

ROBE[®]

2018

**S
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VOL.1



Tairantula™

BMFL™ FollowSpot

VIVA™ CMY

LEDBeam 150™ FW

ParFect 150™ FW

onePATT™

Robe lighting, MA Lighting and Vectorworks, Inc. Pioneer Open Data Standard for Linking Luminaires, Consoles, CAD and Previsualization Software

General Device Type Format will revolutionize the entertainment industry by offering professionals a seamless way to exchange luminary data from design to production

Columbia, Md. (March 27, 2018)— Today, Vectorworks, Inc., MA Lighting and Robe lighting announce a new development for the entertainment design and production industry that will change the way lighting designers, lighting fixture manufacturers, lighting console manufacturers and lighting visualizers will work together. The three companies have jointly led the charge to develop a new data format, named the General Device Type Format (GDTF), which creates a unified definition for the exchange of device data between consoles, CAD and previsualization software.

Currently, most device manufacturers use a proprietary way to define their luminaires. This lack of a standard or unified definition requires lighting console manufacturers to support and maintain a complex web of file formats. Moreover, it makes it virtually impossible for designers to leverage CAD files into consoles and makes it very difficult to link CAD software to previsualization software.

“The industry has long been plagued by the absence of a standardized way to define the description of intelligent luminaires,” said Dr. Biplab Sarkar, CEO of Vectorworks. “Today’s exchange process is fraught with challenges. The workflows are disconnected, time-consuming and often require the manual mapping of data with a high chance of error. General Device Type Format simplifies the entire process. It creates a common data exchange language that will be the basis of a fully connected workflow, from CAD to previz to console and back. We look forward to collectively working with additional manufacturers to extend the benefits of this high-quality workflow to the professionals of the industry.”

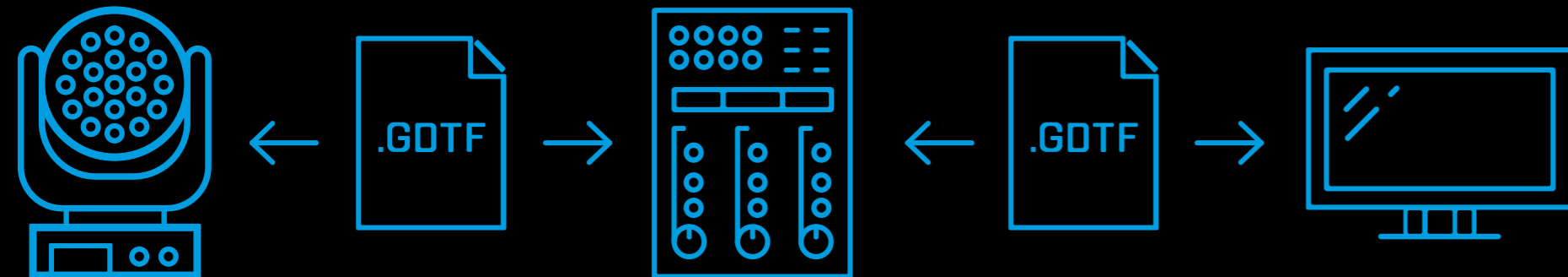
With GDTF, luminaire manufacturers now have an open and universal data exchange format that can be read by any console manufacturer and be included in any CAD or previsualization software. No longer will custom, one-off interpretations of DMX values and conversions for specific control data be needed. The format is human-readable, royalty-free and easy to implement and maintain.

“The General Device Type Format is a fantastic new development that will revolutionize the way professionals can specify and control our products,” said Josef Valchar, CEO of Robe lighting. “It’s easy to adopt, and it makes it possible for us as manufacturers of intelligent luminaires to fully describe our fixtures with detailed information without the need for any additional computational interpretation by control or visualization manufacturers.”

“Our main motivation was to make everyone’s life easier,” said Gerhard Krude, managing director of MA Lighting. “Users of any lighting control system, CAD and previz software that can process GDTF will benefit by the ease of use and the amount of details provided. GDTF contains all the information required to control and visualize all kinds of devices like fixtures, video, pyro, special FX or lasers in a standardized manner. It supports the manufacturers to structure and provide all the data to make their devices look best — onstage and during visualization. We count on the device manufacturers to contribute. They already have all the information their customers need to perform. Once our industry has adapted to the new GDTF standard, all our lives will become much easier — for good.”

The three companies will discuss the announcement and present information about the GDTF during the upcoming Prolight + Sound show in Frankfurt, Germany. Stop by Hall 3.0 to visit MA Lighting at C51 and C61, Vectorworks at E60 and Robe lighting at D80. A press briefing will be held at the Vectorworks booth on Tuesday, April 10 at 2 p.m.

For Vectorworks users, devices in Vectorworks Spotlight are currently being updated to support GDTF. Updates will be released in future 2018 service packs.



ABOUT VECTORWORKS, INC.

Vectorworks, Inc. is a global design and BIM software developer serving over 650,000 professionals in the architecture, landscape and entertainment industries. Since 1985, we’ve been committed to helping designers capture inspiration, nurture innovation, communicate effectively and bring their visions to life. With our cross-platform software, designers can build data-rich, visual models without sacrificing the design process, while collaborating efficiently throughout the project life-cycle. Headquartered in Columbia, Maryland, with offices in Atlanta, Georgia, Newbury, England and London, England, Vectorworks is a part of the Nemetschek Group. Learn how we empower designers to create experiences that transform the world at vectorworks.net.

ABOUT MA LIGHTING

MA Lighting International as master distributor is responsible for worldwide sales and marketing of the professional lighting control solutions of MA Lighting Technology. The product range offers the grandMA3 and grandMA2 series, the dot2 range and the MA Network Switch.

Today, MA Lighting is respected for its technical knowledge and has achieved a unique international reputation for its operational philosophy. The company offers several decades of experience and strictly follows a professional user-centric approach, getting as close as possible to the market via its own international offices and support centers in the UK, North America, Latin America, the Middle East/India, Asia Pacific and Scandinavia/Eastern Europe/Russia – supported by a world-wide distribution and service network.

ABOUT ROBE LIGHTING

Robe lighting is based in the Czech Republic and manufactures innovative, high quality moving lights and digital lighting products. Central to the company’s philosophy is the practice of working as closely with our business partners and end users as possible, listening to their needs, thoughts and wishes and understanding their markets and requirements. Knowing our business is based on the talent and imagination of numerous individuals, we endeavor to meet as many of them face-to-face as possible. Building the „Robe Family” means that all comments and feedback are welcome. The future is full of ambitious plans and ideas. Robe continues to focus on designing and producing well-engineered products utilizing the very latest available technology to meet the creative, technical and practical demands of our wide range of users and investors.





MEGA bright with MEGA features and still compact. The MegaPointe from Robe.

OUR NEW REFERENCE POINT!

Our all-new MegaPointe elevates the original all-in-one fixture to a whole new level. Unleash your creativity using the bright sharp parallel beams, excellent gobo projection, precise movement, smooth CMY colour mixing and dimming plus a multitude of beam splitting, wash and shaping effects.

The Robe R&D team worked with Osram to provide a 470W lamp that aligns perfectly with the cutting edge optical system. This design provides a brilliant, crystal clear, razor-edged beam, adjustable from a punchy 1.8 out to a wide 42 degree zoom.

Both static and rotating (glass) gobos produce precision in-air effects or projected images with a sharp, high-contrast, flat field. The newly designed effects engine can produce 12 varying beam and 'flower' effects.

The beam can also be shaped using innovative shutter emulation, further creating a whole new blend of content & creativity.



Technical Specification

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 470W RO
- Lifetime: 1.500 hours @ 470W Standard mode, 2.000 hours @ 380W Eco mode
- CRI: 80/90
- CCT Light Output 6.300K, CCT Lamp: 7.500K
- Robe's proprietary optical design (Patent pending)
- Zoom optical system: 14:1
- Zoom range: 1.8° - 21° beam mode, 3° - 42° spot mode
- Output lens diameter: 150mm
- Fixture total lumen output: 20.375lm
- Light output:
 - Beam mode 1.8°: 2.215.000 lx @ 5m
 - Beam mode 1.8°: 138.440 lx @ 20m
 - Spot mode 3°: 715.300 lx @ 5m
 - Spot mode 3°: 44.710 lx @ 20m
- Colour mixing mode: CMY
- Colour Wheel: 13 dichroic filters + white
- Rotating gobo wheel: 9 rotating + open, indexable and replaceable gobos
- Static gobo wheel: 14 gobos + open
- Animation wheel: Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
- Innovative Effect Engine consisting of 6 prisms placed on two wheels, producing 12 various Beam and Flower effects (Patent pending)
- Beam shaper emulating framing shutters and creating rectangular beam shapes, rotatable and indexable (Patent pending)
- Frost: variable 1° (light) and 5° (medium)
- Motorized zoom and focus
- Remote Hot-spot control: adjustable from 5:1 to 2.5:1 in spot mode and from 7:1 to 2.7:1 in beam mode (Patent pending)
- Pre-programmed random strobe & pulse effects
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 2
- Control channels: 39, 34
- Pan/Tilt resolution: 8 or 16 bit
- Colour wheel positioning: 8 or 16 bit
- Gobo indexing & rotation: 8 or 16 bit
- Animation wheel rotation: 8 or 16 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Pan movement: 540°
- Tilt movement: 270°
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)
- Power consumption: 670 W
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
- Weight: 22kg (48.5 lbs)
- Rigging:
 - Mounting positions: Horizontally or vertically, Universal operating position, Mounting points: 2 pairs of 1/4-turn locking points, 2x Omega adaptors with 1/4-turn quick locks, Pan and Tilt transport locks, Safety cable attachment point
- Accessories: Lamp Osram Sirius HRI 470W RO, Doughty Trigger Clamp, Safety wire 35 kg, Single Top Loader Case, Dual Top Loader Case, Quad Top Loader Case, Foam Shell
- Legal:
 - MegaPointe® is Registered Trademark of ROBE lighting s. r. o.
 - MegaPointe® is patented by ROBE lighting s. r. o. and is protected by one or more pending or issued patents.





Building on the success of the LEDWash 1200 and Spider's advanced technology, Robe is excited to announce the release of their most powerful LED beam/wash/effects fixture yet. We call it the Tarrantula.

Designed for concerts, car shows, sporting tournaments, indeed any event in a large venue, the Tarrantula is powered by 36x 30W and 1x 60W high powered emitters providing a stunning 20.000 lumen output.

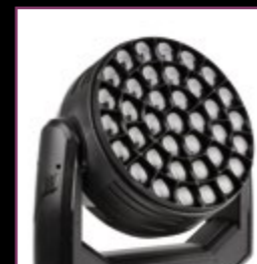
The versatile optical system offers an adjustable beam angle, from a tight 4° spot to a super-wide 50° wash, of the highest quality light. The LEDWash 800 inspired Beam Shaper accessory creates a traditional oval beam that can be indexed to precisely cover the desired stage or performance area. Central to the effects capabilities of this fixture is the exclusive Robe "Flower Effect" adding yet another spectacular visual dimension. Driven by the 60W RGBW multichip, this creates the sharpest spikes of light, rotating in either direction with controlled speed.

Fully saturated and intense colours as well as subtle pastel tones are created with velvety smooth transitions thanks to the integrated internal 18bit LED dimming system. Dynamic video effects are easily achieved by mapping individual pixels controlled by a DMX desk or media servers via sACN with internal HTP merging, DMX or by Kling-Net protocol.



Technical Specification

- Light source type: 1x 60W RGBW and 36x 30W RGBW LED multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Robe's proprietary optical design
- Zoom range: 4° - 50°
- Fixture total lumen output: 20.150 lm
- Light output: 80.200 lx @ 5 m
- Colour mixing mode RGBW or CMY
- Individual control of each RGBW pixel
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Colour rainbow effect with variable speed
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Innovative Flower Effect: rotating in both directions at variable speed (Patent pending)
- Strobe effect: variable speed (max. 20 flashes per second)
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN, Kling-Net
- Wireless CRMX™ technology from Lumen Radio
- DMX Protocol modes: 6
- Control channels: 27, 47, 145, 182, 158, 195
- R, G, B, W colour mixing: 8 or 16 bit (internal 18 bit)
- Dimmer: 8 or 16 bit (internal 18 bit)
- Pan movement: 540°
- Tilt movement: 220°
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)
- Power consumption: 1000 W
- Power in connector: Neutric powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in/out: RJ45
- Embedded ethernet switch 10/100 Mbps: 1x in/ 1x out
- Weight: 21.2kg (46.7 lbs)
- Rigging
 - Mounting positions: Horizontally or vertically
 - Universal operating position
 - Mounting points: 2 pairs of 1/4-turn locking points
 - 2x Omega adaptors with 1/4-turn quick locks
 - Safety cable attachment point
 - Tilt transport lock
- Accessories:
 - Diffusion filter 2°, Beam shaper kit, EggCrate, Doughty Trigger Clamp, Safety wire 35kg, Single Top Loader Case, Dual Top Loader Case, Foam Shell
- Legal:
 - Tarrantula™ is a Trademark of ROBE lighting s. r. o.
 - Tarrantula™ is patented by ROBE lighting s. r. o. and is protected by one or more pending or issued patents.





Powerfully smooth, Robe's VIVA CMY combines the brightness or an exceptionally clear zero-fringing white beam together with continuous colour transitions of CMY mixing.

Elegant and lightweight and packed with smart effects that are easy to use, VIVA CMY is very powerful yet consumes little energy. The 350W white LED light engine gives an extra punchy beam with even flat field and an incredible 20.000 hours of operation – in fact, no relamping will be needed for the entire life of the fixture!

Smooth colour transition and fixed vivid and radiant colours can be applied from CMY mixing system and colour wheel, and rotating or static gobos added for projections or mid-air effects.

The smooth zoom can go out to 40 degrees at its widest and be softened with variable frost to create a gentle wash-like output or dynamic background projections.

The minimum 9° zoom produces a piercing beam that can be trimmed with ultra-fast stepless iris for a really punchy output, and VIVA has extremely fast pan/tilt movement using Robe's proprietary EMS™ (Electronic Motion Stabiliser) technology.

That and much more is possible with VIVA – entertaining and contemporary!

Technical Specification

- Light source type: 350W White LED engine
- LED life expectancy: min. 20.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Colour Temperature: 6.500K
- Light source warranty: 3 years or 20.000 hours
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 4,5 : 1
- Zoom range: 9° - 40°
- Output lens diameter: 120mm
- Even flat field, 2:1 hotspot
- Fixture total lumen output: 12.040 lm
- Light output: 30.060 lx @ 5m
- Colour Wheel: 6 fixed dichroic colours + white
- Virtual Colour Wheel: with 66 preset swatches
- Rotating gobo wheel: 7 rotating, indexable, replaceable „SLOT&LOCK“ glass gobos + open
- Static gobo wheel: 9 aluminium gobos + open
- Prism: 3-facet circular rotating prism
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Variable, replaceable 20° frost filter; optional 1°, 10° and 30°
- Motorized zoom and focus
- Shutter: Electronic with variable speed strobe (max.20 flashes per second)
- Pre-programmed random strobe & pulse effects
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio
- DMX Protocol modes: 2
- Control channels: 32, 26
- Dimmer: 8 or 16 bit (internal 18 bit)
- Pan movement: 540°
- Tilt movement: 270°
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)
- Power consumption: 400 W at 230 V / 50 Hz
- Power in connector: Neutric powerCON TRUE1
- DMX and RDM data in/out : Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
- Weight: 19kg (41.9 lbs)
- Rigging
- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Pan and Tilt transport locks
- Accessories:
 - Frost 1° (exchange) assembled, Frost 10° (exchange) assembled, Frost 30° (exchange) assembled,
 - Doughty Trigger Clamp, Safety wire 35kg, Single Top Loader Case, Dual Top Loader Case, Quad Top Loader Case, Foam Shell
- Legal: Viva™ is a Trademark of ROBE lighting s.r.o. Viva™ CMY is patented by ROBE lighting s.r.o. and is protected by one or more pending or issued patents.





Specially created for situations where the followspot operator cannot be placed behind the lighting fixture, the RoboSpot BaseStation allows remote control of the BMFL FollowSpot, a specifically-designed moving head luminaire with a RoboSpot Camera integrated into the fixture.

When the RoboSpot MotionCamera is connected to the RoboSpot BaseStation, the BMFL Spot, BMFL Blade, BMFL WashBeam, DL7S, DL4S, MegaPointe or Pointe can be used and controlled as the remote follow spot device.

The base station features a 15.6 inch HD screen for the operator to observe the performance from a "first person" point of view using the dedicated pan/tilt enabled RoboSpot MotionCamera or from the fixture mounted RoboSpot Camera.

Full control of the fixture is given to the operator using the handles and two programmable faders such as dimmer and iris for extra effects. The operator's movements are instantly transferred to the luminaire via DMX with no lag, for perfect motion tracking across the stage.

Extra controls are achieved via the touch screen display and four programmable jog wheels with 10 additional button settings for a truly customisable experience. The remote desk can still control the internal features of the units such as light intensity and colours.

Technical Specification

- 15.6" monitor
- QVGA Robe touch screen with battery backup
- 4 control jog wheels
- 10 preset buttons with a direct access of the pre-programmed features
- Activation & Blackout buttons
- Pan & Tilt freeze buttons
- Manual movement control with position indication on the screen
- 2 faders mounted on the handles with direct control of the key features 0 – 100% (for example dimmer and iris), assignable to any features of controlled moving head (focus, zoom, frost etc.)
- User setting of controllable attributes
- Saving and uploading of custom settings
- Single device control
- Compatible with the following moving head luminaires:
 - BMFL FollowSpot incl. RoboSpot Camera
 - BMFL Spot, BMFL Blade, BMFL WashBeam, DL7S, DL4S, MegaPointe or Pointe, when the RoboSpot MotionCamera is connected to the RoboSpot BaseStation
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 15 W
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in/out: RJ45
- Video input: RJ45
- Mechanical specification:
 - Height: 606 mm (23.8")
 - Width: 693 mm (27.3")
 - Depth: 472 mm (18.6")
 - Weight: 16.5 kg (36.4 lbs)
- Mounting positions: on tripod (supplied with the product)
- Accessories: Monitor Shield and Note Holder
- Legal:
 - RoboSpot™ is a Trademark of ROBE lighting s.r.o.
 - RoboSpot™ BaseStation is patented by ROBE lighting s.r.o. and is protected by one or more pending or issued patents.

Not available in the USA.





Created specifically for follow-spot operation, this custom modified version of BMFL comes with specific features to provide both motorised movement and manual operation with followspot handles.

Based on the powerful BMFL WashBeam it blasts beams of extra bright output and has an abundance of great features. The BMFL FollowSpot takes advantage of its wide 160 mm front lens and a high CRI 1700W lamp. With a custom light source designed for Robe it produces an astounding 250.000 lux at 5 metres and has a wide zoom range of 5° to 45° with precise focusing.

Remotely controllable features include smooth colour mixing and CTO flags, two color wheels, multiple variable frost filters, focus, zoom and quick pulsing iris. Follow-spot operation can be greatly extended by using LightMaster Side or Rear programmable handles as an optional accessory.

The BMFL FollowSpot is pre-wired for installation of the digital camera on the head and is connected with the new RoboSpot base station for off-stage follow-spot operation...



Technical Specification

- Light source type: Compact short-arc metal halide lamp
- Approved model: OSRAM Lok-it! HTI 1700/PS
- Lifetime: 750 hours @ 1700 W / 1500 W / Quiet mode
- CRI 92+
- Colour temperature: 6.000K
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 9:1
- Zoom range: 5° - 45°
- Output lens diameter: 160 mm
- Dichroic glass reflector for maximising the light efficiency
- High efficient component optics
- Fixture total lumen output:
39.770 lm @ 1700 W
36.985 lm @ 1500 W
32.610 lm @ Quiet mode
- Light output: 251.000 lx @ 5m
- Variable CTO: 2.700 - 6.000K
- Colour Wheel 1: 6 fixed dichroic colours: deep red, deep blue, orange, green, magenta, congo blue + white
- Colour Wheel 2: 6 replaceable „SLOT&LOCK“ dichroic colours: pink, lavender, laser green, 9000K CTB, minus half and minus green + white
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Variable Light, Medium plus replaceable Heavy (two another frosts included)
- Shutter: Separate dual blade system, variable strobe effect up to 10 Hz, full black out
- Dimmer: Optimized dual blade system for exceptional smooth dimming
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation

- memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio
- DMX Protocol modes: 2
- Control channels: 32, 26
- Pan movement: 540°
- Tilt movement: 270°
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)
- Automatic Pan/Tilt position correction
- Power consumption: 2000 W at 230 V / 50 Hz
- Power in connector: Neutrik powerCON
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
- Weight: 35kg (77.2 lbs)
- Rigging
Mounting positions: 0°, 32°, 90°
Universal operating position
Mounting points: 5 pairs of 1/4-turn locking points
2x Omega adaptors with 1/4-turn quick locks
Safety cable attachment point
Pan and Tilt transport locks
- Accessories:
Lamp Osram Lok-it HTI 1700/PS, BMFL Handles - 2 pcs in box, BMFL Side Handle, RoboSpot Camera, Doughty Trigger Clamp, Safety wire 50 kg, Single Top Loader Case, Dual Top Loader Case
- Legal:
BMFL™ is a Trademark of ROBE lighting s.r.o.
BMFL™ FollowSpot is patented by ROBE lighting s.r.o. and is protected by one or more pending or issued patents.

BROADCAST



THEATRE



FILM



LIVE

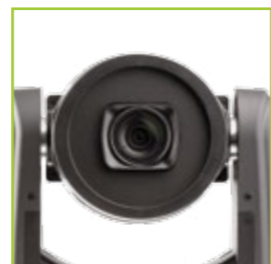




The RoboSpot MotionCamera is a revolutionary moving head fixture featuring an integrated HD camera remotely controlled via DMX to pan, tilt, zoom and autofocus.

Featuring a full HD camera with high light sensitivity capabilities down to 0.3 Lux illumination levels, the fixture provides a "first person view" for the followspot operator to track the performer across the stage.

Video signals are instantly transferred to the RoboSpot BaseStation via a high-speed Ethernet cat5 cable.



Technical Specification

- Type: SNZ-6320
- Resolution: 1920 x 1080, 16:9 Full HD (1080p) resolution support
- Zoom: 32x optical zoom, 16x digital zoom
- Streaming: H.264, MPEG dual codec, Multiple streaming
- Vision: Day & Night (ICR), WDR (120dB)
- Minimum illumination: 0.3 Lux
- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 1
- Control channels: 8
- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
- Automatic Pan/Tilt position correction
- Power consumption: 35W at 230V / 50 Hz
- Power in/out connector: Neutrik powerCON TRUE1 in/out
- Camera output: RJ 45
- Weight: 5.7 kg (12.6 lbs)
- Rigging
 - Mounting positions: Horizontally or vertically
 - 1x Omega adaptor with 1/4-turn quick locks
 - Universal operating position
 - Mounting points: 1 pair of 1/4-turn locking points
 - Safety cable attachment point
- Accessories:
 - Wireless DMX external module
 - Doughty Trigger Clamp
 - Safety wire
- Legal:
 - RoboSpot™ is a Trademark of ROBE lighting s. r. o.

Technical Specification

- Type: SNZ-6320
- Resolution: 1920 x 1080, 16:9 Full HD (1080p) resolution support
- Zoom:
 - 32x optical zoom
 - 16x digital zoom
- Streaming: H.264, MPEG dual codec, Multiple streaming
- Vision: Day & Night (ICR), WDR (120dB)
- Minimum illumination: 0.3 Lux
- Maximum ambient temperature: 55°C (131°F)
- Minimum operating temperature: -10°C (14°F)
- Input voltage: 12V DC, PoE (IEEE802.3af class 3)
- Power consumption: Max. 9.0W (12V DC) / Max. 10.0W (PoE)
- Camera output: RJ 45
- Mechanical specification
 - Height: 59.9mm (2.36")
 - Width: 72 mm (2.83")
 - Depth: 135.4 mm (5.33")
 - Weight: 540 g (1.19 lbs)
- Legal:
 - RoboSpot™ is a Trademark of ROBE lighting s. r. o.

RoboSpot Camera is a ready-to-mount device for BMFL FollowSpot units. Together with BMFL FollowSpot and RoboSpot BaseStation they can create a perfect package for remote followspotting during the show.

The high quality camera offers automatic adjustment for low light, a wide zoom range and provides a first-person-view for the follow-spot operator.

Video signal of the internal camera is transferred in real time to the RoboSpot BaseStation unit via Ethernet with minimal delay.





BMFL LightMaster is an accessory of externally mounted programmable followspot handles with a control panel and two individual faders that allow you to create quality followspot from any of the Robin BMFL fixtures you already have on site.

Available in either sideways or back mounted option, the handles feature two programmable faders (for example for dimmer and iris) and a control panel with touch screen display and four custom programmable jog wheels and ten assignable buttons for a fully-customizable user experience.

The programmable buttons, jog-wheels and faders allow the operator to comfortably trigger and control dimmer, iris, focus, zoom, frost, colors or other features of the unit. While in use by followspot operator, remote desk can still take control of all the internal features of the unit (like dimmer, colours etc.).

Internal fixture's settings allow you to fully tailor pan/tilt movement behavior by adjusting tension smoothness and resistance. Quick mounting in back or side position is assured by using quarter turn lock screws. Control panel connects to the unit via USB connection.



Technical Specification

Control Panel

- Activation & Blackout buttons
- Pan & Tilt freeze buttons
- User setting of controllable attributes
- 4 control jog wheels
- 2 faders mounted on the handles with direct control of the key features 0-100% /for example dimmer and iris), assignable to any BMFL properties (focus, zoom, frost, etc)
- 10 preset buttons with a direct access of the pre-programmed features
- Saving and uploading of custom settings
- Display: QVGA Robe touch screen with battery backup
- Movement control: manual
- Power and data in connector: USB B
- Ethernet port in/out: RJ45
- Fixation option: On ROBE BMFL Spot, Blade, WashBeam and FollowSpot
- Accessories: Single Top Loader Case
- Legal:
BMFL™ is a trademark of ROBE lighting s.r.o.
BMFL™ LightMaster Side and BMFL™ LightMaster Rear are protected by one or more pending or issued patents

LightMaster Rear

- Height: 324 mm (12.8")
- Width: max. 740 mm (29.1")
- Depth: 718 mm (28.3")
- Weight: LightMaster Rear 10.7 kg (23.6 lbs)
Tripod 6.5 kg (17.2 lbs)
Adaptor for tripod 3.6 kg (7.9 lbs)

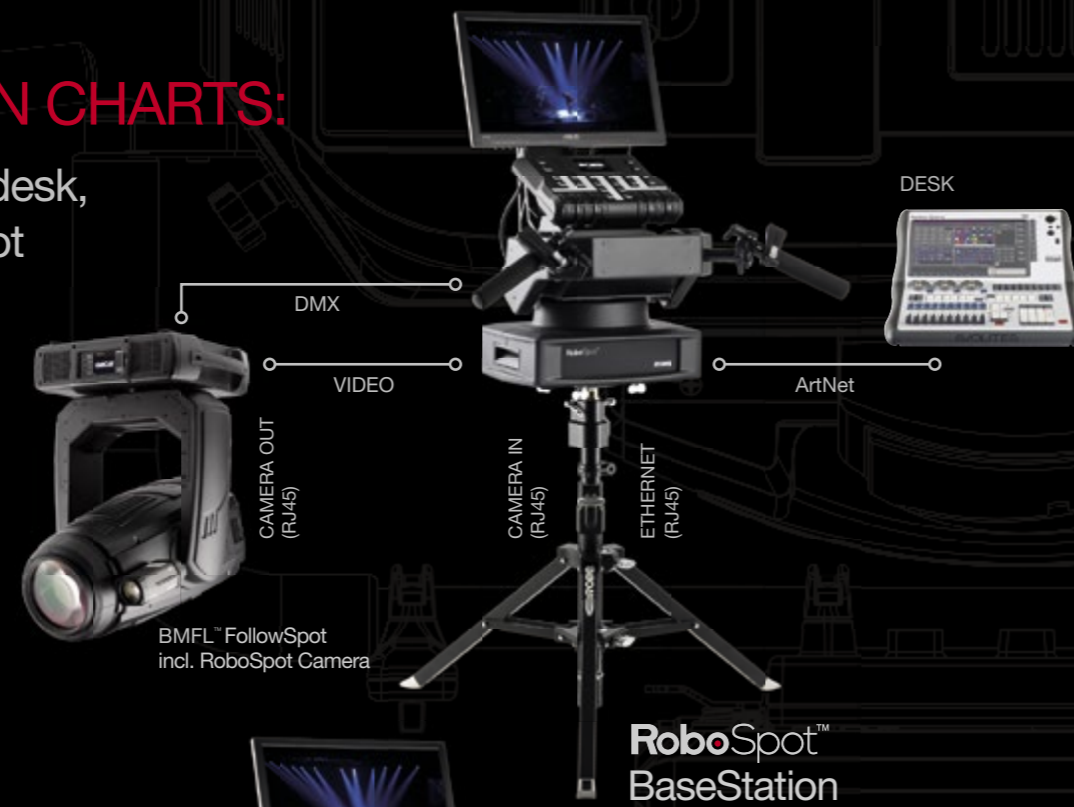
LightMaster Side

- Height: 256 mm (10.1")
- Width: 637 mm (25.1")
- Depth: 585 mm (23")
- Weight: LightMaster 4 kg (8.8 lbs)
Tripod 6.5 kg (17.2 lbs)
Adaptor for tripod 3.6 kg (7.9 lbs)



RoboSpot™ CONFIGURATION CHARTS:

Follow spot system containing DMX control desk, RoboSpot BaseStation and BMFL FollowSpot including RoboSpot Camera



Follow spot system containing DMX control desk, RoboSpot BaseStation, RoboSpot MotionCamera and moving head luminaire.

The Following fixtures can be connected to this system: BMFL™ Spot, BMFL™ Blade, BMFL™ WashBeam, DL7S Profile™, DL4S Profile™, MegaPointe® or Pointe®



BMFL™ LightMaster

BMFL™ LightMaster Side



BMFL LightMaster Side kit and Rear kit can be mounted on the following Robe fixtures:



BMFL™ Spot



BMFL™ FollowSpot

BMFL™ LightMaster Rear



BMFL™ Blade



BMFL™ WashBeam

LEDBeam 150™ / LEDBeam 150™ FW



The best things come in small packages, now with zoom included.

LEDBeam 150 is the answer with fast sweeping beams and a wide far-reaching quality wash in compact housing.

The spectacular zoom range of 3.8° to 60° uses an eminent custom-designed optical system, the LEDBeam 150 FW now offers Fresnel-Wash type of light output for even smooth edges and better color homogenization.

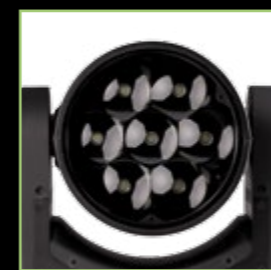
Attractive colorful chases and smooth transitions are powered by a cluster of high power multichip 30W RGBW LEDs.

A highly optimized motorised control produces speedy pan and tilt movement. Besides intense strobing capabilities, both LEDBeam 150 and LEDBeam 150 FW also offer gentle 18-bit dimming, including Tungsten lamp effects.



Technical Specification

- Light source type: 7x 30W RGBW multichips
 - LED life expectancy: min. 50.000 hours
 - Typical lumen maintenance: 70% @ 20.000 hours
 - Robe's proprietary optical design
 - High - efficiency zoom optical system, ratio 15,5:1
 - Zoom range: 3.8° - 60°
 - Diffusion filter imbedded (for LEDBeam 150™ FW)
 - Fixture total lumen output:
LEDBeam 150™: 2.842 lm
LEDBeam 150™ FW: 2.288 lm
 - Light output:
LEDBeam 150™: 12.200 lx @ 5m
LEDBeam 150™ FW: 8.190 lx @ 5m
 - Colour mixing mode RGBW or CMY
 - Variable CTO: 2.700K - 8.000K
 - Virtual Colour Wheel: with 66 preset swatches
 - Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
 - Motorized zoom
 - Pre-programmed random strobe & pulse effects
 - High resolution electronic dimming: 0 - 100%
 - Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
 - Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
 - DMX Protocol modes: 2
 - Control channels: 22, 16
 - Pan/Tilt resolution: 8 or 16 bit
 - RGBW / CMY: 8 or 16 bit
 - Zoom: 8 or 16 bit
 - Dimmer: 8 or 16 bit (internal 18 bit)
 - Pan movement: 450°; Tilt movement: 228°
 - Power consumption: Max. 220 W
 - Power in/out connector: Neutrik powerCON in/out
 - DMX and RDM data in/out: Locking 5-pin XLR
 - Weight: 5.7kg (12.6 lbs)
 - Rigging
Mounting points: 1 pair of 1/4-turn locks
1x Omega adaptor with 1/4-turn quick locks
Universal operating position, Safety cable attachment point
 - Accessories: 2° Diffusion filter (for LEDBeam 150™), Wireless DMX external module, EggCrate, Safety wire 35kg, Single Top Loader Case, Quad Top Loader Case, Eight Pack Top Loader Case, Foam Shell
 - Legal: LEDBeam 150™ is a Trademark of Robe lighting s. r. o. LEDBeam 150™ and LEDBeam 150™ FW are patented by Robe lighting s. r. o. and are protected by one or more pending or issued patents.



LEDBeam 150™ / LEDBeam 150™ FW



ParFect 150™ RGBW / ParFect 150™ FW RGBW



An LED source ACL beam at an affordable price made in Europe, now with zoom included.

ParFect 150 RGBW is a static, zoomable version of the successful LEDBeam 100 and retains all the key features including both CMY & RGBW colour control, 18-bit dimming, Tungsten emulation, selectable & variable colour temperatures and the powerful punchy beam ranging from 3,8° to 60°.

The compact and lightweight moulded composite unit includes a combined hanging bracket/floor stand. Accessories such as barn doors and the gel frame give ParFect 150 RGBW the features required for TV and theatre.

ParFect 150 FW RGBW provides fresnel wash type of light output, where the edge of the beam is smoothly diffused without any colour fringes. "ParFect" solution for theatres, TV's and concert halls.



Technical Specification

- Light source type: 7x 30 W RGBW multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 12:1
- Zoom range: 3.8° - 60°
- Diffusion filter imbedded (for ParFect 150™ FW RGBW)
- Fixture total lumen output: ParFect 150™: 2.842 lm
ParFect 150™ FW: 2.288 lm
- Light output: ParFect 150™: 12.200 lx @ 5m
ParFect 150™ FW: 8.190 lx @ 5m
- Light output: 11.600 lx @ 5m
- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites : 2.700K and 3.200K (red shift and thermal delay)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 2
- Control channels: 17, 11
- RGBW / CMY: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)
- Power consumption: Max. 220 W
- Power in/out connector: Neutrik powerCON in/out
- DMX and RDM data in/out : Locking 5-pin XLR
- Weight: 5 kg (11 lbs)
- Rigging: Mounting horizontally or vertically via mounting yoke, Universal operating position, Safety cable attachment point
- Accessories: Diffusion filter 2° (for ParFect 150™ RGBW), Wireless DMX external module, Gel frame, Barn door module, EggCrate, HALO frame adaptor, Daughtly Trigger Clamp, Safety Wire, Single Top Loader Case, Six Pack Top Loader Case, Eight Pack Top Loader Case
- Legal: ParFect 150™ is the Trademark of ROBE lighting s.r.o. ParFect 150™ RGBW and ParFect 150™ FW RGBW are patented by ROBE lighting s.r.o. and are protected by one or more pending or issued patents.

ParFect 150™ RGBA / ParFect 150™ FW RGBA



The ParFect 150 RGBA has a bright, ACL style light beam with zoom control and a high CRI in an economical LED format while the ParFect 150 FW RGBA has a bright, Fresnel style soft-beam edge, also with zoom control and a high CRI in an economical LED format.

Using an RGBA LED format, it both provide a very bright output and produce warm golden tones while retaining the key features of precise colour control via CMY or RGBA colour mixing, ultra-smooth 18-bit dimming and a powerful 3,8° to 60° zoom.

These compact, lightweight fixtures include a combined hanging/floor stand bracket, accessories such as barn doors and the gel frame, making them versatile fixtures for theatrical and educational applications.

Technical Specification

- Light source type: 7x 30W RGBA multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 12:1
- Zoom range: 3.8° - 60°
- Diffusion filter imbedded (for ParFect 150™ FW RGBA)
- Light output: ParFect 150™ RGBA: 9.810 lx @ 5m
ParFect 150™ FW RGBA: 7.610 lx @ 5m
- Fixture total lumen output: ParFect 150™ RGBA: 2.245 lm
ParFect 150™ FW RGBA: 1.796 lm
- Colour mixing mode RGBA or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Motorized zoom
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 17, 11
- RGBA / CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)
- Power consumption: Max. 220 W
- Power in/out connector: Neutrik powerCON in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Weight: 5 kg (11 lbs)
- Rigging: Mounting horizontally or vertically via mounting yoke, Universal operating position, Safety cable attachment point
- Accessories: Wireless DMX external module, 2° Diffusion filter (for ParFect 150™ RGBA), Gel frame, Barndoor module, EggCrate, HALO frame adaptor, Daughtly Trigger Clamp, Safety wire 35kg, Single Top Loader Case, Six Pack Top Loader Case, Eight Pack Top Loader Case, Dual Foam Shell
- Legal: ParFect 150™ is a Trademark of Robe lighting s. r. o. ParFect 150™ RGBA and ParFect 150™ FW RGBA are patented by Robe lighting s. r. o. and are protected by one or more pending or issued patents.



iParFect 150™ FW RGBW



The all-new iParFect 150 FW RGBW is loaded with killer features. It has an exceptionally-wide zoom range, is completely silent due to with passive cooling and, with an IP 65 rating, is ideal for television, theatres, concert halls and any kind of outdoor event.

Other characteristics include CMY & RGBW colour control, 18-bit dimming and Tungsten emulation with both selectable & variable colour temperatures providing total output control.

The powerful, punchy beam with a zoom range of 3,8° to 60°, combined with a Fresnel style beam edge, results in a smooth, homogenised beam of light.

This compact, lightweight fixture includes a combined hanging / floor stand bracket and accessories such as gel frame and barn doors.



Technical Specification

- Light source type: 7x 30W RGBW multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 12:1
- Zoom range: 3,8° - 60°
- Fixture total lumen output: 1.676 lm
- Light output: 6.800 lx @ 5 m
- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Motorized zoom
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 17, 11
- RGBW / CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)
- Power consumption: Max. 220 W
- Power in/out connector: IP 65 Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Weight: 7.5 kg (16.5 lbs)
- IP: 65
- Rigging: Mounting horizontally or vertically via mounting yoke, Universal operating position, Safety cable attachment point
- Accessories: Accesory frame adaptor and gel frame, Barndoor module, Doughty Trigger Clamp, Safety wire 35 kg, Single Top Loader Case, Six Pack Top Loader Case, Eight Pack Top Loader Case
- Legal: iParFect 150™ FW is a Trademark of Robe lighting s. r. o. iParFect 150™ FW RGBW is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents.

Technical Specification

- Light source type: 7x 30W RGBA multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 12:1
- Zoom range: 3,8° - 60°
- Fixture total lumen output: 1.310 lm
- Light output: 5.300 lx @ 5 m
- Colour mixing mode RGBA or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Motorized zoom
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 17, 11
- RGBA / CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)
- Power consumption: Max. 220 W
- Power in/out connector: IP 65 Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Weight: 7.5 kg (16.5 lbs)
- IP: 65
- Rigging: Mounting horizontally or vertically via mounting yoke, Universal operating position, Safety cable attachment point
- Accessories: Accesory frame adaptor and gel frame, Barndoor module, Doughty Trigger Clamp, Safety wire 35 kg, Single Top Loader Case, Six Pack Top Loader Case, Eight Pack Top Loader Case
- Legal: iParFect 150™ FW RGBA is a Trademark of Robe lighting s. r. o. iParFect 150™ FW RGBA is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents.

The all-new iParFect 150 FW RGBA features an exceptionally-wide zoom range and silent operation with passive cooling, making it ideal for theatres, concert halls and television.

With an IP 65 rating, it is also perfect for any outdoor application. The RGBA LED colour combination provides a high CRI and allows designers to produce warm, rich, ambertones that are normally difficult to achieve. Other features include smooth CMY & RGBA colour control, 18-bit dimming and Tungsten emulation, with both selectable & variable colour temperatures providing total output control.

The powerful, punchy beam with a zoom range of 3,8° to 60°, combined with a Fresnel style beam edge, results in a smooth, homogenised beam of light.

This compact, lightweight fixture includes a combined hanging / floor stand bracket and accessories such as gel frame and barn doors.



iParFect 150™ FW RGBA





Another member of the extended PATT family of retro-style lighting fixtures, onePATT is a RGBW multichip, high-powered, multicolored LED fixture housed in a super slim, lightweight, brushed metal retro-style frame.

The unit's high light output can be pixel mapped and therefore controlled and used for large scale matrix applications, as well as individual illuminating needs.

It features an integrated intelligent electronic Control System that guarantees flicker-free driving, protection from overheating and together with remote addressing, calibration and status messaging with a Power Supply unit, it ensures easy, remote maintenance and long term reliability.

Total quantity of seven onePATTs can be connected to the PATT Driver - a power and data box specifically designed for pixlePATT, PATT 2017 and onePATT family of products.



Technical Specification

- Light source type: 30W RGBW LED multichip
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- 200mm parabolic aluminium reflector with special gold-brown coating
- Half-ball diffuser dome distributing light evenly from RGBW LED source inside of the reflector
- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Shutter: Electronic with variable speed strobe (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- PATT Driver: external
- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM, ArtNet, Kling-Net, sACN
- Wireless CRMX™ technology from Lumen Radio
- DMX Protocol modes: 6
- Control channels: 13, 32, 40, 47, 53, 60
- RGBW / CMY: 8 or 16 bit (internal 18 bit)
- Dimmer: 8 or 16 bit (internal 18 bit)

- onePATT connection
Power and Data in: Locking 4-pin XLR
- PATT Driver connection
Power supply: Electronic auto-ranging
Input voltage range: 100 - 277 V, 50/60 Hz
Power consumption: 240 W
Power in/out connector: Neutrik powerCON TRUE1 in/out
DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
Embedded Ethernet switch 10/100 Mbps: 1x IN/1x Out
Ethernet port in/out: RJ45
Power and Data out: Locking 4-pin XLR (from PATT Driver to the pixelPATT)
- Weight: onePATT: 1.6 kg (3.5 lbs)
PATT Driver: 3 kg (6.6 lbs)
- Rigging
Mounting points:
Driver: 1x Half-couple clamp, 1x Safety attachment point
onePATT: 1x 13mm hole for Clamp mounting
Operating position:
PATT Driver: Floor standing or mounted on truss in vertical position
onePATT: any operating and mounting position
- Accessories: Doughty Trigger Clamp, Safety wire 35kg, onePATT Top Loader Case 7-pack set
- Legal:
onePATT™ is Trademark of ROBE lighting s.r.o.
onePATT™ is patented by ROBE lighting s.r.o. and is protected by one or more pending or issued patents.

Size comparison:



PATT Driver™

PATT 2017™

pixelPATT™

onePATT™





CycBar 15 is a lightweight static 1.000mm linear strip which uses 15 equally spaced, super bright RGBW multichip LEDs for enhanced 18-bit smooth colour mixing and linear dimming without RGB 'breakup' or grey shadows.

A fixed but redefinable beam angle offers optional diffusers, now with a new system of split filters allowing three different beam angles per entire CycBar and generating asymmetrical light output for use as a high-quality cyc light. Optional barndoor can trim the beam if required.

The advanced pixel control based driver software provides special features including a virtual colour wheel with pre-programmed colours and a set of true whites with CTO Tungsten lamp emulation and more. The practical and highly readable small display provides a menu with personality settings plus DMX and RDM protocols.



Technical Specification

- Light source type: 15x 10W RGBW LED multichips
- LED life expectancy: min. 60 000 hours
- Typical lumen maintenance: 70% @ 60 000 hours
- Beam angle: 7.5° (without diffuser), diffuser 35°x70° included as standard, optional cyc light kit
- Fixture total lumen output: 3.580lm
- Light output: 4.870 lx @ 5m
- Variable CTO: 0-100%
- Virtual Colour Wheel: With 237 colours including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay during dimming)
- Colour rainbow effect with variable speed
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Strobe effect: variable speed (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0-100%
- Setting & Addressing: 4-segment LED display & 4 control buttons, stand-alone operation with 1 editable program up to 35 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 4 including SunStrip emulation mode (Halogen Strip)
- Control channels: 16, 11, 61, 76
- Colour mixing: RGBW or CMY
- Manual control of all effects via control panel
- Power consumption: 170W at 230V/50Hz
- DMX and RDM data in/out: DMX outdoor cables CA-0611 (300mm) + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out connector: Neutrik PowerCon
- Weight: 11.1kg (24.5 lbs)
- LED module "tilt" adjustment range: -100/+45°
- IP: 65
- Rigging: 2x Omega adaptors with 1/4-turn quick locks
- Accessories: Barndoor, Diffusion filter: 35° x 70°, 10° x 30°, 70° x 35°, 30° x 10°, 32°, 50°; Gel frame, Doughty Trigger Clamp, Safety wire 35kg, Single Top Loader Case, Quad Top Loader Case
- Legal: CycBar 15™ is a Trademark of Robe lighting s. r. o. CycBar 15™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents.

Technical Specification

- Light source type: 29 x 365nm UV LEDs
- LED life expectancy: min. 16.000 hours
- Typical lumen maintenance: 70% @ 16.000 hours
- Robe's proprietary optical design
- Beam angle: 10°
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0-100%
- Setting & Addressing: 4-segment LED display & 4 control buttons, stand-alone operation with 1 editable program up to 35 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 2
- Control channels: 2, 3
- Power consumption: 90W at 230V/50Hz
- DMX and RDM data in/out: DMX outdoor cables CA-0611 (300mm) + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out connector: Neutrik PowerCon
- Weight: 11.25kg (24.8 lbs)
- LED module "tilt" adjustment range: -100/+45°
- IP: 65
- Rigging: 2x Omega adaptors with 1/4-turn quick locks
- Accessories: Doughty Trigger Clamp, Safety wire 35kg, Single Top Loader Case, Quad Top Loader Case
- Legal: CycBar UV™ is a Trademark of Robe lighting s. r. o. CycBar UV™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents.

The CycBar UV provides superb UV output levels at 365 nm for specialized applications where true UV, all-LED illumination is required.

Precision UV-stable components are housed in an IP65-rated casing with flexible mounting options enabling rapid installation, making it perfect for themed environments and events of all types.

Based on the lightweight static 1.000mm linear bar now with 29 UV LEDs, the CycBar UV is an ideal choice for theatres, theme parks, attractions, leisure facilities and entertainment events requiring a true UV 'black light' effect.

Built-in DMX and RDM control facilitates accurate light levels, and a wireless control option allow for the retro-fitting of existing installations without needing additional control options.



Divine™ 160 RGBW



The Divine 160 is a high-performance 440W luminaire with phenomenal light output that can be used for a variety of entertainment and architectural lighting scenarios including the application of dynamic colour changing effects to building exteriors and façades, or illuminating complete areas with subtle CCT controllable white light.

The Divine is available in numerous configuration options including optics for flood or accent lighting. RGBW, SmartWhite or PureWhite in a variety of colour temperatures combined with different mounting options and accessories make Divine a truly flexible solution.

A high IP rating of 67 and 2-year warranty underline the reliability required for the most demanding projects, be they permanent installations or temporary events. The compact size and low weight of the Divine combined with its adaptability make installation a smooth and streamlined process.



Technical Specification

- Light source type: 40x 15W RGBW LEDs
- LED life expectancy: min. 60.000 hours
- Typical lumen maintenance: 70% @ 60.000 hours
- Robe's proprietary optical design
- Beam angle: 16°, 24° or 41°
- Light output: 11.836 lm @ 16° optics
- 4 individually controllable LED zones
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: 1-row LCD display
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 2
- Control channels: 10, 22
- Movement control: manual
- Dimmer: 16 bit
- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz (CE) 100-277 V, 50/60 Hz (US)
- Power consumption: 440W, 50/60 Hz
- Power in connector: with plug
- DMX and RDM data in/out: Locking 5-pin XLR
- Weight: 14.3 kg (31.5 lbs)
- IP: 67
- Rigging: Horizontally or vertically mounting position, Universal operating position
- Accessories: Top hat, Half top hat, Barndoor module, Anti-glare, Doughty Trigger Clamp, Safety wire 35kg, Set of Rubber Feet, Single Top Loader Case
- Legal: Divine™ is a Trademark of Robe lighting s.r.o. Divine™ 160 RGBW is patented by Robe lighting s.r.o. and is protected by one or more pending or issued patents.

Technical Specification

- Light source type: 72x High Power Single Chip LEDs
- LED life expectancy: min. 60 000 hours
- Typical lumen maintenance: 70% @ 60 000 hours
- Robe's proprietary optical design
- Beam angle: 6°
- Light output: 15.936 lm @ 6° optics
- 2 individually controllable LED zones
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- Setting & Addressing: 1-row LCD display
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 10, 14
- Movement control: manual
- Dimmer: 16 bit
- Power consumption: 440W, 50/60 Hz
- Power in connector: with plug
- DMX and RDM data in/out: Locking 5-pin XLR
- Weight: 16 kg (35.3 lbs)
- IP: 67
- Rigging: Horizontally or vertically Mounting positions, Universal operating position
- Accessories: Top hat, Half top hat, Barndoor module, Anti-glare, Doughty Trigger Clamp, Safety wire 35kg, Set of Rubber Feet, Single Top Loader Case
- Legal: Divine™ 72 RGBW is a Trademark of Robe lighting s.r.o. Divine™ 72 RGBW is patented by Robe lighting s.r.o. and is protected by one or more pending or issued patents.

Powerful and compact, the Divine 72 cuts through the night sky with precision.

New entertainment and achitectural compositions are achieved layering facades details and landscape features with its narrow 6° beam.

The power to paint any structure in stark distinction or subtle hue variation is possible with the incorporation of ROBE's signature colour mixing capability.

Made for the brutality of outdoor living the Divine 72 boasts an IK10 rating in addition to being 'Suitable for Wet Locations' with an IP67 rating. Do a lot with a little Divine intervention.



Divine™ 72 RGBW





Designed with an all-in-one approach the ArcPar 150 Outdoor makes installation smoother allowing last minute tweaks and modifications on site.

The versatility of this unique product shines through with the introduction of its optical system. A high level of design flexibility is possible with the ArcPar 150 Outdoor which has a zoom ration of 1:12.

With an approximate range of 3,8°-40° it makes the ArcPar 150 Outdoor ideal for either flood or spot lighting. The ArcPar 150 Outdoor is 'Suitable for Wet Locations' with an IP 65 rating.

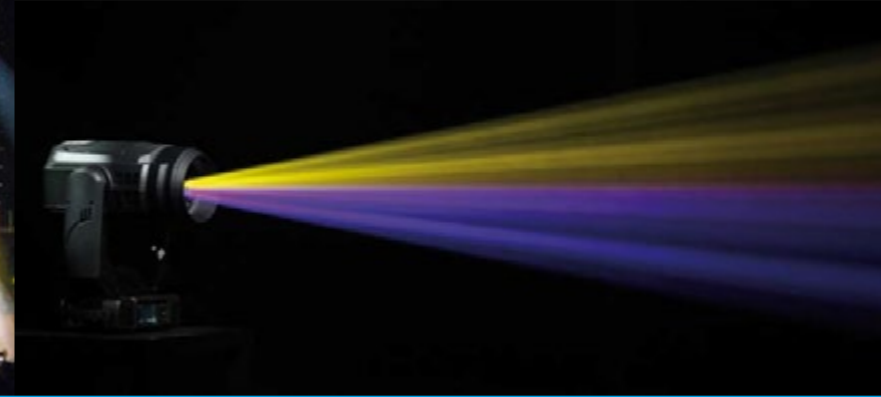
As always, Anolis' signature quality color mixing is present, easily selectable through a virtual color wheel, with a preset of over 60 colour options.



Technical Specification

- Light Source: 7 x 30W Multichip LEDs
- Input Voltage: 100-240V AC 50/60 Hz (CE), 100-277V AC 50/60 Hz (US)
- Typical Power Consumption: Max. 220W (+/-10%)
- Colour Variants: RGBCW (CW-6500K), SW (2700-8000K)
- Beam Angle:
Zoom Range 3.8°- 40° (1/2 beam), 6°- 60° (1/10 beam)
High Efficiency Zoom Optical System, Ratio 1:12
- Lumen Output (Delivered): 1676 lm (RGBCW@ 40°)
- Projected Lumen Maintenance: 20,000 hrs (L70 @ 25 °C / 77 °F)
- Wireless DMX (Option): Lumen Radio CRMX Technology
- Interface Protocol: USITT DMX512, RDM
- Control System: ArcControl range or any Third Party Controllers
- Dimmer: Smooth Dimmer 0-100%, 8 or 16 bit (internal 18 bit)
- Operating Modes:
DMX, Stand-alone
DMX modes: 2
DMX Channels: 17, 11
- Programs / Functions / Features:
Virtual Colour Wheel with 66 Preset Swatches
Tungsten Dim Effect at Whites: 2.700K and 3.200K (Red Shift and Thermal Delay)
Zoom: 8 or 16 bit
RGBW / CMY: 8 or 16 bit
- Power Supply: Integrated
- Finish Options: Silver, Black (Standard), White/Custom RAL (Cost Option)
- Mounting Method: Yoke
- Adjustability: 360°
- Protection Factor: IP65 / Suitable For Wet Locations
- IK Rating: IK 06
- Operating Ambient Temperature: - 5°C / 45°C (23°F / 104°F)
- Listings: ETL / cETL, CE, RoHS pending
- Weight: 7.5kg (16.5 lbs)
- Accessories: Top Hat (Silver, Black), Half Top Hat (Silver, Black), Doughty Trigger Clamp
- Legal: ArcPar™ 150 Outdoor is a Trademark of Robe lighting s.r.o.
ArcPar™ 150 Outdoor is patented by Robe lighting s.r.o. and is protected by one or more pending or issued patents.





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