Stainless Steel / RGB LED

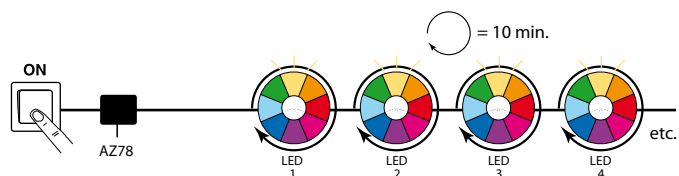


Eyeleds® ColorEYE CS ('Color Stop') is a decorative, color changing LED lighting system. The product is available single, linkable LED unit which makes ColorEYE CS suited for a vast variety of indoor applications.

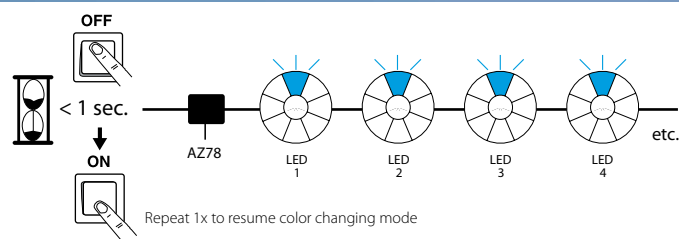
ColorEYE CS is operated by a special driver and a single, wall mounted on/off switch. The color cycle mode, starting with the color blue, runs automatically and continuously when the system is switched on. In the color cycle mode, the LED units simultaneously run for 10 minutes through the entire rainbow spectrum. Each color within the spectrum can be selected as a static color, simply by swiftly switching the system off and on. Reverting from the static color to the color cycle mode can be done, again by switching the system off and swiftly back on.

Features & Benefits:

- ✓ State of the art, decorative RGB LED lighting system
- ✓ Revolutionary low profile design allows for endless creativity in a myriad of applications
- ✓ Flush mounted LED units that require a flooring or surface thickness of only 7mm
- ✓ High quality components: UV-resistant, polycarbonate lens and a stainless steel housing
- ✓ Water-resistant lighting system that is safe around damp and wet locations (IP67)
- ✓ Long lasting, energy efficient LED technology with a power consumption of 0.42W per unit



RGB Program 1: Color Change



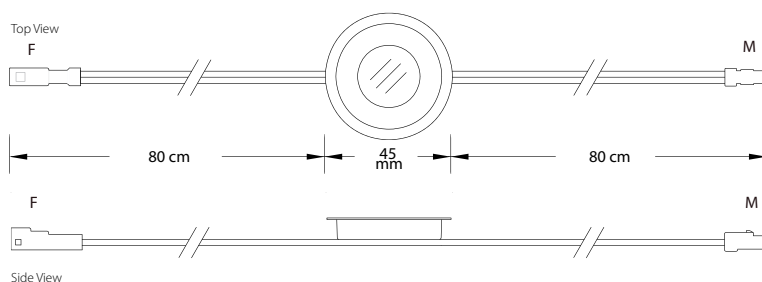
RGB Program 2: Color Stop

Specifications

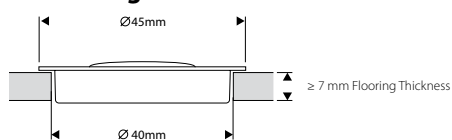
Power Consumption	0.42W
Voltage	12V DC
Rated Life	Up to 50.000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Up to 150kg
Surface Temperature	Max. 34°C
Environment	IP67 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

Product Configuration & Dimensions

ColorEYE CS is a single, linkable LED Unit with two 80cm cables with pre-attached male and female IP67 plug connectors



Install Diagram



ColorEYE Pro



ColorEYE Pro ('Programmable') is a dynamic LED lighting system, utilizing state of the art, programmable color changing RGB technology. ColorEYE Pro is available as a stand-alone system but can also be operated by advanced DMX control equipment.

The heart of a stand-alone operated ColorEYE Pro system is the wall mount control unit with a multi-functioning sequencer. The sequencer has eight buttons for customizing and storing light colors and brightness settings. Create countless new color combinations by mixing the primary colors Red, Green and Blue. In addition, the sequencer has two designs pre-installed: the 'color cycle' and 'color sweep'. The speed of these sequences be increased or decreased as desired.

For larger installations with complex light patterns and sequences, custom programmed DMX control equipment is available on request.

Features & Benefits

- ✓ Professional grade, state-of-the-art, decorative RGB LED lighting system
- ✓ Revolutionary low profile design allows for endless creativity in a myriad of applications
- ✓ Flush mounted LED units that require a flooring or surface thickness of only 7mm
- ✓ High quality components: UV-resistant, polycarbonate lens and a stainless steel housing
- ✓ Water-resistant lighting system that is safe around damp and wet locations (IP67)
- ✓ Long lasting, energy efficient LED technology with a power consumption of 0.8W per unit
- ✓ DMX compatible, enabling complex light patterns & sequences



Stainless Steel / RGB LED

I/O: On/Off and Save
R: Red - On/Off & Dim
G: Green - On/Off & Dim
B: Blue - On/Off & Dim



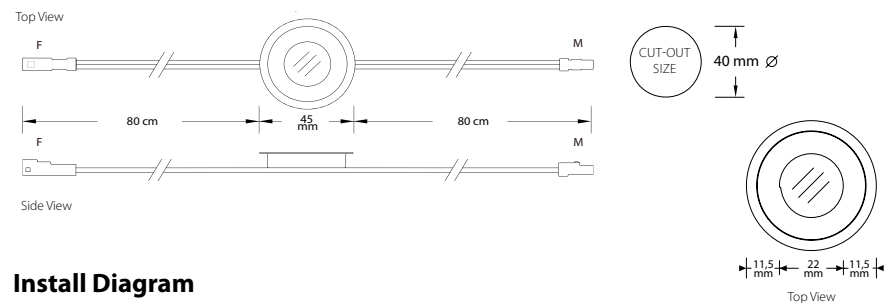
Sequence 1: Start/Stop
Sequence 2: Start/Stop
>>>: Increase Sequence Speed
<<<: Decrease Sequence Speed

Specifications

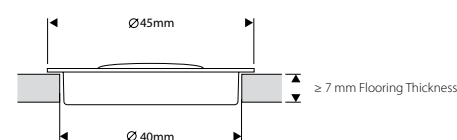
Power Consumption	0.8W
Voltage	28V DC
Rated Life	Up to 50.000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Up to 150kg
Surface Temperature	Max. 34°C
Environment	IP67 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

Product Configuration & Dimensions

ColorEYE Pro is a single, linkable LED Unit with two 80cm cables with pre-attached male and female IP67 plug connectors



Install Diagram



Clamp Ring (carpet)



Sequencer



Power Supply 27W



Splitter



Extension Cable IP20



Converter Cable



Extension Cable IP67



2-Way Repeater



5-Way Repeater

PowerEYE®



PowerEYE 360 - Stainless Steel / Cool White LED



PowerEYE 360 - Stainless Steel / Warm White LED

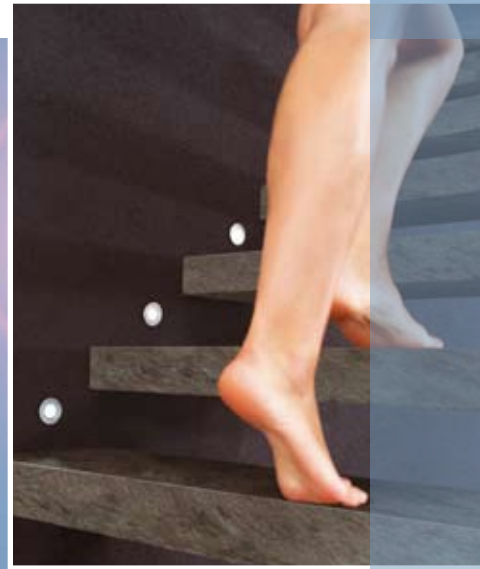
PowerEYE is a distinctly decorative, ambient lighting solution. The PowerEYE integrates high power LEDs into the ultra-thin, low-profile, Eyeleds® housing, taking the first step to advance solid-state lighting technology from being purely decorative to a true ambient light source.

The PowerEYE is available in two models, the PowerEYE 360 and PowerEYE 180. The PowerEYE 360 has a fully open lens that emits a 60° light beam, while the PowerEYE 180 has an eyelid-shaped, stainless steel lens cover that directs the light downward with a 45° light beam.

Due to its low-profile housing, the PowerEYE can be installed just about anywhere. The PowerEYE 360 is ideally suited for use in ceilings, under kitchen cabinets, display cases, book cases, recessed cubicles and more. The PowerEYE 180 creates a wall-wash effect when installed into vertical surfaces. The PowerEYE 180 can be installed into many surfaces including (natural) stone, wood, drywall, stucco, plaster and can be used virtually anywhere such as in baseboards, stair stringers and walkways.

Features & Benefits

- ✓ Powerful, functional light with a wide range of applications
- ✓ Energy saving, low power consumption light source: 12V DC, 1.5W
- ✓ Extremely long lifespan of up to 50,000 hours
- ✓ Unique lens design directs the light to where it is needed the most
- ✓ Available in Cool-White (5500K) and Warm-White (3300K) versions
- ✓ Low profile fixture that recesses 6.5mm into a 40mm diameter hole
- ✓ Cool to the touch, the temperature of the surface will not exceed 55°C



PowerEYE 180 - Stainless Steel / Cool White LED



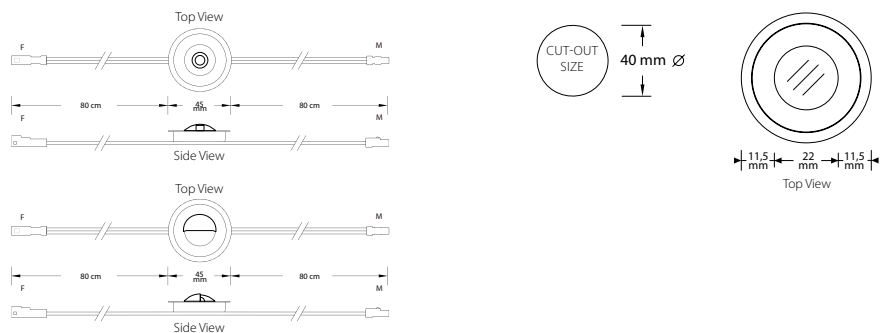
PowerEYE 180 - Stainless Steel / Warm White LED

Specifications

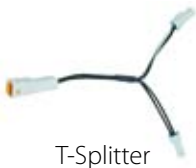
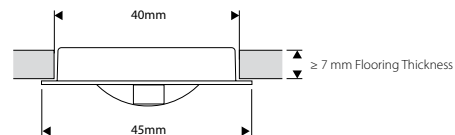
Lumen Output	23lm (PowerEYE 360 CW) 21lm (PowerEYE 360 WW) 17lm (PowerEYE 180 CW) 13lm (PowerEYE 180 WW)
Power Consumption	1.5W
Voltage	12V DC
Rated Life	Up to 50,000 Hours
Materials	Lens: Polycarbonate Fixture: Stainless Steel 316
Surface Temperature	Max 55°C
Environment	IP67 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

Product Configuration & Dimensions

PowerEYE® is a single, linkable LED unit with two 80cm cables, with pre-attached male and female IP67 plug connectors.



Install Diagram



Disc | Space



Disc - Aluminium Matte / Cool White LED



Disc - Aluminium Matte / Warm White LED

The Eyeleds® Disc and Space are powerful and universally applicable LED luminaires. These innovative products are sustainable, energy saving alternatives for traditional halogen lighting.

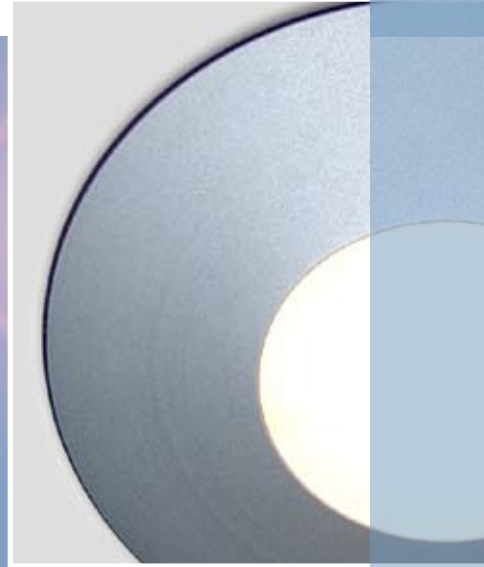
Their simple but elegant design with a matte aluminum finish gives the Disc and Space a contemporary look. State-of-the-art LED technology is enclosed with a frosted acrylic glass, giving it aesthetic appeal.

The low profile design and minimum heat dissipation make the Disc and Space perfect lighting solutions for ceilings, coves, kitchens, showcases and furniture. These luminaires operate on 11 to 30V DC, which make them also suitable for use in vehicles with 12 or 24V batteries, such as yachts, caravans or RUVs.

The Eyeleds® Disc and Space range provides illumination in residential applications and public spaces such as retail outlets, hotels, bars and restaurants.

Features & Benefits

- ✓ Low profile construction with an elegant design
- ✓ Suited for recess and surface mounting
- ✓ Light output equivalent to 10W (Disc) and 20W (Space) halogen light
- ✓ Sustainable and energy-efficient LED technology
- ✓ Wide range of DC operating voltage: 11-30V DC
- ✓ IP64 rated and suitable for bathroom use



Space - Aluminium Matte / Cool White LED

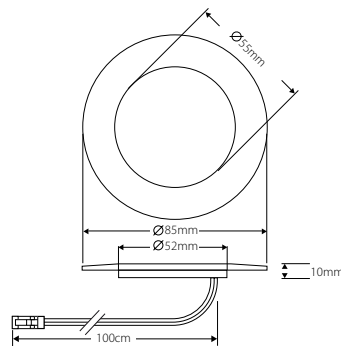


Space - Aluminium Matte / Warm White LED

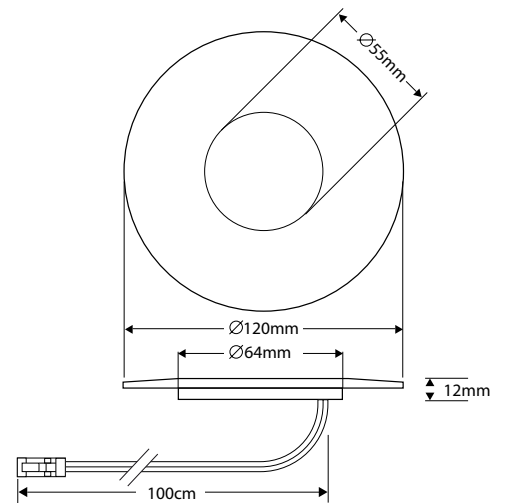
Specifications

Lumen Output	290lm (Space CW) 235lm (Space WW) 145lm (Disc CW) 110lm (Disc WW)
Power Consumption	6W (Space) 3W (Disc)
Voltage	11-30V DC
Rated Life	Up to 100.000 Hours
Materials	Lens: PC Fixture: Aluminium (Anodized)
Operating Temperature	-10°C to +40°C
Environment	IP64 / Indoor Use Only
Warranty	3 Years Limited
Standards	CE

Disc Dimensions



Space Dimensions



Driver 27W



Extension Cable



Distribution Block

MiniBeam | Beam



MiniBeam - Aluminium Matte / Cool White LED



MiniBeam - Aluminium Matte / Warm White LED

The Eyeleds® Beam and MiniBeam are remarkably compact high performance LED spotlights: the perfect accent lighting solution for highlighting paintings, plants, display cases, presentation objects or other elements of interior design. The energy saving and sustainable LED technology makes the product suited for 24/7 operation.

The range operates on 11 to 30V DC and can be connected to battery power on yachts, caravans and RUVs. These luminaires can be switched on and off individually, utilizing a push button located at the base of the fixture. In addition, the push button allows for step-free dimming and the built-in electronics 'remember' the previous dim setting after (central) off/on switching.

The Eyeleds® Beam and MiniBeam luminaire range offers state-of-the-art LED technology in an elegant miniaturized design and provides accent lighting in residential and commercial applications.

Features & Benefits

- ✓ Compact, high performance luminaires
- ✓ Light output equivalent to 10W (MiniBeam) and 20W (Beam) halogen light
- ✓ Sustainable and energy-efficient Lamina LED
- ✓ Various optics (lenses) available
- ✓ Wide range of operating voltage from 11-30V DC
- ✓ Step-free dimming and individual on/off switch



Beam - Aluminium Matte / Cool White LED

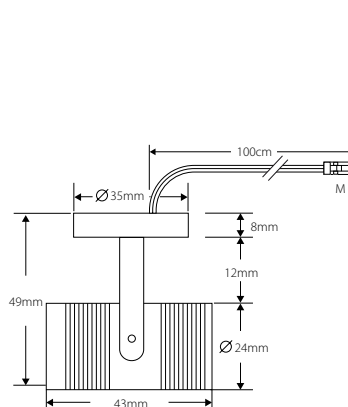


Beam - Aluminium Matte / Warm White LED

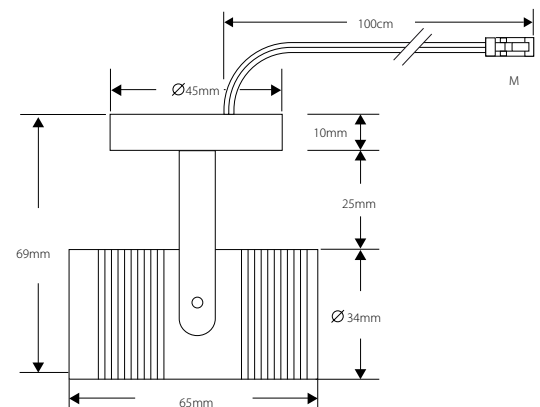
Specifications

Lumen Output	290lm (Space CW) 200lm (Beam WW) 120lm (MiniBeam CW) 90lm (MiniBeam WW)
Power Consumption	5W (Beam) 2.5W (MiniBeam)
Voltage	11-30V DC
Rated Life	Up to 100.000 Hours
Materials	Lens: PC Fixture: Aluminium (Anodized)
Operating Temperature	-10°C to +45°C
Environment	IP60 / Indoor Only
Warranty	3 Years Limited
Standards	CE

MiniBeam Dimensions



Beam Dimensions



Driver 27W



Extension Cable



Distribution Block

Outdoor Basic



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED

Eyeleds® Outdoor Basic is an innovative range of outdoor surface lighting, driven by energy efficient and long lasting LED technology. The range consists of architectural, recessed walk-over landscape lighting, and is available in the round lens style. Eyeleds® Outdoor is used as accent, orientation, marker, guide or night-lights in outdoor landscape designs, decking, pavers, tile, boat docks, piers, concrete sidewalks and driveways.

Eyeleds® Outdoor Basic, low profile LED light fixtures, install flush into most exterior surfaces. The fitting recesses into a 40mm diameter hole, drilled through the surface of the material. The fixtures are made of top quality materials and components that are resistant to corrosion and UV-radiation. The solid construction is engineered to withstand heavy use: walking or even driving over the lights is not a problem.

Features & Benefits

- ✓ Easy to install LED luminaire, designed for exterior surfaces
- ✓ Low profile fixture that recesses 27mm into a 40mm diameter hole
- ✓ Direct burial IP67 connection boxes included
- ✓ Powered by a 12V DC, short circuit protected LED driver
- ✓ Sustainable and efficient SMD-LED that consumes only 0.3W of energy
- ✓ Cool to the touch; fixtures will not get hotter than 34°C
- ✓ UV-resistant lens and marine grade stainless steel (316) fixture
- ✓ Solid "walk/drive-over" construction, designed for loads up to 2850N/285kg
- ✓ Tested for operating conditions, ranging from -35°C to +65°C
- ✓ Available in LED colors: cool white, warm white, blue & amber



Stainless Steel / Blue LED



Stainless Steel / Amber LED

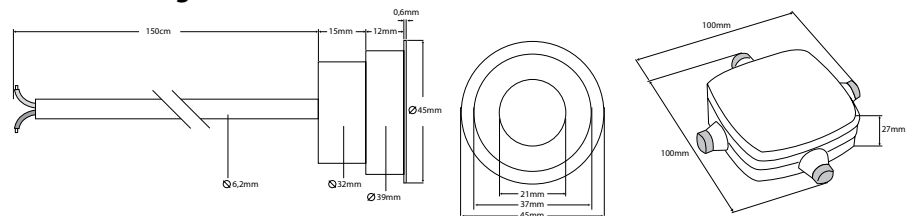
Specifications

Lumen Output	1.6lm
Power Consumption	0.3W
Voltage	12V DC
Rated Life	Up to 100.000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Max 285kg
Operating Temperature	-35°C to +65°C
Environment	IP67 Outdoor Rated

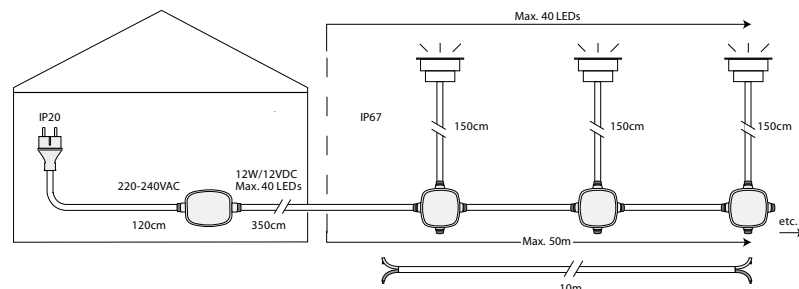
Standards



Product Configuration & Dimensions



Example Connection Diagram



Connection Box IP67 (included with LED Unit)



Power Supply 12W



Connection Cable

Outdoor Pro



Stainless Steel / Warm White LED



Stainless Steel / Cool White LED

Eyeleds® Outdoor Pro is an innovative range of plug and play outdoor surface lighting, driven by energy efficient and long lasting LED technology. The range consists of architectural, recessed walk-over landscape lighting, and is available in the round lens style. Eyeleds Outdoor® is used as accent, orientation, marker, guide or night-lights in outdoor landscape designs, decking, pavers, tile, boat docks, piers, concrete sidewalks and driveways.

Eyeleds® Outdoor Pro, low profile LED light fixtures, install flush into most exterior surfaces. The fitting recesses into a 40mm diameter hole, drilled through the surface of the material. The fixtures are made of top quality materials and components that are resistant to corrosion and UV-radiation. The solid construction is engineered to withstand heavy use: walking or even driving over the lights is not a problem.

Features & Benefits

- ✓ Easy to install LED luminaire, designed for exterior surfaces
- ✓ Low profile fixture that recesses 27mm into a 40mm diameter hole
- ✓ Plug and play system – quick and reliable IP67 connections
- ✓ Powered by a 12V DC, short circuit protected LED driver
- ✓ Sustainable and efficient SMD-LED that consumes only 0.3W of energy
- ✓ Cool to the touch; fixtures will not get hotter than 34°C
- ✓ UV-resistant lens and marine grade stainless steel (316) fixture
- ✓ Solid “walk/drive-over” construction, designed for loads up to 2850N/285kg
- ✓ Tested for operating conditions, ranging from -35°C to +65°C
- ✓ Available in LED colors: cool white, warm white, blue or amber



Stainless Steel / Blue LED



Stainless Steel / Amber LED

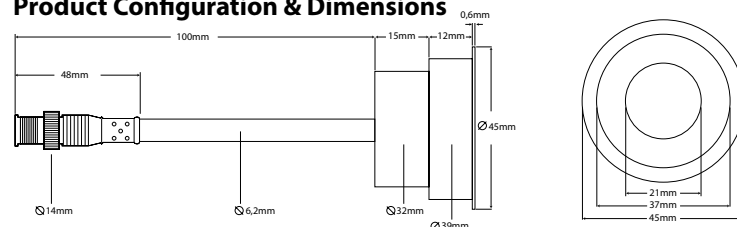
Specifications

Lumen Output	1.6lm
Power Consumption	0.3W
Voltage	12V DC
Rated Life	Up to 100,000 Hours
Materials	Lens: PC Fixture: Stainless Steel 316
Walkover Pressure	Max 285kg
Operating Temperature	-35°C to +65°C
Environment	IP67 Outdoor Rated

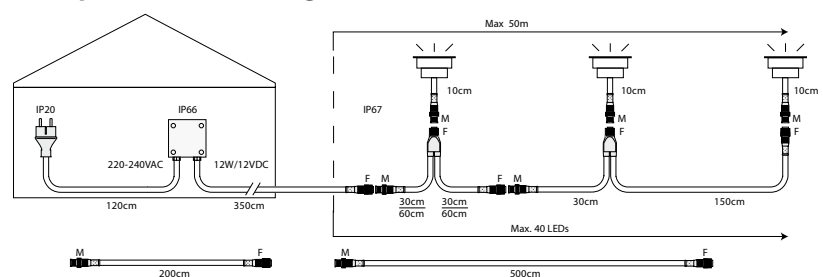
Standards



Product Configuration & Dimensions



Example Connection Diagram



Power Supply 12W



Splitter 30/150 cm



Splitter 60/60 cm



Splitter 30/30 cm



Extension Cable 200cm



Extension Cable 500cm

Outdoor Extreme



Warm White LED



Cool White LED



Blue LED

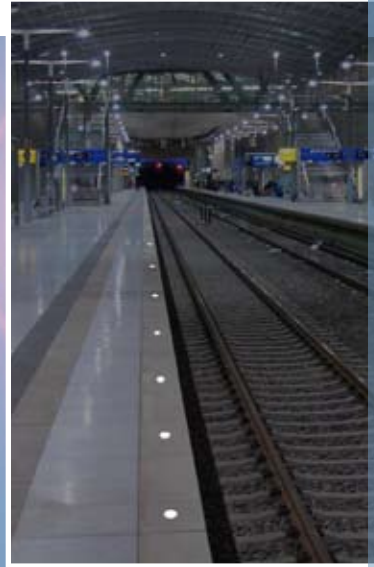
Eyeleds® Outdoor Extreme is a range of exterior recessed LED pathway lighting, designed to last in harsh environmental conditions and heavy traffic areas. Outdoor Extreme is intended for decoration, orientation, marking for guiding, and safety, in residential and public landscape designs.

The LED units are available in diffused cool white, warm white, blue monochrome light and RGB versions. The Outdoor Extreme CS RGB range offers the same color cycle and color stop features as the indoor version ColorEYE CS (page 8). The flush mounted LED unit recesses 62mm in a 60mm diameter hole in stone and pavers.

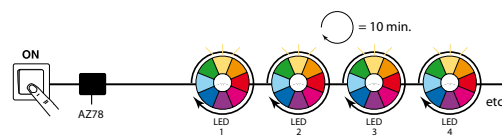
Eyeleds® Outdoor Extreme is the perfect blend of durability, functionality and aesthetics.

Features & Benefits

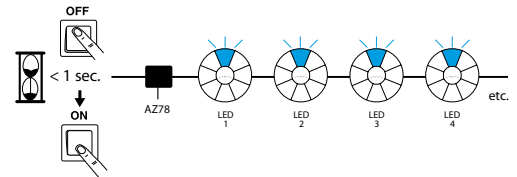
- ✓ High quality exterior LED pathway lighting
- ✓ Designed for harsh environmental conditions and heavy traffic areas
- ✓ The Ø 60mm unit installs flush into stone and pavers with a thickness of >7cm
- ✓ Quick and easy to install with a plug and play wiring system
- ✓ Solid walk/drive-over construction designed for loads up to 500kg
- ✓ Sustainable and energy efficient LED technology
- ✓ Available in monochrome colors; warm white, cool white, blue and RGB



RGB LED



RGB Program 1: Color Change



RGB Program 2: Color Stop

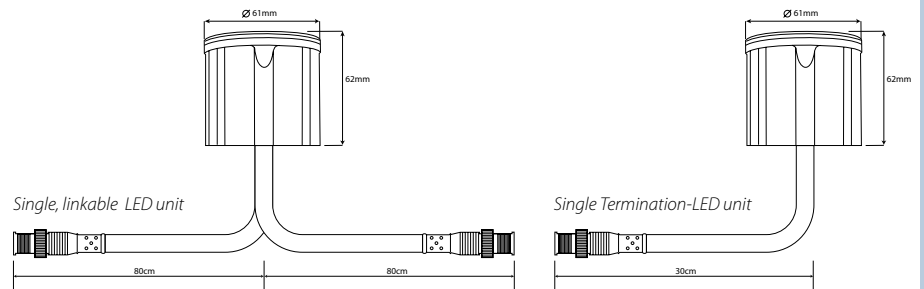
Specifications

Lumen Output	3 lm
Power Consumption	0.8W
	0.7W (RGB)
Voltage	12V DC
Rated Life	Up to 50.000 Hours
Fixture Material	UV-resistant PC
Walkover Pressure	Max 500kg
Operating Temperature	-40°C to +45°C
Environment	IP67 Outdoor Rated
Warranty	3 Years Limited

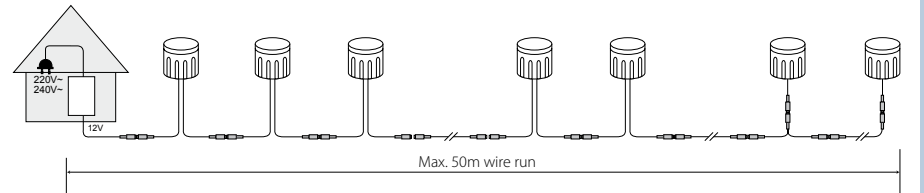
Standards



Product Configuration & Dimensions



Example Connection Diagram



Power Supply 12W



Power Supply RGB-CS 10W



Extension Cable 200cm



Extension Cable 500cm



YOUR EYELEDs® DEALER:

www.eyeleds.com

Specifications subject to change. All photos, unless indicated otherwise, are examples of applications for LSG/Eyeleds lighting.

The following are trademarks of LSG, registered in some countries:

LIGHTING SCIENCE; THE LIGHTING SCIENCE LOGO FORM; EYELEDs, THE EYELEDs LOGO FORM; FLOORLEDs; MULTI; COLOREYE CS; COLOREYE PRO; POWEREYE; DISC; SPACE; MINIBEAM; BEAM; OUTDOOR BASIC; OUTDOOR PRO; OUTDOOR EXTREME