# ROXX ®

Join the ROXXNATION

# We are **ROXX**®

## The name ROXX® came easily.

Combined with the concentrated knowledge and many years of experience, our three founders, who have been leaving their mark in the event and lighting industry for many years already, came together in 2019 to start this oustanding venture.

Product development, sales and marketing as well as the exceptional know-how and the profound rooting in the field of the professional lighting technology belong to our core competences and therefore guarantee extremely innovative and reliable pro-ducts, excellent support and professional service in every aspect.



## Designed & developed in Germany

ROXX® products are developed and designed in Germany. Always in tight consultation with our customers and experts who will eventually be working with these tools. This ensures innovative, easy-to-use and performance-oriented solutions, which provide added value for our customers.

## Made to last

Recommended for permanent outdoor use, most ROXX® products feature additional corrosion protection and enhanced IP66 equipment protection, thereby providing that crucial extra for a wider range of applications. In addition to architectural or theme park applications, even fixed installations in coastal or offshore areas with high salt exposure can be reliably implemented over long periods of time.

Picture: © Christian Hedel


Picture: © Christian Hedel


Picture: © Matthew Goodyear


Picture: © Timo Martens

# **SHOW** Series



ROXX
R.LOK®

OLED
Display

Settings
Wireless DMX
Display
Startup Mode
E.SHOW TW+

Color
Code

Bumper

## Everything under control

**Wireless DMX**

ROXX® integrates the latest Wireless DMX technology from Swedish manufacturer Lumenradio and is already using the soon to be available DMX Mesh™ technology, bringing the expertise and benefits of mesh networking to the lighting industry.

**DMX / RDM**

Via two IP65-certified 5-pole XLR sockets, the fixture can be integrated into a wired DMX line and furthermore uses via bi–directional RDM communication.

**Smart control via ROXX.APP**

The integrated Bluetooth interface enables direct control of the spotlights via ios device with ROXX.APP, without the need for additional hardware.

## Quick and easy.
## The lens change

Thanks to the specially developed and patented ROXX® R.LOK® technology, the lenses can be changed easily, quickly and without any tools. This allows the beam angle to be conveniently adjusted. The 360° slot rotation also allows the elliptical lenses to be aligned continuously.

# **SHOW** mini

**Kasalla, 2021**
E.SHOW mini

Picture: © Christian Hedel

With the SHOW mini series, ROXX® continues to fulfill the demand for very high performance, weatherproof lighting fixtures for entertainment and architectural applications, in addition to a major new addition, a battery version. The flexibility and variety of options previously offered in terms of light quality, size and accessories is now even more pronounced, giving customers that special extra bit of freedom of choice.

# **SHOW** mini



Size comparison
between SHOW & SHOW mini

ROXX® SHOW mini Series uses Single-Source-LED's that provide a very smooth, powerful light without color- or multi-shadows and with LED variations including a Tunable White and a RGB+Lime version. Circular as well as elliptical lenses can be changed easily, quickly and without any tools thanks to the specially developed and protected ROXX® R.LOK technology. A barndoor, honeycomb, softbox and anti-glare shield are available as accessories.

# **B.SHOW** mini

## Battery version

Say goodbye to cable chaos with the new standard battery fixture for ultimate flexible usage without compromise. The powerful lithium-ion battery offers incredible versatility with up to 24 hours of runtime while ensuring reliable operation by preventing overcharging and exhaustive discharge. The integrated CRMX receiver module offers the latest wireless technology from Lumenradio and the fixture is ROXX.APP ready.

| **B.SHOW mini TW+**<br>Perfect whites & brilliant colors | **B.SHOW mini FC**<br>Intense colors & variable white |
|---|---|
| Single-Source LED | Single-Source LED |
| 60W / 6-color LED | 60W / 4-color LED |
| 3.000lm luminous flux | 3.000lm luminous flux |
| CRI/Ra 97 / TLCI 98 | CCT 2.000 - 10.000K |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 170 x 273 x 230mm | 170 x 273 x 230mm |
| 6,69 x 10,75 x 9,06 inches | 6,69 x 10,75 x 9,06 inches |
| 4,85 kg / 10,69 lbs | 4,85 kg / 10,69 lbs |

# **E.SHOW** mini

## Entertainment Version

The tool for stage, trade fair, theatre or film, now even more compact. The E.SHOW mini includes two LED versions, the already familiar Tunable White (RGBALC) and Full Color. Designed for indoor and outdoor use, the luminaire is IP65 certified and made of robust die-cast aluminium. In addition to control via DMX, RDM or standalone, ROXX® integrates the wireless technology of the Swedish manufacturer Lumenradio. The integrated Bluetooth interface enables direct control via an iOS device using ROXX.APP.

| **E.SHOW mini TW+**<br>Perfect whites & brilliant colors | **E.SHOW mini FC**<br>Intense colors & variable white |
|---|---|
| Single-Source LED | Single-Source LED |
| 100W / 6-color LED | 100W / 4-color LED |
| 4.500lm luminous flux | 4.500lm luminous flux |
| CRI/Ra 97 / TLCI 98 | CCT 2.000 - 10.000K |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 170 x 273 x 230mm | 170 x 273 x 230mm |
| 6,69 x 10,75 x 9,06 inches | 6,69 x 10,75 x 9,06 inches |
| 3,92 kg / 8,64 lbs | 3,92 kg / 8,64 lbs |

# T.SHOW mini

## Tracklight Version

The new tracklight from ROXX®, the T.SHOW mini, opens up another area of application for the compact Show mini series. Without compromising on performance or optics, the small quick-change artist adapts to all wishes and facilitates mounting and operation with its completely wireless control. The built-in LumenRadio W-DMX module or direct control via the iOS app, without additional hardware, allows for incredibly smooth and wireless operation.

| T.SHOW mini TW+ Perfect whites & brilliant colors | T.SHOW mini FC Intense colors & variable white |
|---|---|
| Single-Source LED | Single-Source LED |
| 100W / 6-color LED | 100W / 4-color LED |
| 4.500lm luminous flux | 4.500lm luminous flux |
| CRI/Ra 97 / TLCI 95 | CCT 2.000 - 10.000K |
| IP20 Indoor | IP20 Indoor |
| 170 x 273 x 230mm | 170 x 273 x 230mm |
| 6,69 x 10,75 x 9,06 inches | 6,69 x 10,75 x 9,06 inches |
| 3,92 kg / 8,64 lbs | 3,92 kg / 8,64 lbs |

**Full compatibility with all Show mini accessories**

Circular as well as elliptical Micro-Fresnel lenses can be changed easily, quickly and without any tools thanks to the specially developed and protected ROXX® R.LOK technology. A barndoor, honeycomb, softbox and anti-glare shield are available as accessories and easily usable.

**Turn your E.SHOW mini or B.SHOW mini into a Tracklight with the Tracklight Kit**

The Tracklight Kit consists of the Tracklight Yoke which is easily interchangeable with the standard yoke of the E.SHOW mini or the B.SHOW mini fixture. The simple and classic Pignose screws are also included in the kit and transform the lamp into a chic tracklight with a few simple steps.
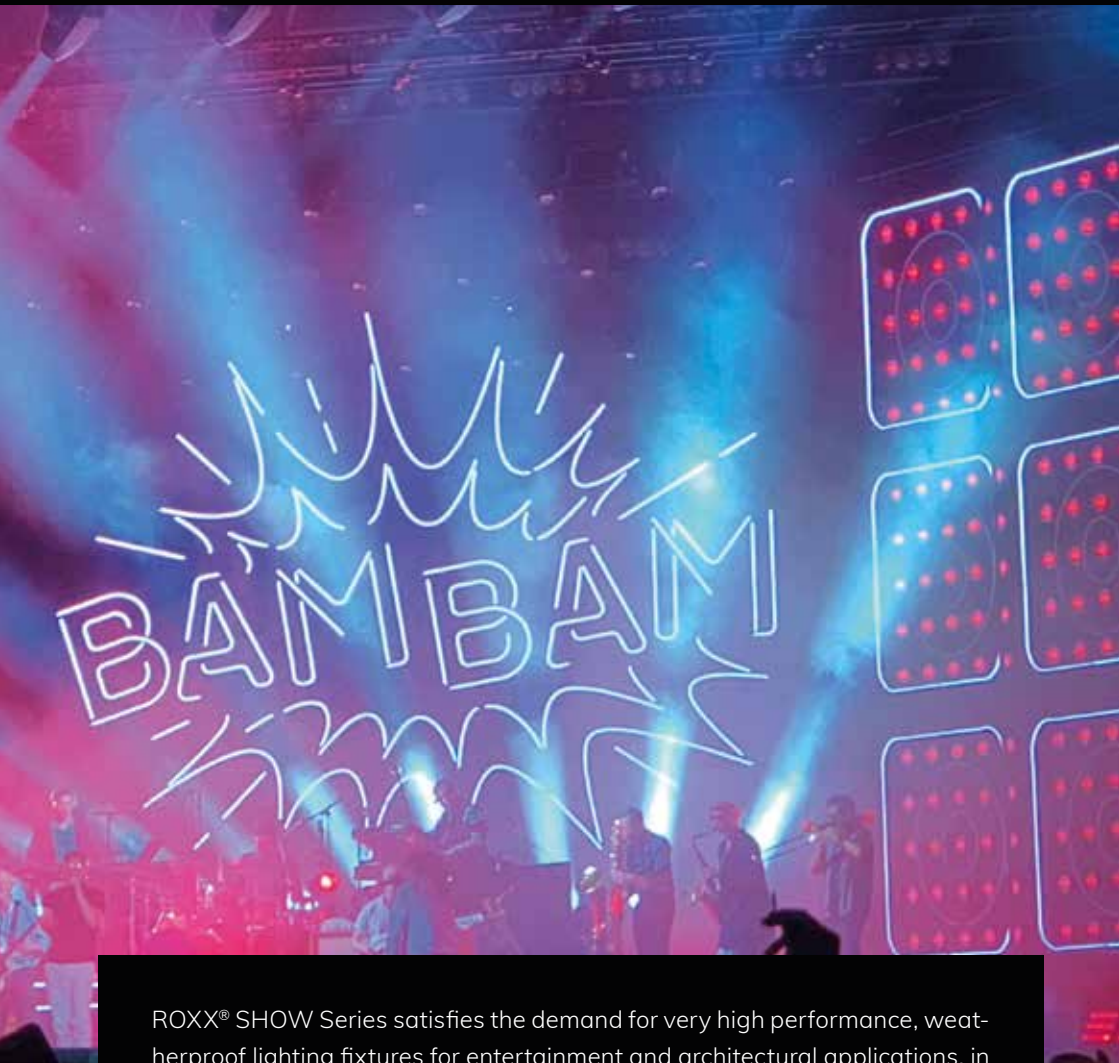
# SHOW

**Seeed, 2022**
E.SHOW FC

Picture: © Daniel García

ROXX® SHOW Series satisfies the demand for very high performance, weatherproof lighting fixtures for entertainment and architectural applications, in terms of light quality, size and range of accessories.

Picture: © Timo Martens

# Entertainment & Architectural lighting

ROXX® SHOW Series uses Single-Source-LED´s that provide a very smooth, powerful light without colour- or multi-shadow and with LED variations ranging from Tuneable White over RGB+Lime, to a pure Tungsten or Daylight version. Circular as well as elliptical lenses can be changed easily, quickly and without any tools thanks to the specially developed and protected ROXX® R.LOK® technology. This allows the beam angle to be adapted to the respective lighting situation. A barndoor, honeycomb, soft-box and anti-glare shield are available as accessories.

**ROXX® SHOW Series - the new benchmark.**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FULL COLOR | TUNGSTEN | FLICKER FREE | RDM ENABLE | WIRELESS DMX | MASTER & SLAVE | QUICKLIGHT FUNCTION | DIMMING CURVES |
| TUNABLE WHITE + | DAYLIGHT | COLOR CALIBRATION | c ETL us Intertek | STAND ALONE | DIM TO WARM | TEMPERATURE CONTROLLED FAN | FC |

# E.SHOW

## Entertainment Version

The daily tool for stage, trade show, corporate, theatre, broadcast or film. Designed both for indoor and outdoor use, the ROXX® E.SHOW series is IP65 certified and made from robust die-cast aluminium. In addition to control via DMX, RDM or standalone, ROXX® integrates the latest wireless technology from Swedish manufacturer Lumen-radio and thus already relies on the DMX Mesh™ technology. The integrated Bluetooth interface allows direct control via Apple tablet or Smartphone via unique ROXX.APP with no need for any additional hardware.

| E.SHOW TW+<br>Perfect whites & brilliant colors | E.SHOW FC<br>Intense colors & variable white |
|---|---|
| Single-Source LED | Single-Source LED |
| 200W / 6-color LED | 230W / 4-color LED |
| 9.000lm luminous flux | 9.000lm luminous flux |
| CRI/Ra 97 / TLCI 98 | CCT 2.000 - 10.000K |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 264 x 312 x 258 mm | 264 x 312 x 258 mm |
| 10,3 x 12,2 x 10,1 inches | 10,3 x 12,2 x 10,1 inches |
| 5,7 kg / 12,6lbs | 5,7 kg / 12,6lbs |

**Seeed, 2022**
E.SHOW FC

Picture: © Timo Martens

| **E.SHOW T**<br>Powerful warmwhite | **E.SHOW D**<br>Powerful daylight |
|---|---|
| 3.200K Tungsten LED | 5.600K Daylight LED |
| 200W | 200W |
| 11.000lm luminous flux | 13.500lm luminous flux |
| CRI/TLCI 98 | CRI/TLCI 98 |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 264 x 312 x 258 mm | 264 x 312 x 258 mm |
| 10,3 x 12,2 x 10,1 inches | 10,3 x 12,2 x 10,1 inches |
| 5,7 kg / 12,6lbs | 5,7 kg / 12,6lbs |

# A.SHOW

## Architectural Version

For protection against environmental influences over a long period of time, the ROXX®
A.SHOW series is IP66 certified and has an additional C5-M corrosion protection for
coastal and offshore areas, providing that crucial extra for a wider range of applica-
tions. For comfortable and individual installation of the lighting fixtures, the external
connections for power supply as well as the DMX inputs/outputs are designed as cable
bushings with PG glands and Phoenix connection blocks.

| A.SHOW  TW+<br>Perfect whites & brilliant colors | A.SHOW FC<br>Intense colors & variable white |
|---|---|
| Single-Source LED | Single-Source LED |
| 200W / 6-color LED | 230W / 4-color LED |
| 9.000lm luminous flux | 9.000lm luminous flux |
| CRI/Ra 97 / TLCI 98 | CCT 2.000 - 10.000K |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 231 x 311 x 258 mm | 231 x 311 x 258 mm |
| 9,1 x 12,2 x 10,2 inches | 9,1 x 12,2 x 10,2 inches |
| 6,1 kg (13,4lbs) | 6,1 kg (13,4lbs) |

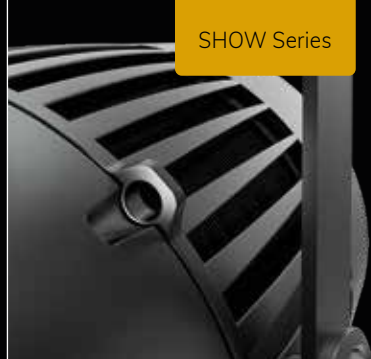| **A.SHOW T**<br>Powerful white | **A.SHOW D**<br>Powerful daylight |
|---|---|
| 3.200K Tungsten LED | 5.600K Daylight LED |
| 200W | 200W |
| 11.000lm luminous flux | 13.500lm luminous flux |
| CRI/TLCI 98 | CRI/TLCI 98 |
| IP65 In/Outdoor | IP65 In/Outdoor |
| 231 x 311 x 258 mm | 231 x 311 x 258 mm |
| 9,1 x 12,2 x 10,2 inches | 9,1 x 12,2 x 10,2 inches |
| 6,1 kg (13,4lbs) | 6,1 kg (13,4lbs) |

# **SHOW** maxx

The new SHOW maxx expands the SHOW series with a 800W luminaire with perfect whites and brilliant colors. The new fixture has an integrated accessory holder and a „one-hand lens system".
It features currentless presettings, an optimized rigging bracket, has an integrated CRMX transmit and receive function as well as being ROXX.APP ready.

| | |
|---|---|
| + | Integrated handle |
| + | Color coated lens handle |
| + | Safety-free lens system |
| + | Cable guide |
| + | One-sided tilt knob |
| + | Integrated camlocks |
| + | TV spigot holes |
| + | Tilt scale |

| E.SHOW maxx  TW+ ||
|---|---|
| Perfect whites & brilliant colors ||
| Single Source LED | IP65 In/Outdoor |
| 800W / 6-color LED | 350 x 280 x 450mm |
| Integrated accessory holder | 13,78 x 11,02 x 17,72 inches |
| CRI/Ra 97 / TLCI 95 | 13,5 kg (29,76lbs) |

# **SHOW** Series / Accessories

**E.SHOW / A.SHOW / SHOW mini**



### Safety Free Accessory Holder
A.SHOW, E.SHOW, SHOW mini
Is only placed on the luminaire when needed
and otherwise is concealed in the case.

### Barndoor
A.SHOW, E.SHOW, SHOW mini
A 360° rotatable 8-bladed barndoor is available
for optimal beam control.

### Safety Free Honeycomb
A.SHOW, E.SHOW, SHOW mini
A honeycomb filter is available to limit stray light
and lateral reflections.

### Full Anti-Glare Shield
A.SHOW, E.SHOW
Prohibits the direct view of the LED and thus
reduces glare and stray light to a minimum

### Lenses
A.SHOW, E.SHOW, SHOW mini
Circular and elliptical lenses. The 360° slot rota-
tion also allows the elliptical lenses to be aligned
continuously.

### Suspended Luminaire
E.SHOW, A.SHOW, SHOW mini
The handle is removed and the mounting
points are simply closed with the caps provided.

### DoPchoice® Snapbag
A.SHOW, E.SHOW
For an absolutely even illumination of motifs in
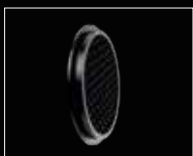camera applications.

## SHOW mini

### Tracklight Kit
E.SHOW mini, B.SHOW mini
Consists of the Tracklight Yoke and two Pignose screws to transform your fixture into a tracklight.

### Pignose Screws
E.SHOW mini, B.SHOW mini, T.SHOW mini
For a more elegant look and additional protection against unintenional adjustment of inclination.

## SHOW maxx

### Lenses
SHOW maxx
Circular and elliptical lenses. Quick installation with color coated lens handle.

### PO Yoke
SHOW maxx
Including 28mm junior pin

### Floor Extension
SHOW maxx
with the floor extension the E.SHOW maxx TW+ can also be used as floor application

### Safety Free Barndoor
SHOW maxx
A 360° rotatable 8-bladed barndoor is available for optimal beam control.

### Safety Free Honeycomb
SHOW maxx
A honeycomb filter is available to limit stray light and lateral reflections.

### Available for all products of the SHOW Series
Cases and Omega brackets

# **FLEX** Series

Picture: © Svertsøn Design

One central high power LED, in combination with twentyfour ultra-bright SMD LEDs create amazing, bi-color effects in wall-wash and deco-light application. One central high-power LED, in combination with twenty-four ultra-bright SMD LEDs create amazing, bi-color effects in wall-wash and deco-light applications.

**Battery Operated for 100% Flexibility**
Long-life, powerful lithium-ion battery guarantees reliable operation up to 24 hours runtime and 100% flexibility on any event. The integrated Battery Management System prevents overcharging and exhaustive discharge. An additional charging setup protects the battery during longer storage and thus ensures a longer service life.

# FLEX Series

**ROXX® specially developed Dual-Bayonet-System**

Due to our special designed dual-bayonet system all our one-size accessories like holographic filters, glare-shields or creative adaptors such as FLEX Light Tubes and HAT can be combined and fit tool-free to all FLEX models.



External Bayonet for accessories

Internal Bayonet for lenses

**Halo EFX Engine**

One central high power LED, in combination with twentyfour ultra-bright SMD LEDs create amazing, bi-color effects in wall-wash and deco-light application. Due to its single pixel control, ROXX® HALO EFX engine allows advanced and creative effect possibilities and a stunning eye-candy look. The versatile tool for wall-wash, bi-color and pixel effects. The individual LED′s can be controlled by any DMX source, or by using our internal preprogrammed Macro patterns and chasers.

## Ingenious 2in1, fan-free cooling system for a clean and unique design

The specially designed Copper Heat pipe cooling system of the FLEX Series is a highly thermally conductive heat pipe with a special capillary structure and liquid inside. The liquid absorbs the heat generated by the LED, heats up and migrates in vapor form to the other end of the heat pipe, where it cools down again due to the low temperature prevailing there and thus condenses. This continuous cycle creates a kind of water cooling, which gives the FLEX Series a silent and at the same time very effective and efficient heat dissipation.



## Diffusors

Thanks to the inner bayonet, filters can be changes easily, from native 3° to circular 5°, 10°, 20°, and elliptical 5°x20° or 5°x30°.

# **FLEX** Series

**Light Tubes**

The 6 different sized, white light tubes can be attached to the FLEX series, creating stunning deco effects. Combining the two light sources will create spectacular fading colors or fire effects, due to the different radiation angles. Also, the combination of different tube lengths allows lighting designers a lot of creativity.

**PRO AV AWARD, 2022**
FLEX Serie, FLEX HAT

Picture: © Manfred H. Vogel

## FLEX HAT

The perfect accessory for Gala dinner table or glare free outdoor light applications. Due to it's special designed reflector the light- throwing diameter reaches around 2m, ideal for table illumination while showing a nice deco effect at the same time, due to the mix between reflections and shadings.

*„The high-quality appearance of the „HAT" allows me to use the luminaires in close proximity to the audience and therefore include the spectator even more closely in the action and let them become part of the light show."*

*Flo Erdmann ,
Freelance lightdesigner*

# **FLEX** Series



| **B.FLEX** | **B.FLEX mini** |
|---|---|
| Battery Operated | Battery Operated |
| 40W RGBL Spotlight | 15W RGBL Spotlight |
| Color: Black & silver | Color: Black & silver |
| ROXX.APP ready | ROXX.APP ready |
| IP65 / Wireless DMX | IP65 / Wireless DMX |
| 120 x 200 x 120mm | 120 x 140 x 120mm |
| 4,72 x 7,87 x 4,72 inches | 4,72 x 5,51 x 4,72 inches |
| 2,49 kg (5,49lbs) | 1,49 kg (3,28lbs) |
| CRI/Ra: 88 | CRI/Ra: 88 |
| 2.000-10.000K | 2.000-10.000K |

## FLEX HAT
The perfect accessory for Gala dinner table or glare free outdoor light applications. Designed for tables with a diameter of 2 m.
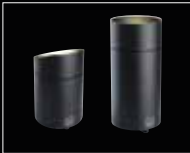
## Hoodie
The hoodie turns every FLEX fixture into an individual design piece.

## Yoke
Base for FLEX to be used as a tiltable floor stand or as an accessory for rigging, using a 13mm (½ inch) centric and oblong hole.
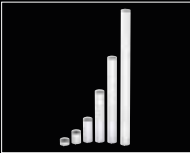
## Anti-Glare Shield
Full-Anti-Glare-Shield and Half-Anti-Glare-Shield for precise control of the glare.

## Diffusors
Thanks to the inner bayonet, filters can be changes easily, from native 3° to circular 5°, 10°, 20°, and elliptical 5°x20° or 5°x30°.

## Tubes
Opal acrylic tubes in 6 different lengths for ambient two-tone effects, fire effect and so much more. The FLEX Tubes includes bayonetring and lid. FLEX tubes fit to all FLEX models.

## Base Extension
Base to be attached underneath FLEX when using cabled DMX for upright positioning.

## Groundplate
Base used as counterweight for the longer tubes, includes leveling screws on all sides. An integrated spirit level serves for quick and convenient tilt adjustment.

## Connectionplate
Due to its 3x 3/8" female thread it allows for attaching multiple accessories such as FLEX Spike, universal microphone stands and bolts.

# **CLUSTER** Series

**Scorpions, Rock Believer Tour**
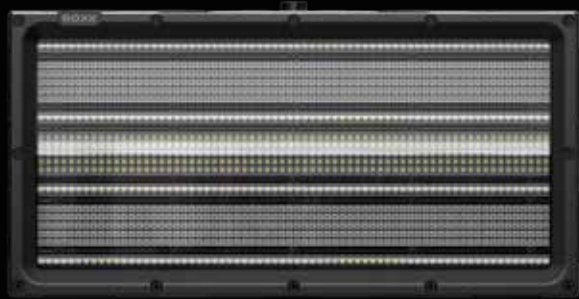CLUSTER B4FC

Picture: © Manfred Nikitser

All CLUSTER products can be easily connected both horizontal and verti-cally, by using the integrated C-Lok system. The series is made to enable toolless multiple array confi gurations, scalable from a single vertical line, to massive matrix like arrays. Due IP65 rating all products are outdoor rea-dy and protected from ingress of dust and rain. There are several mounting options – Camlock mounts on top and back enable the use of Omega-Bra-ckets, Yokes can be attached to mounting points on all sides, or the internal C-Lok system can be used for seemless interconnection. Pre-Link Magnets on top and side help to allign the fi xtures, giving an incredible user-friendly operation and save interlocking. A specially designed rigging bracket is used for seemless connection of multiple CLUSTER products, to avoid gaps due to bracing of the truss structure by variable, sliding mounting positions. Floor extensions can be used to create vertical structures in single or double rows.

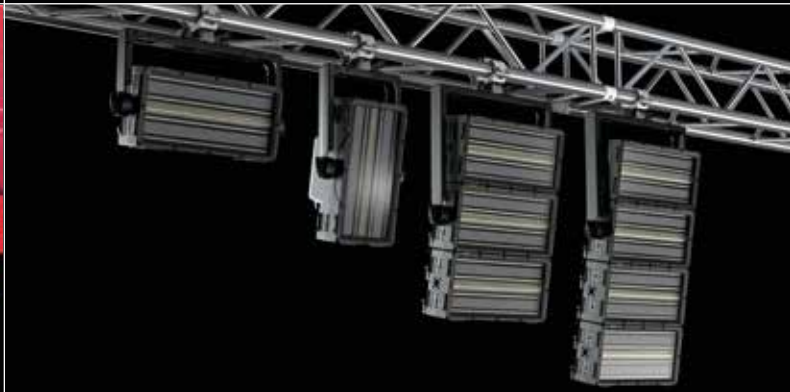# **CLUSTER** S2



Picture: © Matthew Goodyear/ Louder UK

**Pendulum, 2023**
CLUSTER S2

Picture: © Matthew Goodyear

# CLUSTER S2

All CLUSTER products can be easily interconnected both horizontal and vertically, by using the integrated C-Lok system. The series is made to enable toolless multiple array configurations, scalable from a single vertical line to massive matrix like arrays. The S2 is an advanced pixel mappable strobe and washlight that combines two complementary effects in one unit, designed for extremely powerful and versatile applications. Thanks to the advanced and tool-free cluster mechanism, ROXX S2 can be combined with all CLUSTER series products to provide lighting designers with new creative possibilities in horizontal and vertical configurations and is suitable for small to large venues and stadiums.



CLUSTER S2 features a large number of build-in patterns and giving users a fast and simple way of creating stunning effects whenever a media server is not available, or the installation requires a speedy solution.
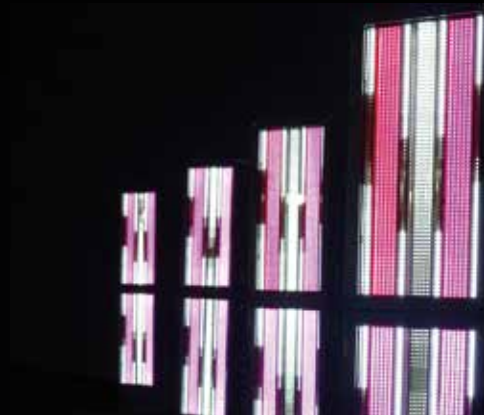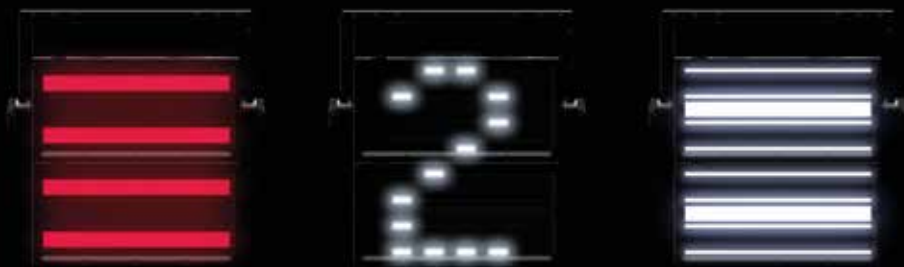
With our ROXX Cluster System and the equal spacing of the individual LED lines, continuous effects can be displayed across several units. In this way, the units merge into a large whole in both horizontal and vertical alignment. The 4 individual, thin strobe lines can also be used to display numbers, letters and graphics.
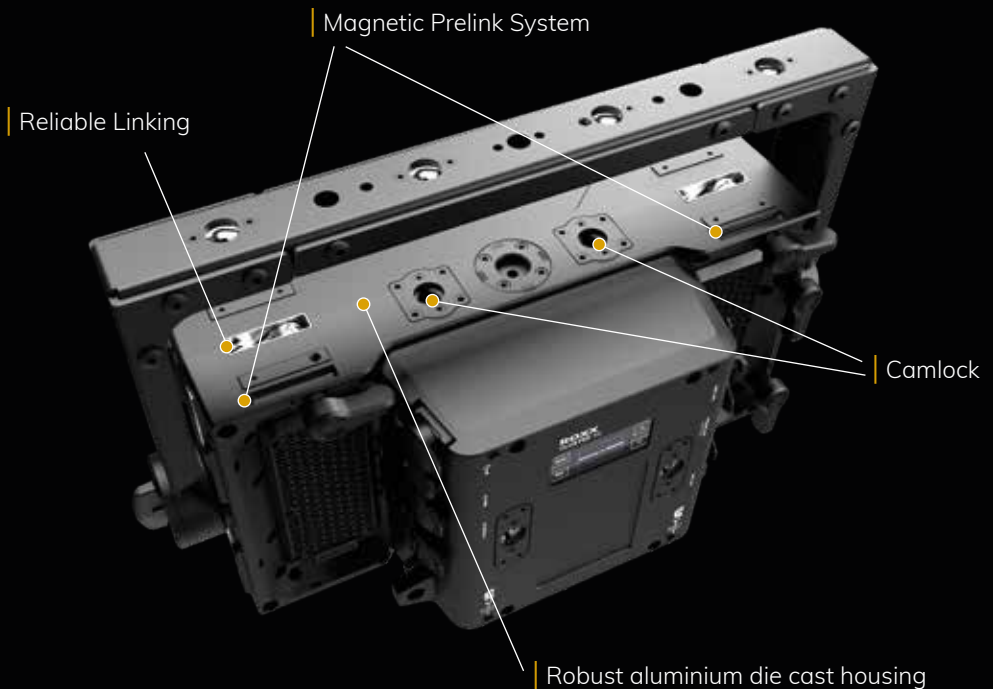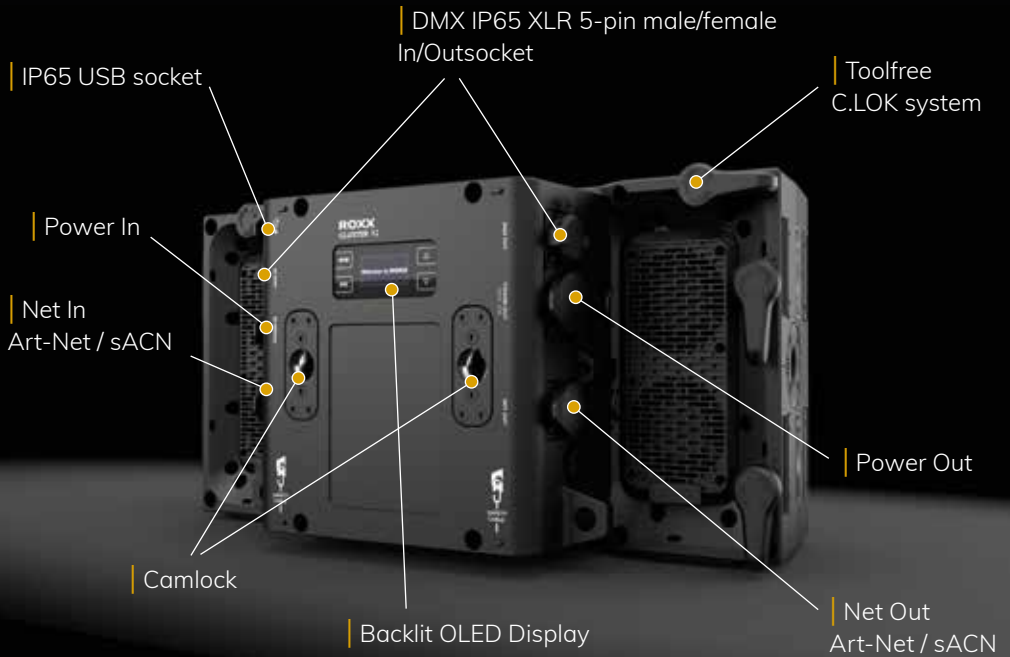
| |
|---|
| ⊕ High-power, pixel-mappable hybrid strobe / wash |
| ⊕ Center Strobe mimics traditional look from Xenon-bulb |
| ⊕ Full color mixing & tuneable white with high CRI |
| ⊕ Four extra single Strobe lines creating unique effects and giving extra boost on High-Power Strobe applications |
| ⊕ Large number of build-in patterns for fast and simple way of creating stunning effects |
| ⊕ IP65 rated for Indoor & Outdoor use |
| ⊕ Flexible Interlocking system for truss/ floor mount |
| ⊕ C-Lok for seamless CLUSTER setups |
| ⊕ Multiple mounting locations for creative rigging options |
| ⊕ Including Yoke |
| ⊕ 16-bit dimming control for smooth, perfect fades |
| ⊕ Easy to use OLED display with touch-sensitive and backlit controls |
| ⊕ Adjustable PWM frequencies up to  25kHz guarantee flicker-free camera operation |

# **CLUSTER** S2



| CLUSTER S2 | |
|---|---|
| 612x CW LED´s (7000K) | 10,5 kg (23,15lbs) |
| 680x RGB LED's | CRI/Ra: 88 |
| C-Lok Cluster System | Luminous flux: 20.800 lm |
| Magnetic Pre-Link System | Max power consumption 1.250W |
| 2000-10.000K | |
| 400 x 200 x 191mm | |
| 15,75 x 7,87 x 7,52 inches | |

DMX IP65 XLR 5-pin male/female In/Outsocket

IP65 USB socket

Toolfree C.LOK system

Power In

Net In Art-Net / sACN

Power Out

Camlock

Backlit OLED Display

Net Out Art-Net / sACN

Magnetic Prelink System

Reliable Linking

Camlock

Robust aluminium die cast housing

# CLUSTER S2

ROXX also offers a wide range of magnetic, easy-to-apply accessory filters. The smoked clear filter is especially useful in TV applications, as it allows the devices to visually disappear in the stage design when switched off. The two elliptical filters shape the light beam either vertical or horizontal with a frost effect, giving user even more effect possibilities.

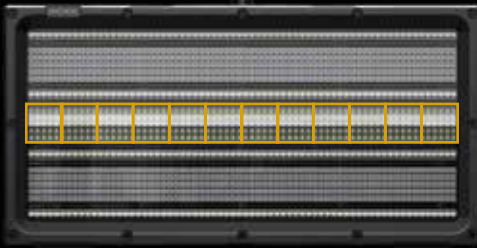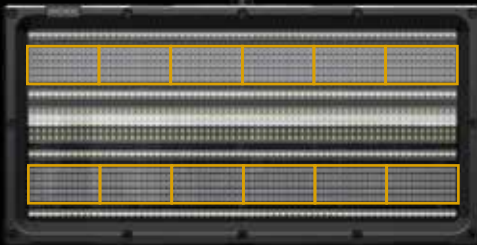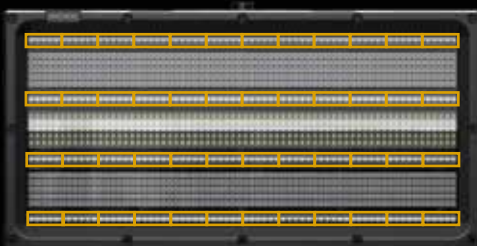| | |
|---|---|
| FX Filter Elliptical Horizontal | FX Filter Elliptical Vertical |
| FX Filter Smoked Clear | FX Distance Frame |

**High-Power Center Strobe Line**

340 x High-Power Cold-White LED's
Controllable in 12 segments

**RGB Panels**

Each 340 x RGB LED's
Total 680 x RGB LED's
Each controllable in 6 segments

**Single High-Power Strobe Lines**

Each 68x High Power Cold-White LEDs
Total 272 x Cold-White LED's
Controllable in 12 segments

# **CLUSTER** Blinder

Picture: © Daniel Garcia





Picture: © Clive Bailey

**Glastonbury, Pyramid Stage**
CLUSTER B4W

Picture: © Getty Images

# **CLUSTER** Blinder

ROXX® Audience Blinder are available as 2-lite or 4-lite individually adjustable pods, in either a Warmwhite- or Full-Color-version.

| | |
|---|---|
| ⊕ | 2-lite or 4-lite Audience Blinder, Strobe, Wash |
| ⊕ | IP65 rated for Indoor & Outdoor use |
| ⊕ | Being almost twice as bright while consuming 60% less power compared to a conventional DWE blinder |
| ⊕ | Emulated "shift to warm" to mimic incandescent fixtures |
| ⊕ | Individually controllable Pods for stunning pixel effects |
| ⊕ | Integrated C-Lok system for toolfree and seemless CLUSTER setups |
| ⊕ | Pre-Link Magnets for easy alligning and "one-handed" operation |
| ⊕ | Multiple mounting locations for creative rigging options & floor mount |
| ⊕ | 16-bit dimming control for smooth, perfect fades |
| ⊕ | Four selectable dimmer curves with adjustable response |
| ⊕ | Adjustable PWM frequencies up to 25kHz guarantee flicker-free camera operation |
| ⊕ | Individual pan of each pod to allow for directional adjustments |

CLUSTER Series

| Robust aluminium die cast housing

| Magnetic prelink system

| Camlock

| Reliable linking

| Backlit OLED display

| Power In, 5-Pin DMX, USB

| Camlock

| Toolfree C.LOK system

| Power Out, 5-Pin DMX Out

DIMMING CURVES

FLICKERFREE

RDM ENABLE

Art-Net sACN

MASTER & SLAVE

QUICKLIGHT FUNCTION

OLED DISPLAY

C.LOK SYSTEM

16-BIT TECHNOLOGY

COLOR CALIBRATION

c ETL us Intertek

FC

SHIFT TO WARM

TEMPERATURE CONTROLLED FAN

STAND ALONE

MAGNETIC PRELINK

# **CLUSTER** Blinder

### Warmwhite

In the Warmwhite version, an emulated ´shift to warm´ warms the color temperature of the light as it dims. To deliver a perfect classic tungsten look, Amber and Red LED´s are mixed with the high-power Warmwhite LED´s when decaying.



| CLUSTER B2 W | CLUSTER B4 W |
|---|---|
| 2 x 300W White | 4 x 300W White |
| Warm White + Amber + Red LEDs | Warm White + Amber + Red LEDs |
| Up to 20.000lm luminous flux | Up to 40.000lm luminous flux |
| C-Lok Cluster System | C-Lok Cluster System |
| Magnetic Pre-Link System | Magnetic Pre-Link System |
| 400 x 200 x 191mm | 400 x 400 x 191mm |
| 15,75 x 7,87 x 7,52 inches | 15,75 x 15,75 x 7,52 inches |
| 10,5 kg (23,15lbs) | 16,2 kg (35,71lbs) |
| CRI/Ra: 80 | CRI/Ra: 80 |
| Max power consumption 650W | Max power consumption 1.350W |

## Full Color

The Full Color version reproduces the same look by using it´s warmwhite LED´s in combination with RGB and Amber, plus the full range of user adjustable color mixing and tunable white.



| CLUSTER B2 FC | CLUSTER B4 FC |
|---|---|
| 2 x 300W Full Color | 4 x 300W Full Color |
| RGBA + Warm White LEDs | RGBA + Warm White LEDs |
| Up to 20.000lm luminous flux | Up to 40.000lm luminous flux |
| C-Lok Cluster System | C-Lok Cluster System |
| Magnetic Pre-Link System | Magnetic Pre-Link System |
| 400 x 200 x 191mm | 400 x 400 x 191mm |
| 15,75 x 7,87 x 7,52 inches | 15,75 x 15,75 x 7,52 inches |
| 10,5 kg (23,15lbs) | 16,2 kg (35,71lbs) |
| CRI/Ra: 90 | CRI/Ra: 90 |
| Max power consumption 620W | Max power consumption 1.250W |

# CLUSTER Series

## Mounting & Rigging

All CLUSTER products can be easily interconnected both horizontal and vertically, by using the integrated C-Lok system. The series is made to enable toolless multiple array configurations, scalable from a single vertical line to massive matrix like arrays.

### Mounting Options

There are several mounting options – Camlock mounts on top and back enable the use of Omega-Brackets, Yokes can be attached to M12 mounting points on all sides, or the internal C-Lok system can be used for seamless interconnection. Pre-Link Magnets on top and side help to align the fixtures, giving ´hands free´ operation for save interlocking.

### Rigging Bracket

A specially designed rigging bracket is used for a seamless connection of multiple Blinders as well as to avoid gaps due to bracing of the truss structure by variable, sliding mounting positions.

**CLUSTER Yokes**

CLUSTER Yoke 4.2 is included in the 4-Lite version of the CLUSTER Blinder. CLUSTER Yoke 4.1 is included 2-Lite version and CLUSTER S2.

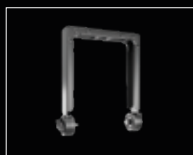# **CLUSTER** Series / Accessories

## CLUSTER Blinder / CLUSTER S2

### CLUSTER Yoke 4.3
Blinder 4-lite
Is only placed on the luminaire when needed and otherwise is concealed in the case.

### CLUSTER Yoke 2.2
Blinder 2-lite, S2
Allows vertical rigging and floor mounting.

### CLUSTER Floor Extension
Blinder 4-lite, Blinder 2-lite, S2
Can be easy fixed to all CLUSTER yokes and allows all luminaires to be used in floor application. With its integrated rubber feet it´s designed to ensure a secure stand on every plane surface with every possible angle / orientation of the fixtures head.

### CLUSTER Omega Bracket
Blinder 4-lite, Blinder 2-lite, S2
Tool-free and fast mounting via ¼ turn fasteners. Suitable for all Cluster models.

### CLUSTER Rigging Bracket
Blinder 4-lite, Blinder 2-lite, S2
Used for seemless connection of multiple CLUSTER units to avoid gaps due to bracing of the truss structure by variable, sliding mounting positions.

### CLUSTER Cases
Blinder 4-lite, Blinder 2-lite, S2
Robust Touring Cases for CLUSTER Series.

## CLUSTER S2



### FX Filter Elliptical Horizontal
Cluster S2

The elliptical horizontal filter shape the light beam horizontal with a frost effect, giving user even more effect possibilities.



### FX Filter Elliptical Vertical
Cluster S2

The elliptical vertical filter shape the light beam vertical with a frost effect, giving user even more effect possibilities.



### FX Filter Smoked Clear
Cluster S2

The Smoked Clear Filter is especially useful in TV applications, as it allows the devices to visually disappear in the stage design when switched off.



### FX Distance Frame
Cluster S2

Combining ROXX FX Frame with holographic filters, this extender creates not only an even lightbox and soft pixel mapping patterns, but also provides a kind of 3D effect and gives LD′s an extra in design options and stunning eye-candy effects. An integrated bolt on the edge allows the safety cable of the FX Filters to loop through.

# ROXX.APP

With quick and easy connecting, direct control of the ROXX® fixtures without any additional hardware and a compatibility with all iOS mobile device, you are provided with an innovative and high-performance lighting control system.
Program and edit your lightshows comfortably and in real time whether you are preparing exhibition stands, facade lighting or an industrial event. Not only battery-operated fixtures but LED pars and floodlights too are controllable from your iOS Smartphone or tablet with the ROXX.APP.Achieving maximum benefit through minimal effort.



## Color Switching Modes

Various color modes are immediately accessible, such as RGB, HSI, linear CCT including predefined white light templates, green/magenta shift and a huge variety of preset LEE matched color filters. ROXX® color calibration ensures excellent white tones precisely on the black body curve and performs color matching across the entire range so that adjusted colors of ROXX® spotlights are reproduced precisely and homogeneously.

| | |
|---|---|
| ⊕ Quick and easy connecting | ⊕ Customizable lighting scenes |
| ⊕ Direct control of ROXX® fixtures without additional hardware | ⊕ Easily adjustable brightness |
| ⊕ Compatible with all iOS devices | ⊕ Sharing |
| ⊕ 1 universe / 512 DMX channels | ⊕ Perfect overview |
| ⊕ Color Switching Modes | |

## Newest Features



Color Fade/Jump Effect



Color Chase Effect



Color Wave Effect



Rainbow Effect

Get ready to

# ROXX ®