



PRODUCT RANGE
PERFORMANCE EVENT LIGHTING

A photograph showing the silhouettes of a crowd of people at an event, with their arms raised in the air. The scene is lit with a warm, reddish-pink glow.

ENTERTAINMENT

A photograph of a modern building at night, illuminated with a greenish light. The building has a glass facade and a prominent staircase.

ARCHITECTURE

A photograph of a stage performance, showing a large, curved, metallic structure and a crowd of people. The scene is lit with blue and white lights.

STAGE

A photograph of a fairground at night, showing a large, illuminated structure with a yellowish glow. The structure is made of metal and has several bright lights.

FAIR

2016

40 Years. And counting.

Multiform is not only about the latest products, technologies and design techniques in the era of digital lighting - it is also a piece of history in the world of entertainment and display lighting. Being amongst the very first to build dimmable chase light controllers, we have not only taken a leading role in the development of this industry, but have also contributed some of the major innovations over four decades, like the first truly responsive sound-to-light function. Go with us back in time.

1971

Our founder, Mr. Iain Price-Smith, sets up Multiform Electronics Ltd. and establishes its premises in a former boat shed by Teddington Lock, England.

1972

The company grows and moves to Portugal Road in Woking, England.

1976

The company temporarily engages itself as a subcontract manufacturer of modules for Midas live mixing consoles and the BBC.

1977

Multiform is a founding member of BADEM - today better known as PLASA.

1981

Space gets tight again and Multiform moves to a new factory in Uckfield, England.

1991

Multiform moves to implement an ERP system for supply chain management.

2000

The Uckfield factory gets damaged in a flood and manufacturing is relocated to subcontractors.

2006

Multiform is acquired by Nuclus Holdings Ltd. with former MD Iain Price-Smith still actively involved in product design and marketing.

2007

Supply chain operations are relocated to Hong Kong while design and engineering mainly remains in Europe. An entirely new range of LED-based lighting fixtures is released. Manufacturing is relocated to a fully-owned factory in Guangzhou-Panyu, China.

2010

The Guangzhou factory moves into a brand new 2500sqm facility with latest infrastructure.



1971 Iain Price-Smith - „Mr. Multiform“.

1976
Factory in
Woking, UK



1991
Factory in
Uckfield, UK



1972 Where it all started - The first Multiphase



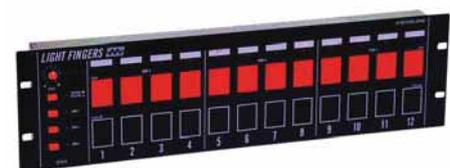
1981 The legendary Multiphase 420 series



1984 Real Sound-to-Light: Multiphase 412



1986 First programmable product: Light-J



1986 Hands on: LightFingers Touchpanel



1988 Showtime! Scorpio Programmable Desk



1988 Total Disco Control: Quattro 4-Zone



1993 Digital Evolution: DMX648 Converter



1993 Curtain up! Zodiac is in the house.



1994 Logical Extension: Rakpac 2610 Dimmer

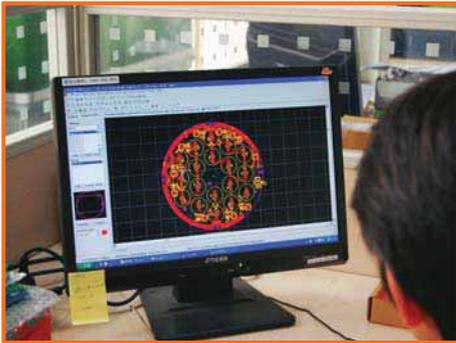


1996 Pure Power: Rakpac 4610 Dimmer

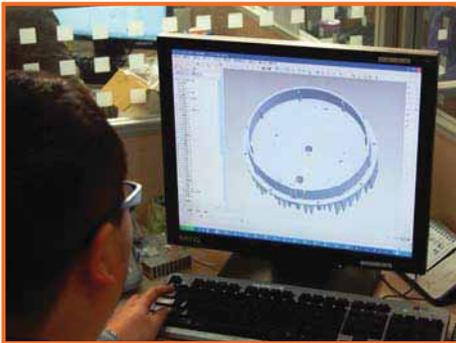


2007 Paradigm Change: First Multispot

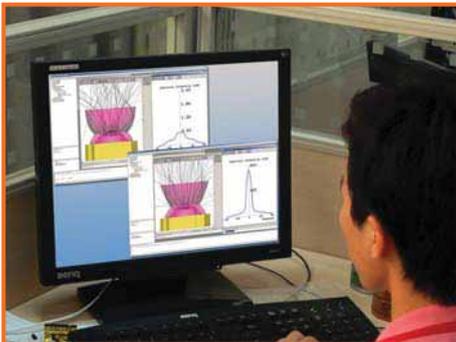
PROCESSES



■ **PCB Design.** It takes experience and attention to detail to create a PCB layout which performs well, balances heat dissipation properly and complies with EMC requirements. Integrated schematic/layout software facilitates the job.



■ **Mechanical Design.** Creativity and knowledge are needed when a product must survive years on the road, allow proper heat management and still sell for an affordable price. Our 3D-CAD-System is indispensable for this task.



■ **Optical Design.** Low optical losses, controlled beam patterns and even color mixing need good design of the secondary optical systems used. Our optical simulation software helps us with the optimization process.



■ **Procurement.** We only buy what our engineers have approved, while consistent quality, availability and price is our target. Our fully integrated ERP/MPR system helps us to optimize our supply chain and achieve our goal.

MATERIALS & QUALITY



■ **Precision metal work.** Where standard sheet metal and simple sand casted parts can not achieve the required heat dissipation and sealing for water ingress protection, our pressure-die-cast and extrusion parts ensure proper performance.



■ **Branded LEDs driven by switch-mode regulators and mounted on a low thermal resistance metal core PCB:** the ultimate combination to reduce heat generation, maximize heat dissipation and thus enhance LED lifetime.



■ **Optical Testing.** Competent design is the basis for a great-performing product - but only verification can prove us right. Whether in R&D, incoming quality control or final inspection, our spectrometer system with integrating sphere does the job.



■ **Ageing Test.** Every unit made undergoes a total of 72 hours testing time, from the bare PCB through to the assembled product. Making sure that every product works reliably from start to finish of its lifetime is our ultimate goal.

It's all about the performance.

Welcome to the world of Multiform, where solid state lighting and digital lighting control enter the next level of technology, performance and affordability. We would like to take this opportunity to give you an insight into how we do what we do - designing, manufacturing and distributing world-class solid state lighting fixtures and controllers for demanding applications from entertainment to architecture.

■ **Design.** As a company founded by engineers, designing a product and perfecting its performance is an ongoing challenge for us. That's why every aspect of a product, whether it is the appearance, the usability, the performance or the durability, receives our outmost attention in every phase of the design, whether it be the concept, the initial design, the verification phase or the eventual transfer to production. Using world-class tools, both hardware and software, and the most skilled and experienced manpower, we are proud that our designs are not only unique, but also outstanding in their ease of use, performance and longevity.

■ **Manufacturing.** In a world dominated by outsourcing, we are one of the few companies who have retained full control of their supply chain and the manufacturing of all products. This way, we can be sure about the quality of each part, we can provide traceability of each component, control the assembly process and properly inspect each finished product. Further, manufacturing of variants and smaller batches can be handled with greater flexibility. Unlike many of our competitors, we are not just a brand, selling the products of the same factories used by other brands. We are a true designer and manufacturer of every one of our products. Our heavy investment in state-of-the-art manufacturing and test equipment sets us apart and maintains our competitive advantage.

■ **Distribution.** Dedication to a regional distribution model has always been a vital part of Multiform's success. With our largely professional and commercial user base, competent technical support by our exclusive distributors and their qualified rental, retail and installation channels is decisive. Comprehensive service information and excellent spare part support make our products a wise decision for years to come. That's why you won't find a Multiform product on supermarket shelves and discount websites, but only in the showrooms of qualified retailers, contractors, installers, and rental companies.



The CoboLED range marks Multiform's advance into the highest power density currently offered for event lighting fixtures. Based on arrays of ceramic-backplane multi-chip/multi-color LEDs, and using the most advanced design for optimized color mixing, the efficiency and performance of these fixtures is outstanding. With Multiform's legacy of greatest versatility and highest ease-of-use in mind, the CoboLED fixtures have been equipped with stunning internal effect presets which do not require advanced DMX programming knowledge to run a great show. CoboLED fixtures take plug-and-play to the highest level of performance - and being one of the few properly cooled designs at this power density level, they are built to last.



The **CoboSquare © VQ-4025** is an ultrabright 5×5 matrix pixel effect, both applicable as a stand-alone blinder in smaller applications or as a part of a larger pixel-based effects arrangement. Compared to its predecessor, it offers an upgraded 4-color-mixing LED panel and an extremely slimmed-down mechanical construction, making it now suitable for one-man-handling at a mere 11.4kg of weight, without any sacrifice to its durability. Using higher-efficiency LEDs, it was also possible to remove any fans and make this unit a convection-cooled design, thus suitable for use in silent environments. Unchanged are the outstandingly strong built-in effects, which also provide cross-panel presets, effectively allowing to run combinations up to 4×4 units as a single DMX effect with a minimum of control channels. This makes the CoboSquare © VQ-4025 the only choice for event and rental operators who need to run stunning effects with minimum setup time.

- 25×5W CeraQuad LEDs (RGBW-in-one)
- Output 4600lm
- PMMA lenses, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- Each LED pixel individually controllable
- 5 buttons + LCD display user interface
- Modes: Static Color – FX (Effects) – AP (Auto pattern) – SP (Strobe Pattern) – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode with adjustable brightness and pattern speed
- Internal presets for cross-panel effects across up to 16 units, either stand-alone or via DMX
- Full DMX control, both macro mode and pixel mode, 3- 4- 5- 6- and 100-Channel DMX operation
- PDM modulation (camera compliant)
- Duty hours, temperature and firmware version accessible
- Switch-mode PSU 100-250VAC with PFC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Sturdy Bracket for wall/ceiling/truss mounting
- 4 pcs. M10 mounting points
- DMX In/Out and PowerCon-compatible power in/out connectors
- IP20 rated



Rear View:
Bracket, Connectors
Convection Cooling
User Interface



TECHNICAL DATA

Panels/Output:	25 panels, 4600 lm
LEDs per panel:	1x5W RGBW CeraQuad
Arrangement:	25 red 25 green 25 blue 25 white
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5/6/100 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	95.0W
Dimension	420.0 x 420.0 x 106.2mm WxHxD
Weight:	11.4kg net

4x1.25W CeraQuadLEDs

Providing coherent color mixing straight from the source.



CDA

Switch mode regulators keep the LED current constant and losses low.



Convection Cooling

Excellent cooling promises high brightness and long LED life. No fan - completely noiseless.



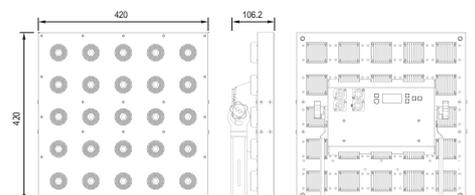
Intuitive User Interface

Makes control and settings simple and comfortable.



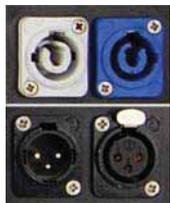
Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.





The **CoboBar® VQ-4012** is a 4-segment chase blinder, both applicable as a small-format audience blinder and as a general chase effect light source. Being an upgrade from its hugely successful RGB predecessor, it now offers RGBW capabilities and improved color mixing by a new PMMA lens array, which is combined with three 4-chip CeraQuad LEDs in each of its 4 LED panels. Every individually controlled panel can be manually swivelled by ± 10 degrees, thus dramatically enlarging the area coverage of this unit. Two coupler mounting points and a custom-designed versatile bracket allow for easy mounting to both truss and tripods. Speaking about tripod-mounting, the bracket also permits to mount the unit below a speaker on the very same speaker tripod, thus making the CoboBar © VQ4012 the smallest ultrabright entertainment lighting system on the market. The LCD-display-based user interface and the highly valuable internal presets make this unit a perfect choice for a large variety of applications where highest brightness from a small form factor counts.



Connection Panels

Industry-standard PowerCon-compatible power sockets and 3-pin DMX connectors



4x1.25W CeraQuadLEDs

Providing coherent color mixing straight from the source.



Intuitive User Interface

Makes control and settings simple and comfortable.



CDA

Switch mode regulators keep the LED current constant and losses low.

- 12x5W CeraQuad LEDs (RGBW-in-one) in 4 panels
- Output 2200lm (all panels)
- PMMA lens array, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- Each LED panel individually controllable
- Each LED panel $\pm 10^\circ$ turnable
- 5 buttons + LCD display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- 5- 6- 12- 16- 20 and 24-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC with PFC
- Low-noise forced fan cooling
- All-metal cabinet design
- Patent-pending multi-bracket for wall/ceiling mounting and tripod mounting
- 2 pcs. M10 mounting points
- DMX In/Out and PowerCon-compatible power in/out connectors
- IP20 rated



TECHNICAL DATA

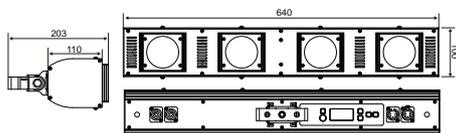
Panels/Output: 4 panels / 2200 lm
 LEDs per panel: 3x 5W RGBW CeraQuad
 LEDs: 12 red, 12 green, 12 blue, 12 white
 Optics: Secondary, 25 degrees
 DIM Modulation: PDM
 DMX: 3/4/5/6/12/16/20/24 CH
 IP rating: 20 (indoor)
 AC requirement: 100-250V~ 50-60Hz
 Max. Power: 75W
 Dimensions: 640.00x100.0x110.0mm
 Weight: 4.10 kg



Rear View



Optional Stage Bracket





Rear Panel

The **CoboPin® VQ4003** is a very compact colour mixing 4-color RGBW LED light source with high power density for applications which require highest brightness from a small footprint. To achieve the required light output, three 5W CeraQuad LEDs with 1.25W chips on a ceramic backplane are used, which feature very low thermal resistance and provide for best heat dissipation. Fanless convection cooling does not only allow infinite cooling reliability, but also grants complete absence of any noisy cooling fan. The three LEDs are arranged with a PMMA lens array to achieve uniform colour mixing. Albeit its compact footprint, the CoboPin-VQ4003 sports a comfortable user interface for all main onboard functions, and a power-in- and output, making daisy chaining of multiple devices as simple as possible. The CoboPin-VQ4003 is available in two different versions, an installation version with IEC power sockets and single bracket, and a touring version with PowerCon-compatible power sockets and dual bracket.

- 3x5W CeraQuad LEDs (RGBW-in-one)
- Output 550lm
- PMMA lens array, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + pot + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- 5- and 6-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Dual split bracket for hanging and floor-standing operation (tour version); single bracket (install version)
- DMX In/Out and PowerCon-compatible power in/out connectors (touring version), IEC C14/C13 power in/out connectors (install version)
- IP20 rated



Touring version:
Dual bracket, PowerCon



TECHNICAL DATA

Panels/Output:	1 panel, 550 lm
LEDs per panel:	3x5W RGBW CeraQuad
Arrangement:	3 red 3 green 3 blue 3 white
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5/6 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	25.0W
Dimension	90.0 x 77.0 x 166.0mm
	WxHxD (w/o bracket)
Weight:	1.36/1.58 kg net (I/T)

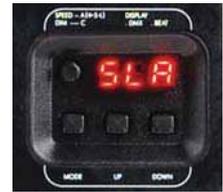
4x1.25W CeraQuadLEDs

Providing coherent color mixing straight from the source.



User Interface

Simple & comfortable: 3-buttons, one potentiometer and a 3-digit LED display



Convection Cooling

Excellent cooling promises high brightness and long LED life. No fan - completely noiseless.



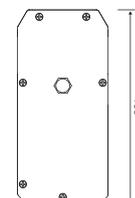
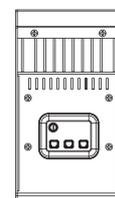
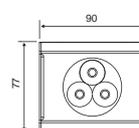
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.





The MultiLED range is Multiform's core product line ever since the introduction of the now legendary Multispot™ LS1310 in 2007, which at the time was the first flat color-mixing LED light source in the world, and has become a design icon and inspiration to numerous fixture makers in its own right. MultiLED fixtures continue to offer an unbeatable balance of performance, ruggedness and value-for money; they are self-explanatory in their operation and stable in their performance. Event, Architecture, Decoration – you name it, they cover it.



Model
HS2022



Model
HT3012



Model
HQ5010



**HQ5010
COLORMIX**



**HT3012
COLORMIX**



**HS2022
COLORMIX**



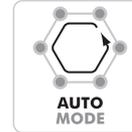
SOUND2LIGHT



**IP20
INGRESS
PROTECTION**



**CAMERA
COMPLIANT**



**AUTO
MODE**



**2...7CH
DMX
CONTROL**

TECHNICAL DATA

Panels/Output:	see model list
LEDs per panel:	see model list
Arrangement:	see model list
Optics:	Secondary, 25 degrees
DMX Control:	2-7 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	60W
Dimensions:	269.0 x 275.5 x 115.0mm WxHxD (with straight bracket)
Weight:	2.8kg net

The **MultiSpot GI** © is the evolution of the first-generation “original” Multispot; allegedly the first flat color mixing LED fixture at its time and one of the most adopted designs in the market place due to its enormous popularity. This latest generation comes in 3 different versions, two of them being color mixing fixtures in either RGBAW (model HQ5010) or RGB (model HT3012) configuration, and one being a tunable white fixture with adjustable color temperature (model HS2022). Sporting advanced thermal management and high-efficiency step-down switch mode LED current regulators, it offers improved efficiency, higher light output and fanless, silent cooling as a result. Housed in a road-ready all-metal construction and featuring a variety of DMX control modes, this fixture is a must-have for the stage lighting professional.

Available models:

- HQ5010 (RGBAW), CeraQuad 4x1.25W-in-one LEDs, 6xRGBW+4xRGBA, max. 2125lm
- HT3012 (RGB), 12xMultiLEDs (RGB 3x1W-in-one), max. 1700 lm
- HS2022 (tunable white), 2.5W CeraLEDs, 11xWarmWhite+11xColdWhite, max. 2400lm

Color mixing models:

- Modes: Static (19 preset colors), Pattern (27 presets, chase/fade, sound to light)
- 4 DMX control modes with combined or separated dimmer/strobe channels

Tunable white model:

- Convenient color-temperature-preset mode with 30 presets from 3000 to 6000K
- Strobe mode with adjustable speed
- 5 different DMX control modes (2-4 channels)

All models:

- CDA™ Current Drive Array Technology for constant LED current regulation
- PMMA lenses, 25° dispersion angle
- Wide-range switch mode power supply with PFC (EN61000-3-2 (Class C) compliant)
- IEC C14 power input socket
- 3-pin XLR sockets for DMX in- and output
- DMX slave mode
- PDM modulation (camera compliant)
- 3 buttons + pot + LED display user interface
- Aluminum body with M6 security lug
- Multi-purpose dual split bracket



Rear View

Connectors

Conveniently located at the bottom side.



4x1.25W

CeraQuadLEDs

Providing coherent color mixing straight from the source. (HT3030: MultiTriLED)



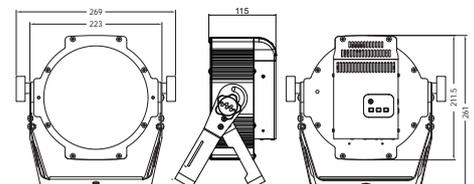
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.





TECHNICAL DATA

Panels/Output:	see model list
LEDs per panel:	see model list
Arrangement:	see model list
Optics:	Secondary, 25 degrees
DMX Control:	2-7 Channels
IP Rating:	20 (indoor)/65 (outdoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	95W
Dimensions:	330.0 x 327.0 x 151.5mm WxHxD (with straight bracket)
Weight:	7.1kg net



Connectors

Both in- and outputs for DMX and AC make rigging easy. Conversion to outdoor unit is simple with the available outdoor kit.



4x1.25W CeraQuadLEDs

Providing coherent color mixing straight from the source. (HT3030: MultiLED)



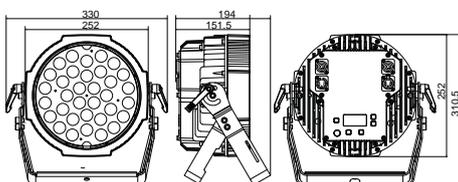
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.



Model
HQ5020



Model
HT3030



Model
HS2034

The **MultiSpot-GII**® series is our flagship solid state lighting fixture and brings Multiform's highly successful Multispot series to the next level of performance. It comes in 3 different versions, two of them being color mixing fixtures in either RGBAW (model HQ5020) or RGB (model HT3030) configuration, and one being a tunable white fixture with adjustable color temperature (model HS2034). The color versions sport an advanced HSL color mixing control, making the setting of the target color simple. The solid die-cast chassis combines ruggedness and proper cooling, and can be converted from the factory-standard indoor version (IP20, with rear side connectors) to an outdoor version (IP65) via the optionally available conversion kit. The user interface with a large LCD display makes the operation intuitive. The combination of output, durability and ease of use makes this fixture one of the most versatile in its market segment.

Available models:

- HQ5020 (RGBAW), CeraQuad 4x1.25W-in-one LEDs, 12xRGBW+8xRGBA, max. 4250lm
- HT3030 (RGB), 30xMultiLEDs (RGB 3x1W-in-one), max. 4250 lm
- HS2034 (tunable white), 1.25W CeraLEDs, 16xWarmWhite+18xColdWhite, max. 3795lm

Color mixing models:

- Modes: Static (25 preset colors), Pattern (23 presets, settable to chase/fade, sound to light)
- 6 DMX control modes (RGB, RGBAW, HSL, etc) with combined or separated dimmer/strobe
- User-adjustable white balance

Tunable white model:

- Convenient color-temperature-preset mode with 30 presets from 3000 to 6000K
- Strobe Mode with adjustable speed and sound-to-light burst
- 3 different DMX control modes (2-4 channels)

All models:

- CDA™ Current Drive Array Technology for constant LED current regulation
- DISSIMAX™ heatsink with optimized geometry to control temperature for longer LED lifetime
- MCU-controlled LED panel temperature with automatic limiter
- PMMA lenses, 25° dispersion angle
- Wide-range switch mode power supply with PFC (EN61000-3-2 (Class C) compliant)
- PowerCon™-compatible power in- and output connectors
- 3-pin XLR sockets for DMX in- and output (5-pin on request)
- AUTO-DMX Addressing and DMX slave mode
- PDM modulation (camera compliant)
- Duty hours, temperature and firmware version accessible
- 5 buttons + backlit LCD display user interface
- Diecast body with 2xM10 mount points + M6 security lug
- Multi-purpose dual split aluminum bracket
- Up to IP-65 Ingress protection (if 4xPG9 outdoor kit fitted)
- Pressure compensation valve for outdoor applications



Rear View



The **Multiwall-GII** © is Multiform's proposition for applications where a color-changing linear light source with wide color spectrum, superior output and long-term reliability is needed. It comes in 3 different versions, two of them being discrete LED versions with elliptical dispersion for wall washing (RGBAW model HS5062 and RGB model HT3049), one being for more general applications with 3-in-1 LEDs and conical dispersion (model HT3024). All feature a new unique cooling technology, which keeps the LED panel at appropriate working temperature, and hence promises extended lifetime. The advanced firmware and the user-friendly control panel make this unit suitable for a wide variety of applications, for which the user can easily convert the unit between indoor (connectors) and outdoor version (PG cable glands).

Available models:

- HS5062 (RGBAW), 62x1W HPLEDs (12xR, 21xG, 12xB, 8xA, 9xWW), 25°x75°max. 3250lm
- HT3024 (RGB), 24xMultiLEDs (RGB 3x1W-in-one), 25° conical, max. 3400 lm
- HS3049 (RGB), 49x1W HPLEDs (16xR, 21xG, 12xB), 25°x75°, max. 2300lm

All models:

- Modes: Static (25 preset colors), Pattern (23 presets, settable to chase/fade, sound to light)
- 6 DMX control modes (RGB, RGBAW, HSL, etc) with combined or separated dimmer/strobe
- User-adjustable white balance
- CDA™ Current Drive Array Technology for constant LED current regulation
- DISSIMAX™ heatsink with optimized geometry to control temperature for longer LED lifetime
- MCU-controlled LED panel temperature with automatic limiter
- Precision PMMA lenses
- Wide-range switch mode power supply with PFC (EN61000-3-2 (Class C) compliant)
- PowerCon™ -compatible power in- and output connectors
- 3-pin XLR sockets for DMX in- and output (5-pin on request)
- AUTO-DMX Addressing and DMX slave mode
- PDM modulation (camera compliant)
- Duty hours, temperature and firmware version accessible
- 5 buttons + backlit LCD display user interface
- Extruded aluminum body with M10 nut rail on bottom
- Multi-purpose dual aluminum brackets
- Up to IP-65 Ingress protection (if 4xPG9 outdoor kit fitted)
- Pressure compensation valve for outdoor applications



TECHNICAL DATA

Panels/Output:	see model list
LEDs per panel:	see model list
Arrangement:	see model list
Optics:	Secondary, optical PMMA 25° or 25x75°
DIM Modulation:	PDM
DMX Control:	3 to 7 Channels (depending on settings)
IP Rating:	20 (indoor) / 65 (with outdoor kit)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	70 W
Dimension	1011.0 x 75.5 x 101.5mm
Weight:	6.2kg net



Bracket Design

HT3024/HS3049
COLORMIX

HS5062
COLORMIX

IP 65
INGRESS PROTECTION

CAMERA COMPLIANT

AUTO MODE

3...7CH DMX CONTROL

Connection Panels

Industry-standard PowerCon-compatible power sockets and 3pin DMX connectors (5-pin on request). Panels exchangeable to IP65 versions.

User Interface

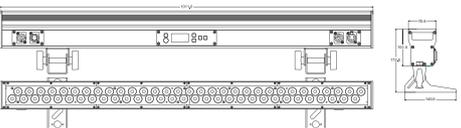
Intuitive control with LCD display and 5 push buttons.

M10 nut groove

Endless mounting options with the M10 nut groove in the case bottom. Holds the standard brackets and anything else.

Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.





The VersoLED range makes genuine Multiform performance and quality available to users with more basic requirements and thus allows to specify a Multiform product even in the most budget-conscious applications. Working with a simple yet intuitive user interface, and a plain yet rugged mechanical structure, the VersoLED fixtures mark an excellent entry-level choice into the world of professional event lighting.



TECHNICAL DATA

Panels/Output:	1 panel, 850 lm
LEDs per panel:	6x3W RGB MulTriCell
Arrangement:	6 red 6 green 6 blue
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	25.0W
Dimension	100.0 x 121.5 x 110.0mm
	WxHxD (w/o bracket)
Weight:	1.3 kg net

User Interface

Simple & comfortable:
3-buttons and display



The **VersoCube® HT-3006** is a unique sub-compact colour mixing light source for applications where ceiling height or space/size in general is a concern. It comprises six 3W RGB MulTriCell LEDs, a switch mode power supply and full DMX- as well as onboard-control electronics in a sleek full-metal case of almost cubic dimensions. Equipped with a very efficient convection cooling system, this unit provides a healthy working environment for the fitted LEDs to achieve both brightness and lifetime. The unparalleled perpendicular connection panel arrangement allows the VersoCube-HT3006 to operate very close to a mounting surface, may it be as an uplighter on the floor or as a downlight from a ceiling. For floor applications, the split bracket provides for a safe and stable placement. With all focus on its compact size, the proven ingredients of other Multiform light sources have not been forgotten, and this unit sports switching constant current regulators for low losses and heat dissipation as well as a precision PMMA lens array for uniform color mixing. With its unique shape and mechanical properties, combined with its efficiency and light output, this light source is a default choice from show lighting to hospitality and retail applications.

- 6x3W MulTriLEDs (RGB-in-one)
- Output 850lm
- PMMA lens array, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- and 5-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Dual split bracket for hanging and floor-standing operation
- DMX In/Out and IEC C14 power inlet on perpendicular connection panel
- IP20 rated

Size is everything!



Convection Cooling

Excellent cooling promises high brightness and long LED life. No fan - completely noiseless.



3x1W TriLEDs

Providing coherent color mixing straight from the source.



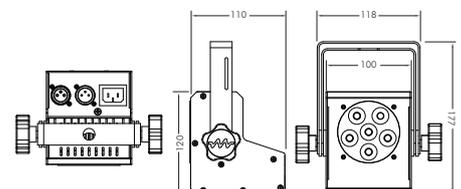
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.



VersoPlan-HT3009



TECHNICAL DATA

Panels/Output:	1 panel, 1275 lm
LEDs per panel:	9x3W RGB MulTriCell
Arrangement:	9 red 9 green 9 blue
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	40.0W
Dimension	208.0 x 217.0 x 68.0mm WxHxD (w/o bracket)
Weight:	2.50 kg net



User Interface
Simple & cofortable:
3-buttons and display



Dual Split Brackets
Ease of mounting and positioning at ceilings, in truss and on floors. High enough to cater for cables' clearance.



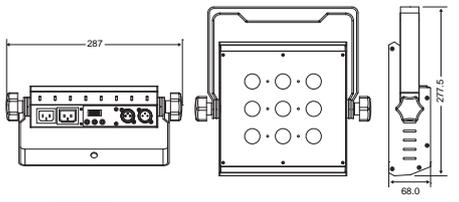
3x1W TriLEDs
Providing coherent color mixing straight from the source.



CDA
Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply
Delivers constant brightness regardless of AC quality.



The **VersoPlan® HT-3009** is our entry-level model into the world of planar, colour-changing LED fixtures. Being one of the inventors of flat light sources for show and architectural lighting applications, Multiform has applied all available experience and knowledge into a simplified yet sophisticated concept, comprising nine 3W RGB MulTriCell LEDs, an advanced cooling system, a switch mode power supply and full DMX- as well as onboard-control electronics in a sleek full-metal case of only 68mm depth. This form factor does not only deliver a large variety of possible applications, but also saves significant transportation space in all mobile/rental applications. It further makes this light source look "different" and therefore interesting for other applications such as shop and display lighting, where the fanless and thus noiseless cooling comes in handy. Needless to say that cooling and subsequently lifetime are on the common Multiform-standard, with impressive brightness when looking at the total power consumption. Power in- and out- sockets make cabling extremely simple, and the dual split bracket provides for stable positioning anywhere at a ceiling, in a truss or on the floor. An extremely versatile yet affordable fixture!

- 9x3W MulTriLEDs (RGB-in-one)
- Output 1275lm
- PMMA lenses, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- and 5-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Dual split metal bracket
- DMX In/Out and IEC C14/C13 power in- and outlet on rear side
- IP20 rated



Slim and sleek





Model
HT3018



Model
HT3030

The **VersoPlan**® series of planar RGB color mixing fixtures contains two models with either 18 RGB 3-in-1 LEDs (model HT3018) or with 30 RGB 3-in-1 LEDs (model HT3030). With a form factor corresponding to the number of LEDs, these highpower LED fixtures are for those who just can't enough, whether its of brightness, versatility or value-for money. By exposing the rear heatsink of the LED panel directly to a vertical convection stream of air, these fixtures don't need fan-forced cooling despite their impressive luminous output, and hence remain whisper-quiet which qualifies them for many applications where fan-equipped fixtures are not usable. Accommodating the electronics in two compartments left and right of the heatsink maintains an ultra-slim profile which reduces transportation space to a minimum. Despite their affordable cost, a full DMX implementation with the choice of strobe and dimmer channels combined or separate is provided. The ease-of-use and the connection panel with AC In- and Outputs make these units an outstandingly smart choice amongst the league of Highpower LED fixtures.

- 18x/30x 3W MulTriLEDs (RGB-in-one) for VersoPlan HT-3018/3030
- Output 2550lm/4250lm for VersoPlan HT-3018/3030
- PMMA lenses, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- and 5-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Dual bracket with hook mounting recess for hanging and standing operation
- 3-pin XLR DMX connections
- IEC C14 input with detachable power cord plus IEC C13 power output
- IP20 rated

TECHNICAL DATA (HT-3018/3030)

Panels:	1 panel
Output:	2550lm (HT-3018), 4250lm (HT-3030)
LEDs:	18 red, 18 green, 18 blue (HT-3018) 30 red, 30 green, 30 blue (HT-3030)
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX:	3/4/5 Channels
IP rating:	20 (indoor)
AC requirement:	100-250V~ 50-60Hz
Max. Power:	70W (HT-3018), 95W (HT-3030)
Dimensions:	288.00×273.0×73.0mm (HT-3018) 398.00×273.0×73.0mm (HT-3030)
Weight:	3.10 kg (HT-3006) 4.60 kg (HT-3030)



Rear View
User Interface, Heatsink
(model HT3018)



Intuitive User Interface

Makes control and settings simple and comfortable.



3x1W TriLEDs

Providing coherent color mixing straight from the source.



CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.



Convection Cooling

Superflat case and noiseless air convection cooling

VersoClub-HT3012



TECHNICAL DATA

Panels/Output:	4 panels, 4x425 lm
LEDs per panel:	12x3W RGB MulTriCell
Arrangement:	12 red 12 green 12 blue
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5/12/16/20 CH
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	56.0W
Dimension	375.0 x 160.0 x 60.0mm
	WxHxD
Weight:	2.26 kg net



User Interface

Simple & cofortable:
3-buttons and display



Universal Bracket

Ease of mounting on top of a 35mm tripod or any other position on a 35mm tube



3x1W TriLEDs

Providing coherent color mixing straight from the source.



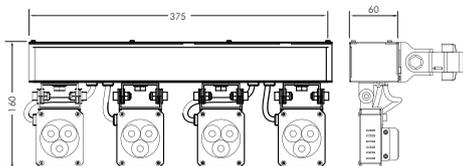
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.



The **VersoClub® HT-3012** is the smallest professional light show money can buy - as simple as that! With its mere 375mm of width, it fits into any briefcase and gets you up and running in minutes – simply unfold a tripod, drop the bar on top, connect power and DMX cables, and done! The unique multi-bracket even allows to mount it on the same tripod as your speaker, or on a wall/ceiling. Built on high-power 3W RGB MulTriLEDs, this unit offers a brightness level sufficient for even medium-sized events. Backed by Multiform’s thermal design experience, this is the only high-power mini-bar with proper fan-free (and thus noise-free) cooling of its LEDs, delivering both the brightness and the reliability. Although it operates from a very compact footprint, the 4 light sources can be swivelled and turned for coverage of larger areas. To make it even more impressive, two units can be linked via DMX and run in “mirrored” mode, making a setup with one or more units on the left and an equal number of units on the right side of a stage as simple as it could be. Including a user-friendly on-board user-interface, the VersoClub-HT3012 can as well be controlled via the optional IRC-1 infrared remote control - both as a single unit as well as a complete master/slave arrangement of several units.

- 12x3W MulTriLEDs (RGB-in-one) in 4 panels
- Output 1700lm (425lm per panel)
- PMMA lens array per panel, 25° dispersion angle
- Each panel can be turned and swivelled
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- 5- 12- 16- and 20- Channel DMX operation
- DMX Reverse (Mirror) mode
- IR sensor for optional IR remote control (IRC-1 remote control not included)
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Ceiling/Tripod mount for 35mm tripods
- DMX In/Out and IEC C14 power inlet on rearside
- IP20 rated



IRC-1
Remote (optional)



Rear View - Size Comparison





The **VersoLine® HT-3006/3012** are the “swiss army knives” of affordable high-power linear lighting for wall coloring, stage backdrop illumination and cove lighting. The VersoLine-HT3006 sports 6 RGB MultiCell LEDs, while the VersoLine-HT3012 offers 12 of these LEDs, arranged in two separately controllable groups of 6 each. The conical dispersion pattern makes these battens less focused on wall-washing only and thus allows for a broad range of applications. As the only fixture of its kind in this class, the VersoLine-HT3006/3012 features a compact aluminum case with a fanless and hence noiseless, advanced cooling system. It thus combines brightness, lifetime and sturdiness at unbeatable cost. A must-have on every stage or in any rental inventory!

- 6x/12x 3W MultiLEDs (RGB-in-one) for VersoLine HT-3006/3012
- Output 850lm/1700lm for VersoLine HT-3006/3012
- VersoLine-HT3012 LED panel divided into 2 independent sections, with independent or mutual control
- PMMA lenses, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- and 5-Channel DMX operation for Versoline HT3006
- 3- 4- 6- 8- and 10-Channel DMX operation for Versoline HT3012
- IR sensor for optional IR remote control (IRC-1 remote control not included)
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- Two L-shaped mounting brackets
- 3-pin DMX connections
- IEC AC Input and Output connections
- IP20 rated

TECHNICAL DATA (HT-3006/3012)

Panels:	1 panel (HT-3006), 2 panels (HT-3012)
Output:	850lm (HT-3006), 1700lm (HT-3012)
LEDs:	6 red, 6 green, 6 blue (HT-3006) 12 red, 12 green, 12 blue (HT-3012)
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX:	3/4/5 Channels (HT-3006) 3/4/6/8/10 Channels (HT-3012)
IP rating:	20 (indoor)
AC requirement:	100-250V~ 50-60Hz
Max. Power:	25W (HT-3006), 50W (HT-3012)
Dimensions:	505.00×64.0×66.0mm (HT-3006) 1015.00×64.0×66.0mm (HT-3012)
Weight:	1.70 kg (HT-3006)



IRC-1 Remote



Connection Panels

Industry-standard IEC power sockets and 3-pin DMX connectors



3x1W TriLEDs

Providing coherent color mixing straight from the source.



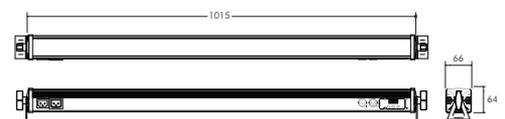
Intuitive User Interface

Makes control and settings simple and comfortable.



Sturdy Brackets

Allow easy and stable mounting on floors, walls and ceilings.



VersoTruss-HT3006



COLORMIX



SOUND2LIGHT



INGRESS PROTECTION



CAMERA COMPLIANT



AUTO MODE



3-4-5 CHANNEL DMX CONTROL

TECHNICAL DATA

Panels/Output:	1 panel, 850 lm
LEDs per panel:	6x3W RGB MulTriCell
Arrangement:	6 red 6 green 6 blue
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	25.0W
Dimension	125.0 x 169.0 x 51.0mm WxHxD
Weight:	1.06 kg net



Connectors

Conveniently located at the front side.



Mounting Points

3 combined velcro/M10 mounting points provide ultimate flexibility of placement.



3x1W TriLEDs

Providing coherent color mixing straight from the source.



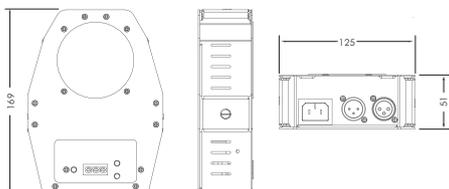
CDA

Switch mode regulators keep the LED current constant and losses low.



Switch Mode Power Supply

Delivers constant brightness regardless of AC quality.



incl. 3x Velcro Strap

The **VersoTruss® HT-3006** is a truss illumination light source with an ultra-flat form factor, targeting specifically the illumination of the popular smaller truss systems from 220 to 300mm side length. It comprises six 3W RGB MulTriCell LEDs, an advanced cooling system, a switch mode power supply and full DMX- as well as onboard-control electronics in a sleek full-metal case of only 51mm height. This form factor does not only allow to add truss illumination after assembly of a truss construction - which is impossible with most other truss lights - but also enables this light source to be mounted in almost any position inside a truss construction. An innovative 3-point velcro fixing system helps to make best use of the additional possibilities evolving from these options; most notably partial illumination of different truss sections with different colors. In this way, a truss construction can become a light effect in itself, with color chases and fades running through its structure. Imagine the possibilities!

- 6x3W MulTriLEDs (RGB-in-one)
- Output 850lm
- PMMA lens array, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- 3 buttons + LED display user interface
- Modes: Static Color – Auto – DMX
- Sound-to-Light (S2L) for Auto mode
- Switch and Fade presets for Auto mode
- Brightness and pattern speed adjustable in Auto Mode
- 3- 4- and 5-Channel DMX operation
- PDM modulation (camera compliant)
- Switch-mode PSU 100-250VAC
- Noise-free convection cooling (no fan)
- All-metal cabinet design
- 3 velcro & M10 mounting points (velcro straps included)
- DMX In/Out and IEC C14 power inlet on frontside
- IP20 rated
- Dimension 125x169x51mm WxHxD
- Weight: 1.06kg net



Partial Truss Illumination



Ground-Up Truss Illumination





Connectors



TECHNICAL DATA

Panels/Output:	1 panel, 1700 lm
LEDs per panel:	12x3W RGB MulTriCell
Arrangement:	12 red 12 green 12 blue
Optics:	Secondary, 25 degrees
DIM Modulation:	PDM
DMX Control:	3/4/5 Channels
IP Rating:	20 (indoor)
AC requirement:	100-250 V~ 50-60Hz
Max. Power:	60.0W
Dimension:	188.0 x 286.0 x 188.0mm WxHxD
Weight:	10.0 kg net

3x1W TriLEDs

Providing coherent color mixing straight from the source.



VRLA Batteries

Easy to maintain and easy to replace: standard VRLA batteries with high capacity.



User Interface

Simple & comfortable: 3-buttons, a rotary control and a 3-digit LED display



CDA

Switch mode regulators keep the LED current constant and losses low.



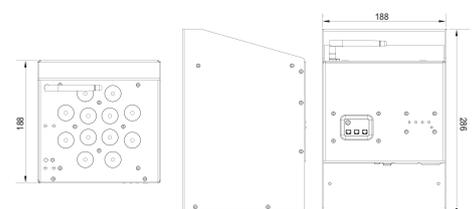
Switch Mode Power Supply

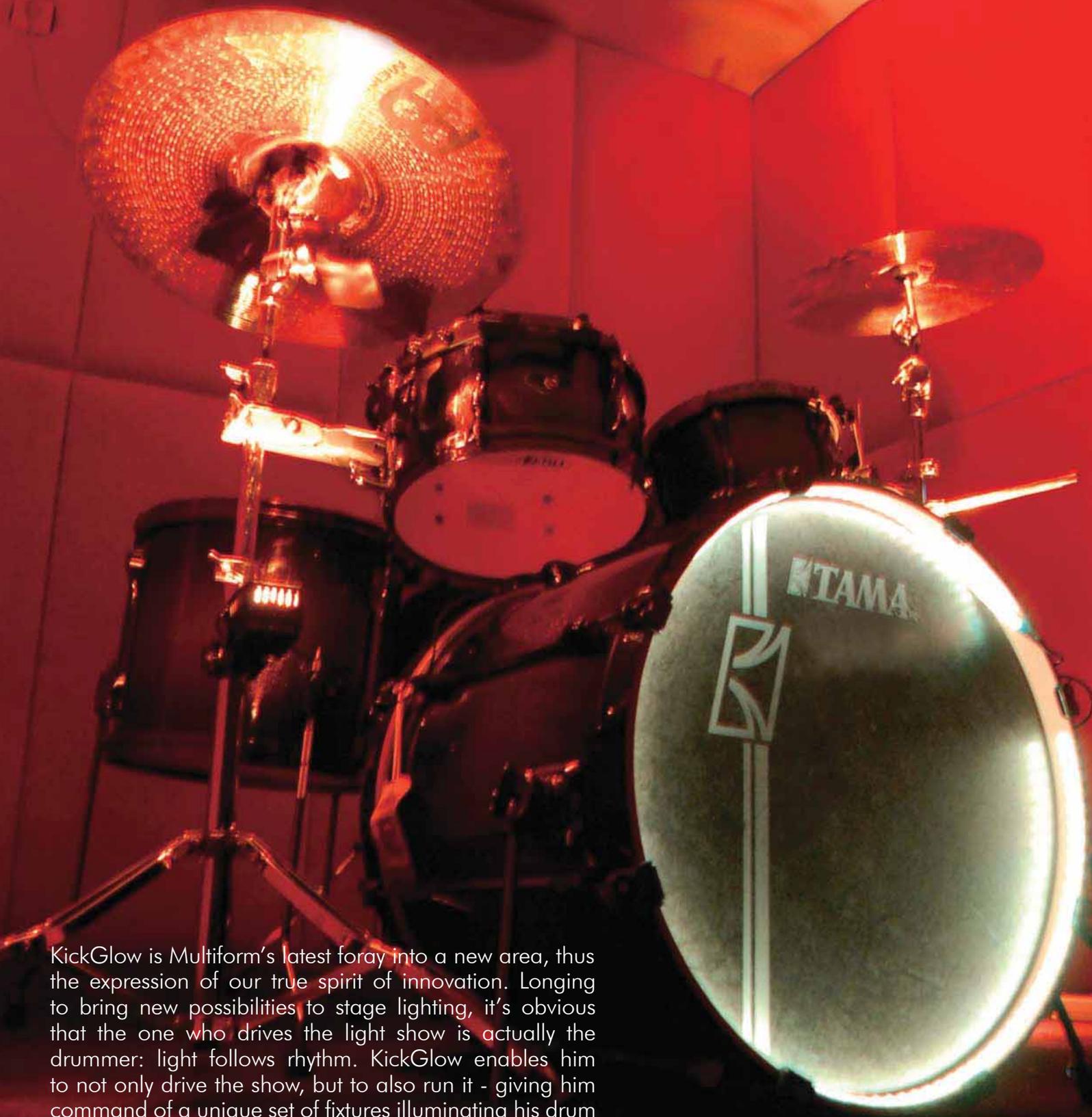
Delivers constant brightness regardless of AC quality.



The **VersoPod © HT-3012** is a wireless, color-mixing uplighter designed to provide full-shift (8h) AC-independent operation. Based on proven components, this unit features a high-efficiency LED panel with RGB 3-in-1 LEDs, providing consistent color mixing and a maximized luminous output. The unit can either run from an AC line or from its internal VRLA batteries. Unlike other designs, operation from AC and charging the internal batteries is possible simultaneously. Same as the power supply, the DMX control can either be hardwired via the provided in/output jacks or via the built-in wireless DMX adapter. The rugged full-metal case design provides an integrated carrying handle, which also serves as an antenna protection during transport, and as a glare shield during operation. With the batteries mounted in the bottom of the case, the unit has an extremely low center of gravity and hence stands firm in any positions it is put into. The user interface, well-known from the Multispot GI and other proven Multiform fixtures, combines with a 4-LED battery indicator for a seamless user experience. With uplighting being a trend in the entertainment industry, this unit shall be part of any band's, DJ's or rental operator's stock of gear.

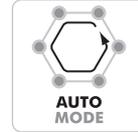
- 12x3W MulTriLEDs (RGB-in-one)
- Output 1700lm
- PMMA lenses, 25° dispersion angle
- CDA™ Current Drive Array Technology for constant LED current regulation
- Modes: Static (19 preset colors), Pattern (27 presets, chase/fade, sound to light)
- 4 DMX control modes with combined or separated dimmer/strobe channels
- Wired or wireless DMX control (via optional wireless feeder box VersoLink-WDMX, not included)
- Up to 8h AC-independent operation via internal 2x12V/10Ah VRLA batteries with status indicator
- Wide-range switch mode power supply
- IEC C14 power input + C13 Output socket
- Operation and charging at same time possible
- 3-pin XLR sockets for DMX in- and output
- DMX slave mode
- PDM modulation (camera compliant)
- 3 buttons + pot + LED display user interface
- Full metal case
- Low center of gravity for stable floor positioning





KickGlow is Multiform's latest foray into a new area, thus the expression of our true spirit of innovation. Longing to bring new possibilities to stage lighting, it's obvious that the one who drives the light show is actually the drummer: light follows rhythm. KickGlow enables him to not only drive the show, but to also run it - giving him command of a unique set of fixtures illuminating his drum set. And, if required, to control the whole stage light rig via DMX, combining both a unique visual experience and a new control concept. KickGlow rocks!

KickGL**W**



TECHNICAL DATA

Cymbal Light: (2 pieces)	3x 3W-RGB, 425lm/12V 75x59x48mm (no clamp) 380g (incl. clamp) Mounting clamp included
Bass Drum Light: (1 piece)	99x RGB 5050 / 12V 1650x10x3mm 100g Self-adhesive
Controller:	3x PDM Out (Mini XLR) 40W Power Supply 100-250 V~ 50-60Hz 240x126x55mm 1.42 kg

The **KickGlow® TriSet** is the first of its kind - a set of illumination fixtures for a drum set, accompanied by a dedicated pad controller which allows the drummer to control the three main functions (blackout, strobe, speed) via hitting the relative pads. The unit can work in scene or chase mode, and chasers can have fading or switching transitions. The transition speed of the 5 available patterns can be set by tapping on the speed pad, by a rotary control, by a sound-to-light circuit and via MIDI. The controller unit also houses the power supply for the 3 light sources, two of them being designed to be attached to the cymbal stands, one being a LED strip to be mounted in the front bass drum hoop. Connections are made via rugged 3-pin mini XLR connectors and the cymbal lights and the bass drum light are individually dimmable. The controller unit itself carries a standard cowbell mount and can thus be mounted anywhere on the set with common drum hardware. A DMX output to control external 3- or 4-segment devices completes the feature set.

- Drum illumination set with controller unit and 3 light sources (2xcymbal stand light source, 1x drum front hoop LED strip)

Controller features:

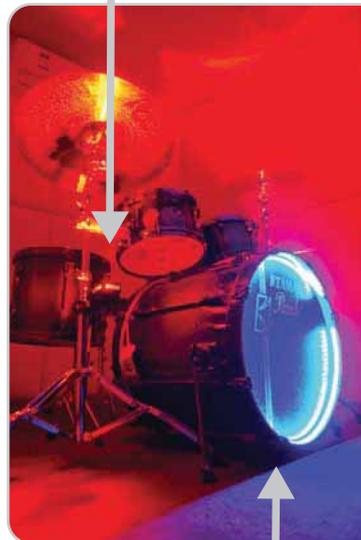
- Rugged metal case with cowbell mount
- 3 drum pads for blackout, strobe and tap tempo
- Scene (static), fade and switch modes
- 5 patterns, speed adjustable via rotary control/tap tempo/sound-to light/MIDI
- Cymbal and bass drum lights separately dimmable
- MIDI input and DMX output
- Internal power supply for light sources
- Light sources connected via 3-pin mini XLR

Light source features:

- Cymbal light with 3xRGB 3-in-1 2W LED
- Cymbal light with rugged metal case and PMMA lens
- Cymbal light with included adjustable stand clamp
- Bass drum LED strip 165cm long with RGB LEDs
- Bass drum LED strip self-adhesive for ease of fixing
- Light sources with cable and 3-pin mini XLR plug



Stand Clamp Light
(2 pieces included) for cymbal illumination



Adhesive LED Strip
(1 piece included) for bassdrum illumination



Connectivity

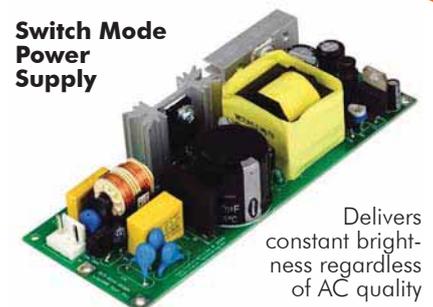
The controller accepts MIDI in for clock signals, sends DMX OUT either in 3- or 4-segment setting and sports 3 rugged Mini-XLR's for connecting the light sources.



User Interface

3 rubber pads control blackout, strobe and tap tempo. Speed can be set to S2L, Midi or internal clock. 5 patterns are selectable to run in scene, switch or fade mode. Cymbal lights and drum light have separate dimmer controls.

Switch Mode Power Supply



Delivers constant brightness regardless of AC quality





The AmbiLED range brings Multiform's spirit of innovation to areas outside of stage and building illumination, right into retail, hospitality and residential applications. While the requirements for power and brightness may be more moderate, lifetime, color mixing and quiet operation are predominant necessities, where Multiform's experience in optical design, LED driver design and cooling becomes invaluable. A range to create a better ambience, a pleasant atmosphere and an enjoyable mood.



TECHNICAL DATA

LEDs

Type	0.06W 3mm LED
Quantity	216 pcs.
Distribution	72 red, 72 green, 72 blue
Luminous output	360 lm total
Dispersion angle	30°

Power Supply

Input	90-250V~ 50/60Hz
Power Cons.	max. 12W

Control Electronics

Dim Modulation	PWM
DMX Control	21-CH

General

Dimension	H405xW120x D160 mm (with bracket, standing) H335xW65x D50 mm (without bracket)
Weight	0.38 kg net

The **AmbiBar © LS3216** is a unique combination of a compact yet bright color-changing multi-panel LED effect and a decorative mood light. Being able to operate all its 6 panels independently or simultaneously, dynamic spotlight-chaser effects are as well possible as slow full-area color fades. The extremely versatile mounting options allow for positioning on tables, walls, and ceilings. Adding the sleek, elegant design, this unit adds moods from party to chill-out to any location from a private living room to a commercial pub or tavern.

- LED panel with 216 pcs. of ultra-bright 3mm 0.06W LEDs (72xRed, 72xGreen, 72xBlue)
- LEDs arranged in 6 panel sections which can work independently or simultaneously
- Dispersion angle 30 degrees
- Total luminous output (all colors full level) 360lm
- 5 Operation modes: Chase – Fade – Mood – Scene – Flash
- Chase Mode operates all panels independently with switching transition, 11 patterns available
- Fade Mode operates all panels independently with fading transition, 11 patterns available
- Mood Mode operates all panels at the same time with fading transition, 11 patterns available
- Scene Mode operates all panels at the same time with static colors, 13 colors available
- Flash Mode operates all panels in strobe mode, 4 patterns available
- Patterns can be run in 4 different speed levels
- Sound-to-Light mode with in-built microphone for Chase mode
- Operation either via on-board 4-key user interface or infrared remote control (included),
- External digital control option (based on DMX512 with start channel = 1)
- Synchronization between units via digital control in/out possible
- Digital control input and output via 3.5mm stereo TRS jack
- Automatic master/slave detection if digital control input jack is inserted
- 21-channel DMX512-based control protocol for external access to all panel sections and internal presets
- External 12V table-top wide-range switch mode power supply
- Power-through jack on rear side for ease of installation (requires optional PSU)
- Mounting tripod included, attachable to rear or bottom of unit for table-top, wall or ceiling operation



Control Range



Our history started with lighting controllers more than 40 years ago and we still make some of the finest controllers for specific applications today, which combine our reputation for ease-of-use with the reliability a Multiform product stands for.



TECHNICAL DATA

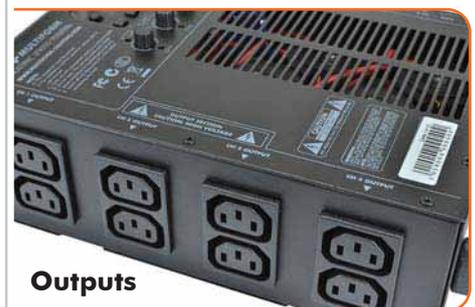
Power handling: 4 channels x5 A
 max. total load: 16 A, in-built current limiter
 Input: IEC60320-C20
 Output: IEC
 Supply voltage: 220-250 V, 50 Hz
 Dimension: 234.0 x 162.0 x 81.0 mm
 WxD (with handle)
 Weight: 2.8 kg



Screwed Triacs



Output chokes



Outputs

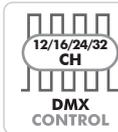
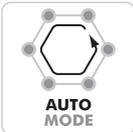


**Input connectors
 Truss bracket
 (detachable)**

Even though the **Multipac © LP405D** is an up-to-date, modern 4-channel DMX wall-pack dimmer design, it is at the same a true legacy product – because Multiform builds dimmers for professional applications since decades, so all our knowledge and experience has been put into this nifty little unit. This dimmer can serve as a stand-alone dimmer with local level adjustments and even chaser presets, but also as a remotely controlled unit with very flexible DMX implementation which can run all 4 outputs separate, in groups of two or all from one DMX channel. A truly outstanding feature is the limiter which makes sure that the unit never exceeds 16A current drawn from its input, avoiding the circuit breaker of the supply to blow which is especially useful in smaller setups for bands and DJs. The carrying handle on this unit and the detachable power cord proclaim the mission: ready for any dimming job anywhere!

- Portable 4-channel x5A SCR-based dimmer pack
- Total maximum load 16 A, in-built current sensing limiter
- DMX512 control
- 9 internal chaser programs for stand-alone operation
- Channel potentiometers for setting a scene without external control
- Foot switch input for black out function
- Editable parameters:
 - Dimmer curve (lin/log)
 - Switch/dim function (per channel)
 - Preheat (0/3/6%)
 - Level limit (per channel)
 - Output configuration (4x1 channel, 2x2 channel, 1x4 channel)
- Switchable DMX termination
- Safety lug mounting point
- Output coils mounted in damping rubber suspension
- Screw-mounted 25 A oversized triacs with individual fuse per channel
- Input filter to comply with EN61000-3-3 flicker regulations
- IEC-C20 socket for detachable power cord (open-end cord supplied)
- M10 thread insert for truss clamp
- M6 safety lug mounting point
- Sturdy all-metal cabinet design
- Handle for convenient transportation
- Convection-cooled for silent operation
- IEC outputs
- CE/ROHS compliant





The **Multiled LC300H** RGB handheld LED controller is specifically designed to work with Multiform RGB LED fixtures and gives access to the most frequently used show parameters such as chaser patterns, color choices, scene settings and strobe options at the touch of a button. The internal presets can be adjusted in key parameters but no programming or understanding of RGB color mixing is necessary, which makes the whole system “plug-and-play”. Bands, mobile DJs, small clubs and venues as well as commercial applications from exhibition to display and shop lighting will find this ingenious small controller the best and most versatile way to control their rig.



LC300H Front Panel



LC300H Rear Panel

- 10 Chaser programs combinable with 10 Color moods = 100 selectable presets
- Structure of presets adjustable depending on number of connected fixtures: 1×3, 2×3, 1×4 and 2×4 configurations available.
- 4 Operation modes:
 - BLACK OUT (all fixtures off)
 - STROBE (all fixtures flash with selectable color, dim level and speed)
 - ALL ON (all fixtures on with selectable color and dim level)
 - PATTERN (fixtures follow one of 10 chase patterns with one of 10 color moods with selectable dim level and adjustable transition time)
- Speed for pattern mode can be determined in three ways: Either by means of a rotary control on the front panel, or by tapping along the music on the tap tempo button, or by the internal sound-to-light circuit
- Sound-to-light circuit with sophisticated MULTIGAIN® AGC-circuit (automatic gain control) for perfect sensitivity; input either by internal microphone or by external signal fed into the provided ¼" TRS socket (transformer isolated)
- 4x14 Segment large LED display, status LEDs for all main functions
- Powder-coated all metal case with detachable mounting brackets (included)
- External power supply (included)
- Compatible with optional **Multifoot LC400F** foot remote (not included) to control the BLACK OUT mode, the ALL ON mode, the STROBE mode and tap tempo remotely.

TECHNICAL DATA (LC300H)

Inputs: ¼" TRS for LC400F
 ¼" TRS for external audio
 Output: 3-pin XLR (DMX512/1990)
 Supply: 12V DC (adaptor supplied)
 [100-240V AC, 50-60Hz]
 Size: WxHxD: 92 x 132 x 52mm
 Weight: 0.6kg

TECHNICAL DATA (LC400F)

Input: ¼" TRS for Multiform controllers
 Size: WxHxD: 353 x 76 x 100mm
 Weight: 1.1kg

DMX
OUTPUTUSB
CONTROL

TECHNICAL DATA

Chipset: FTDI-232
DMX CH Hold: no

Connections

Input: USB type B socket
Output: 3-pin XLR (female)

Power

Power supply: USB bus +5V
Consumption: max. 80mW

General

Size LxWxH: 75x37x35mm
Weight: 0.13 kg (net)

If you want the best lightshow for your money, then Multiform is your prime brand choice anyway – however, how to get your show controlled and programmed? We wouldn't be one of the most innovative lighting manufacturers if we would not have a solution: Multiform's **MultiFace** © USB-to-DMX interface, combined with one of the best PC-based DMX freeware programs that the software scene has to offer – DMX CONTROL. Simply plug the USB-powered MultiFace into one of the USB ports of your PC or laptop, connect your lighting rig to the DMX output, start DMX control and you are good to go – whether you serve a live concert, a theatre performance, a party or you need control for architectural illumination.

Hardware Features

- USB-powered DMX interface, Open DMX standard (FTDI based)
- RDM-enabled
- Control LEDs for USB bus power and DMX signal
- USB type B input socket
- 3-Pin female DMX output connector (locking)
- Rugged all-metal case with connector protection flanges and mounting holes

Software Features

- Supports 512 DMX channels
- Manual show control with fader-style user interface plus cross-fader
- Automated show control with scene and scene sequence programming
- Sound-to-light
- Large device library
- Graphical DDF creator for new device definitions
- Graphical illustration of stage setting
- Interface to "Magic 3D Easy View"
- System requirements:
Windows 97 / 98SE / ME / 2000 / XP / Vista / 7 / 10
CPU min. PIII 800MHz
512 MB memory
- Download the latest version at www.dmxcontrol.de

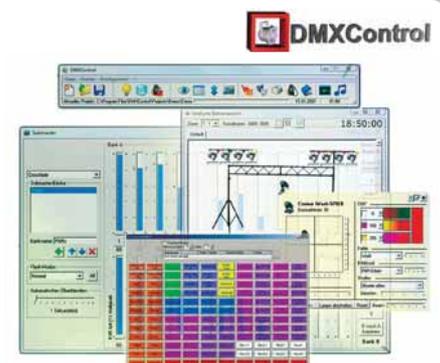
NOTE: IBM, Microsoft, Microsoft Windows, USB, Open DMX and DMX Control are trademarks of their respective owners.



USB Input



DMX Output



Software



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