



**f.a.i.**  
The Light Masters

# ARCHITECTURAL LIGHTING





**f.a.l.**  
The Light Masters

## Power, Versatility, Technology

Founded in 1983, F.A.L. has a long established and prominent role in the lighting industry. Over 20 years experience in entertainment, theatre, stage and architectural lighting has given F.A.L. a rock-solid reputation for high performance, high quality and affordability to the lighting market.

In 2005, F.A.L. become part of the International Audio Group, one of the world's leading entertainment technology manufacturers. The result, F.A.L. products now offer a new standard of high quality, high performance and affordability to the lighting market.

F.A.L. launches its new premium range of Theatre Lighting range that presents unparalleled features and uncompromised designs. Its Architectural Lighting range is also continuously expanding and is now able to offer our customers all the advantage of LED technology in a series of modular and highly flexible LED Lighting systems.



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COLOR CHANGER <<<

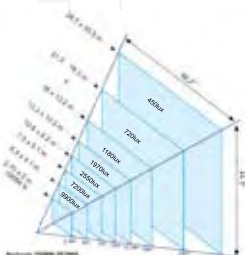
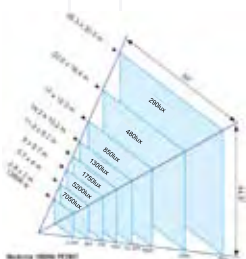
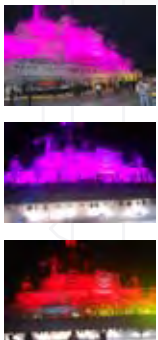


# NOCTURNO MKII 1800/2500



The Nocturno MKII Series is available in both the 1800 and 2500 W versions. The new version features a host of new characteristics and appealing features such as the possibility for the unit to be mounted upside down and still maintain its IP44 weather protection or again the possibility to replace the lamp from behind. Electronically controlled mixing of cyan, yellow and magenta dichroic filters can create virtually any desired colour and illuminate any building or structure to great effect. The Nocturno can work in a variety of stand alone modes incorporating a number of automatic sequences, or be controlled by standard DMX 512. The aluminium and galvanised steel body and the scratch resistant epoxy paint are part of an attractive housing design which carries a water resistance rating IP44. The digital display includes a highly useful hour counter system showing elapsed lamp life (approx 2500 hrs, manufacturers rating), of great benefit for touring or rental companies, as well as for fixed installations.

Available in two versions for MHD 1800W lamp and HMD 2500W lamp.



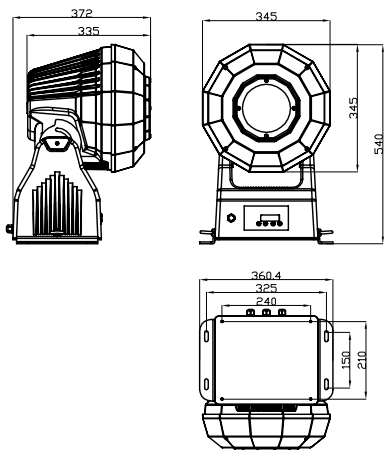
	Nocturno MKII 1800	Nocturno MKII 2500
POWER SUPPLY:	230V,50/60Hz (to order).	230V,50/60Hz (to order).
POWER CONSUMPTION:	2200VA at 230V (with internal power factor correction).	3900VA at 230V (with internal power factor correction).
LAMP:	HMD 1800W discharge lamp , colour temperature 5600K. Life 2500 hours (manufacturer ratings).	HMD 2500W discharge lamp, colour temperature 6000K.Life 2000 hours (manufacturer ratings). MSA 2500W DE discharge lamp (Philips).Colour temperature 5600K. Life 2000 hours (manufacturer ratings).
COLORS:	Cyan, Yellow, Magenta colour mixing.	Cyan, Yellow, Magenta colour mixing.
DIMMING / BLACKOUT:	Symmetrical shutter system. Provides linear dimming from 0% to 100%.	Symmetrical shutter system. Provides linear dimming from 0% to 100%.
MOTORS:	4 microstepping stepper motors.	4 microstepping stepper motors.
CONTROL:	Standard DMX 512 with digital display and 4 buttons. 5 control channels. Automatic mode: internal pre-programmed automatic sequence. Functions in Master and slave modes. Forced cooling via axial fans.	Standard DMX 512 with digital display and 4buttons. 5 control channels. Automatic mode: internal pre-programmed automatic sequence. Functions in Master and slave modes. Forced cooling via axial fans.
COOLING:		
HOUSING:	In extruded aluminium and steel plate. Epoxy paint finish. Easy access to lamp and main components. Protection rating IP44.	In extruded aluminium and steel plate. Epoxy paint finish. Easy access to lamp and main components. Protection rating IP44.
DIMENSIONS(HxWxD):	745mm X 680mm X 405mm.	920mm X 770mm X 600mm.
WEIGHT:	87kg.	87kg.
PEFERENCE NORM:	CE.	CE.

# ASPECT 250



Ideal for picking out the features of architectural design either in or outdoor (IP65) the Aspect 250 from F.A.L. is the perfect tool for architectural lighting designers and architects alike. Available to order for either the CDM or MSD lamps, designers and specifiers can choose between the 9000 hour and 3000K colour temperature of the CDM lamp or the perceptually brighter MSD with 8500°K and 2000 hour lamp life.

Intelligent operation includes not only a real time clock there is also an inbuilt light sensor to switch the unit on or off when the ambient light reaches a user determined level.



## Aspect 250

VOLTAGES:	100/120/200/220/230/240V AC, 50Hz or 60Hz.
POWER CONSUMPTION:	350W @ 220V.
LAMP OPTIONS:	<b>PHILIPS CDM-T 250W</b> Colour Temperature: 3000°K. Socket: G12. Manufacturers Rated Lamp Life: 9000 Hours. <b>Philips MSD 250/2 (specify when ordering)</b> Colour Temperature: 8500°K. Socket: GY9.5. Manufacturers Rated Lamp Life: 2000 Hours.
COLOURS:	CYM colour mixing, with cross-fade effect at various speeds.
CHANNELS:	DMX512: 6 Channels.
CONTROL:	DMX512 - Stand-Alone Automatic mode - Master/slave mode - Static Scene.
MEMORY:	Both user programmable and factory preset programs available.
BEAM ANGLE :	42°.
HEAD MOVEMENT:	6°-90° (manual adjustment).
OTHER FUNCTIONS:	Light Level Sensor - Timer mode - Remote reset - Lamp control.
HOUSING:	Cast aluminium with paint finish (IP65).
DIMENSIONS(HxWxD):	488(634mm inc. barndoors) x 345 x 387mm.
WEIGHT:	20.6Kg.



# COLOUR-TOUCH



The COLOUR-TOUCH IP65, available in a 150W and 250W version, is a new architectural colour changer that is very easy to use. It provides up to 7 colours changeable at variable speed, Black-Out Option and standard DMX512 Control plus various Stand-alone modes with Master/slave capability. This new version of IP65 COLOUR-TOUCH adds to standard system (DMX, Built-in sequences, Master/Slave function) the new WIRELESS CONTROL. Option that makes our Bestseller in Architectural Lighting even. MASTER/SLAVE capability also through WIRELESS CONTROL for a virtually unlimited number of fixtures.

- Easy to demonstrate**
- Easy to install**
- Easy to use**

SUPER SPOT



Remote controle



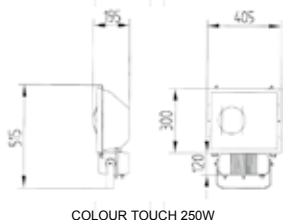
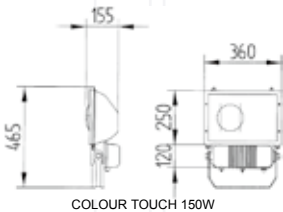
SPOT



WASH



	COLOUR-TOUCH 250	COLOUR-TOUCH 150
POWER SUPPLY:	230V 50Hz or 60Hz (to order).	230V 50Hz or 60Hz (to order).
POWER:	600VA at 230V.	250VA at 230V.
CONSUMPTION:	MSD / HSD 250W discharge	Master Colour CDM-T 150W discharge
LAMP:	lamp. Socket GY 9.5. Colour temperature 5600K, life 2000 hours (manufacturer ratings).	lamp. Socket G12. Colour temperature 4200K, life 6000 hours (manufacturer ratings).
COLOURS:	Colour wheel with 6 dichroic filters + white. Possibility to install a seventh colour disc.	Colour wheel with 6 dichroic filters + white. Possibility to install a seventh colour disc.
OPTICS:	Glass windows – PF2992 IP65 Colour-Touch 250 Wash. Fresnel lens – PF2997 IP65 Colour-Touch 250 Spot. Autilalo lens – PF2998 IP65 Colour-Touch 250 Superspot.	Glass windows, beam aperture 47° – PF2990 IP65 Colour-Touch Wash. Fresnel lens, beam aperture 23°, PF2993 IP65 Colour-Touch 150 Spot. Autilalo lens, beam aperture 11° – PF2994 IP65 Colour-Touch 150 Superspot.
BLACKOUT:	Provided blackout plate, apply it on the colour wheel (white).	Provided blackout plate, apply it on the colour wheel (white).
MOTORS:	1 microstepping stepper motor.	1 microstepping stepper motor.
CONTROL:	Standard DMX 512, 2 control channels. Dip switch array to set the DMX address. Stand alone and master / slave automatic mode. Remotely controllable via a standard infrared commander. Optional FAL commander, code 2990RC.	Standard DMX 512, 2 control channels. Dip switch array to set the DMX address. Stand alone and master / slave automatic mode. Remotely controllable via a standard infrared commander. Optional FAL commander, code 2990RC.
COOLING:	Natural convection.	Natural convection.
HOUSING:	Die cast aluminium body. Epoxy paint finish. Also available in grey. Easy access for lamp change and to main components. Protection rating IP65.	Die cast aluminium body. Epoxy paint finish. Also available in grey. Easy access for lamp change and to main components. Protection rating IP65.
DIMENSIONS(H*W*D):	515mm x 405mm x 195mm.	465mm x 360mm x 155mm.
WEIGHT:	13kg.	10kg.
REFERENCE NORM:	CE.	CE.





# TRI-COLOUR PC/FR

Stunning effects, powerful and bright colours. These features made the Tri-Colour the most popular colour changer of F.A.L. line. Cyan, Yellow and Magenta wheels provide a virtually infinite range of colours. The fixed colour wheel adds Red, Yellow, Blue and Amber; the range of colours is therefore virtually infinite. The Tri-Colour is a colour changer ideal for every professional application.



TRI-COLOUR PC



TRI-COLOUR FR



	TRI-COLOUR PC	TRI-COLOUR FR
POWER SUPPLY:	230V 50Hz (or 60 Hz to order).	230V 50Hz (or 60Hz to order).
POWER CONSUMPTION:	1900 VA at 230V.	1900 VA at 230V.
LAMP OPTIONS:	MSR 1200 W or HSR 1200 W. Socket G22. Colour temperature 5600K. Life 750 Hours (manufacturer's rating). MSD 1200W or HSD 1200W. Colour temperature 6000K. Life 2000 Hours (manufacturer's rating).	MSR 1200 W or HSR 1200 W. Socket G22. Colour temperature 5600K. Life 750 Hours (manufacturer's rating). MSD 1200W or HSD 1200W. Colour temperature 6000K. Life 2000 Hours (manufacturer's rating).
COLOURS:	4 Colour wheels, Cyan, Magenta and Yellow wheels provide a virtually infinite range of colours. Fixed colour wheel adds R, G, B and Amber. Rainbow effect is also possible.	4 Colour wheels, Cyan, Magenta and Yellow wheels provide a virtually infinite range of colours. Fixed colour wheel adds R, G, B and Amber. Rainbow effect is also possible.
MOTORS:	6 stepper motors controlled via internal microprocessor.	6 stepper motors controlled via internal microprocessor.
SHUTTER/STROBE:	Fast action shutter for beam blackout. Strobe effect with strobe speed fully adjustable from 1 to 8 flashes per second. Linear dimming from 0% to 100%.	Fast action shutter for beam blackout. Strobe effect with strobe speed fully adjustable from 1 to 8 flashes per second. Linear dimming from 0% to 100%.
CONTROL DIGITAL:	DMX512. 5 channels. 4 channels for colours. 1 for channel for shutter/dimmer.	DMX512. 5 channels. 4 channels for colours. 1 for channel for shutter/dimmer.
COOLING:	Via 2 low noise axial fans.	Via 2 low noise axial fans.
HOUSING:	Extruded, aluminium. Epoxy paint finish.	Extruded, aluminium. Epoxy paint finish.
OPTICS:	Manual zoom 16°-26°.	Manual zoom 16°-26°.
DIMENSIONS (H x W x D):	250mm x 500mm x 580mm. [370mm including bracket].	250mm x 500mm x 580mm. [370mm including bracket].
WEIGHT:	39.5kg.	39.5kg.



# S-IMAGO 1200/2500



S-IMAGO 1200

S-IMAGO is designed for multiple large scale projections, both indoors and outdoors for various applications like architectural, tv, theatrical... as well as for commercial and multimedia communication.

S-IMAGO utilizes a photographic film and allows the user to display up to 100 images of different sizes with the possibility of scrolling the image in all the desired modes.

S-IMAGO is standard equipped with Dimmer, Shutter and Colour-changer in order to intensify the projected images through various effects.

Extraordinary uniform projections - virtually without distortion - are possible with different aperture objective lenses.

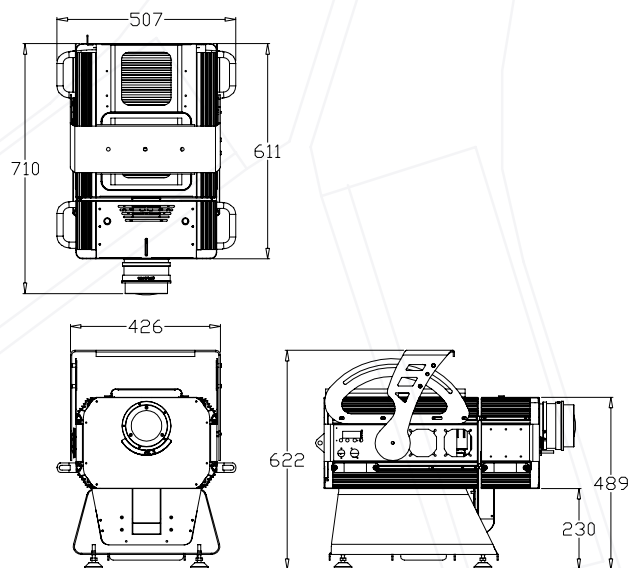
S-IMAGO is controllable via standard DMX 512 or can work in a variety of stand-alone modes. It is also possible to run the S-IMAGO automatically by programming its internal memory, according to intended effects.

Mechanical dimmer: motorised iris built into the objective to allow maximum image uniformity when light is reduced. S-IMAGO can create wonderful and marvellous scenographies with high power luminosity and great flexibility.



S-IMAGO 2500





	<b>S-IMAGO 2500</b>	<b>S-IMAGO 1200</b>
POWER SUPPLY:	180V to 265V, 50Hz/60Hz.	110V to 230V, 50Hz/60Hz (to order).
POWER CONSUMPTION:	HMI 1200 W/S discharge lamp. Colour temperature 6000K. Socket SFC 15.5-6, life 1000 hours (manufacturers ratings).	HMI 2500 W/S discharge lamp. Colour temperature 6000K. Socket Sfa 21, life 500 hours (manufacturers ratings).
OPTICS:	Customer made fused silica optical condensing system, allowing optimal lamp coupling and slide illumination homogeneity within 10%. Built in Near IR and UV optical filters for a long slide lifetime.	Customer made fused silica optical condensing system, allowing optimal lamp coupling and slide illumination homogeneity within 10%. Built in Near IR and UV optical filters for a long slide lifetime.
COLOURS:	3 dichroic filters colour wheel with high chromatic yield + white. Variable speed continuous colour wheel continuous colour wheel bi-directional rotation.	3 dichroic filters colour wheel with high chromatic yield + white. Variable speed continuous colour wheel continuous colour wheel bi-directional rotation.
FOCUS:	Manual focus system.	Manual focus system.
SHUTTER, STROBE:	Fast action shutter for beam blackout also provides strobe effect with 5 strobe speeds. Linear dimming from 0% to 100%.	Fast action shutter for beam blackout also provides strobe effect with 5 strobe speeds. Linear dimming from 0% to 100%.
MOTORS:	5 stepper motors and 2 DC motors controlled by the internal microprocessor.	5 stepper motors and 2 DC motors controlled by the internal microprocessor.
CONTROL:	Standard DMX 512 with digital display and 4 buttons. 9 control channels. Automatic mode.	Standard DMX 512 with digital display and 4 buttons. 9 control channels. Automatic mode.
COOLING:	Forced cooling via low noise axial and tangential fans with electronic speed variation.	Forced cooling via low noise axial and tangential fans with electronic speed variation.
HOUSING:	Projector body in extruded aluminium and steel plate. Metal parts have epoxy powder paint finish. Easy access to lamp and main components. Protection: IP20.	Projector body in extruded aluminium and steel plate. Metal parts have epoxy powder paint finish. Easy access to lamp and main components. Protection: IP20.
DIMENSION:	565mm x 500mm x 635mm.	565mm x 500mm x 635mm (including bracket).
WEIGHT:	45kg.	51kg (projector), 33kg (external ballast unit).
REFERENCE NORM:	CE.	CE.



# GOBO-BOOSTER 250/1200 INDOOR



GOBO-BOOSTER 250 INDOOR

FAL launches a brand new series of gobo projectors names Gobo-Booster and available in different wattages for indoor use that the ideal to be used in retail outlets, shopping malls, restaurants and cafes, showcases or retail shops windows and in any other point of sale. The Gobo-Booster series will rock your world, enlivening you events and animating buildings and structures thanks to its wide array of incredible effects.

All accessories and effects are external, interchangeable and easily replaceable by anyone without the need to use complicated tools, and without the need to open the unit or dirty you hands. These accessories and effects are: Gobo Top with Deflecting Mirror, 5-Gobo Changer, 6-Gobo Changer, Round Sway Mirror, Swivel Mirror, Dynamic Light Effect, Motor for Gobo Cassete 70, Motor for Gobo Cassete 105, 2-fold Prism, 4-fold Prism, Motorized Color Wheel, Shutter, Cloud Effect, Snow Effect, Wind Effect, Standard Lenses Optical Group, 63 mm Wide Angle Optical Group, 45 mm Wide angle Optical Group.

Choose your Gobo-Booster version according to your throw distance need. We also offer you a series of standard gobos with the effects and the possibility to have your gobos customized.



GOBO-BOOSTER 1200 INDOOR



2-FOLD PRISM



WIDE ANGLE 45mm



MOTORIZED COLOR WHEEL



WIDE ANGLE 52mm(Black)



CIRCULAR MOTION MIRROR



WIDE ANGLE 63mm



WATER EFFECT



GOBO CHANGER FOR 6 GOBO



MOTOR FOR GOBO CASSETTE 70



GOBO CHANGER FOR 5 GOBO



RUNNING LIGHT EFFECT



MOTOR FOR GOBO CASSETTE 105

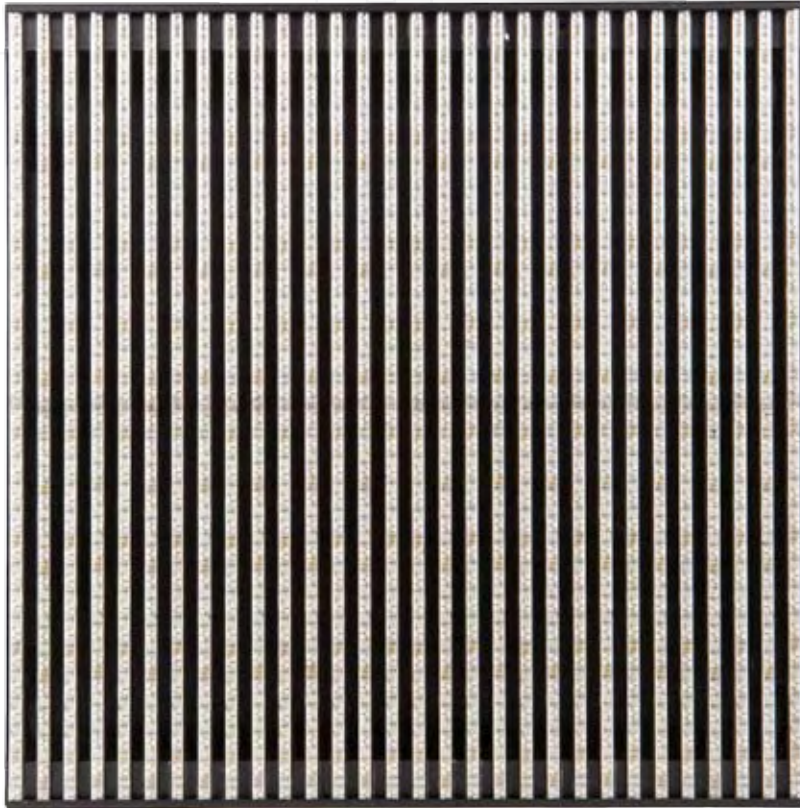


CLOUD EFFECT



# MIRAGE

(Modular LED Screen System)

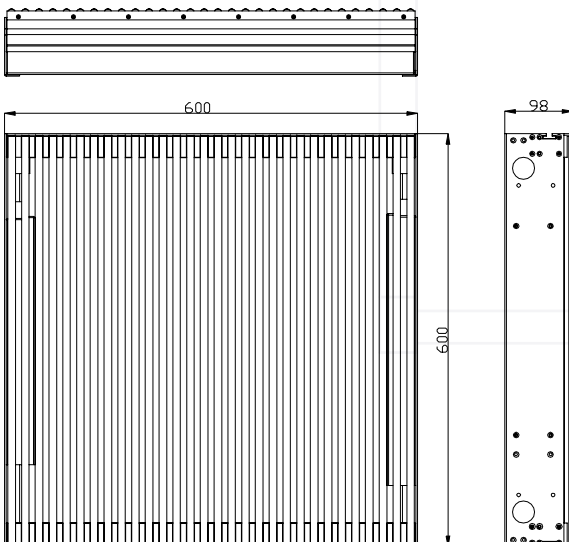


## VIDEO SCREEN

FAL launches a new range of semitransparent modular LED screen named Mirage. This amazing product virtually disappears when not in use and when it is turned on images and video almost magically arise from it.

Its IP64 weather protection factor makes it the ideal not only for stage, TV studios, commercial and retail application, but also for permanent outdoor and indoor applications on buildings, for advertising and promotion purposes and for outdoor events as well.

Mirage opens the door for an exciting and new world of possibilities when it comes to combine design, graphic, imaging and video technology.



## MIRAGE

WORK VOLTAGE:	AC 100V-240V, 50/60Hz.
POWER CONSUMPTION:	210W, Max. 240W.
MAX. SCREEN RESOLUTION:	1280 x 768.
REFRESH FREQUENCY:	60Hz.
PIXEL PITCH:	20mm.
PIXEL DENSITY:	900 point / unit module.
PIXEL FREQUENCY:	1R, 1G, 1B.
UNIT MODULE SIZE:	600 x 600 x 149 mm.
MODULE WEIGHT:	15kg / piece.
GREY SCALE:	R, G, B each 256 grades.
COLOR RANGE:	1677 millions.
AVERAGE BRIGHTNESS:	> 5000 cd/m <sup>2</sup> .
VIEWING ANGLE:	Vertical:100°, horizontal 140°.
OPTIMAL VISUAL DISTANCE:	10-300m.
SCREEN LIFE:	5000hours.
WORK TEMPERATURE:	-20°C to 40°C.
COMMUNICATION DISTANCE:	≤100m.
IP RATING:	IP6,4.
LED PACKAGE TYPE:	SMD3528.
CONTROL MODE:	Static, Constant current.



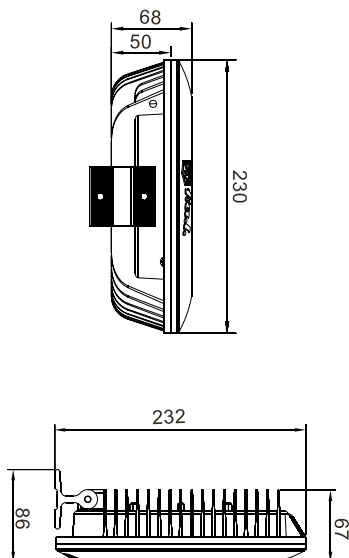
# SCORPIO



Suited for both indoor and outdoor applications, the SCORPIO RGB is the ideal solution for TV studio, discos, clubs and performances on stage. It offers you a powerful tool with six clusters of LEDs.

Pan and tilt are manual and uses a total of 108 powerful RGB LEDs that can offer you color change as desired.

The transformer and controller are separate and located inside an IP66 box for perfect weatherproof insulation. Like our other LED units, the SCORPIO also offers you the possibility to choose the beam angle by replacing the optics and you can choose between 10, 30 or 45 degrees.



## SCORPIO

SOURCE:	108 high brightness 1W power LED (Light-Emitting Diode) units. Continuously variable light intensity. 0-100% electronic dimming facility No UV emission. Virtually instant light production (100ns). Strobe facility (8fps).
SOURCE LIFE:	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTICS:	10° beam angle. 30° beam angle. 45° beam angle. Optional Frost filter for 10° optics version only. 12° x 24° asymmetric angle.
COLOUR VARIETY:	RGB additive colour mixing for countless attractive saturated colours. Theoretical variety of 16.700.000 colour hues.
CONTROL OPERATION:	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
ELECTRICAL SPECIFICATIONS:	Power supply: standard 100-240V / 50-60Hz (Power Box). Power consumption: 150W, 12V/12.5A (full RGB). 6 LED units driven by one Power Box. Thermal protection.
HOUSING:	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system. IP66 protection rating.
EXTERNAL OPERATING LIMITS:	-20°C to 40°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
DIMENSIONS (H x W x D):	960mm x 595mm x 676mm.
WEIGHT:	15Kg.

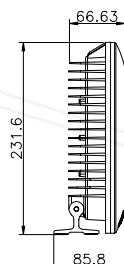
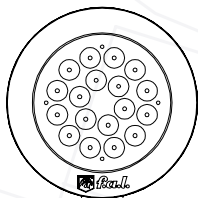
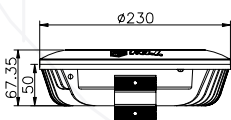


# ORION 18 RGB



The Orion 18 RGB with its elegant and sophisticated design is a high quality, IP66 rated colour changer that is perfectly suited to both exterior and interior applications. The light weight and compact construction combined with the ability to operate in any position and orientation make the Orion 18 RGB simple to install wherever it might be needed. Using 18 powerful and highly efficient LED's as the light sources, the Orion 18 RGB utilises Red, Green, Blue (RGB) colour mixing, controllable via industry standard DMX512 to provide an almost infinite palette of colours and hues, so you can have the colours you need anywhere you need them.

Orion 18 RGB is provided with an in-built, independent controller and power supply and this eliminates the need to have an external and separate controller. It is compatible with any standard DMX512 controller and Stand-alone automatic operational modes.



## ORION 18 RGB OBC

SOURCE :	18 high brightness 1W power LED (Light-Emitting Diode)units. Continuously variable light intensity. 0-100% electronic dimming facility No UV emission. Virtually instant light production(100ns). Strobe facility(8fps).
SOURCE LIFE :	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTICS :	10° beam angle. 30° beam angle. 45° beam angle. Optional Frost filter for 10° optics version only. 12° x 24° asymmetric angle.
COLOUR VARIETY :	RGB additive colour mixing for countless attractive saturated colours. Theoretical variety of 16.700.000 colour hues.
CONTROL OPERATION :	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
ELECTRICAL SPECIFICATIONS :	Power supply: standard 100-240V / 50-60Hz (Power Box). Power consumption:ORION RGB, 30W, 12V/2.5A (full RGB). 6 LED units driven by one Power Box. Thermal protection.
HOUSING :	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system. IP66 protection rating.
EXTERNAL OPERATING LIMITS :	-20°C to 45°C (-4°F to 113°F) temperature. 0-95% relative humidity (non condensing).
DIMENSIONS(H x W x D) :	86mm x 230mm x 232mm .
WEIGHT :	2.5Kg.



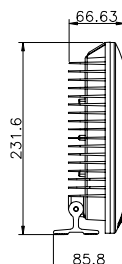
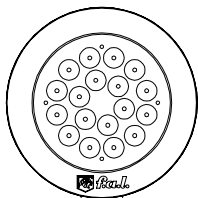
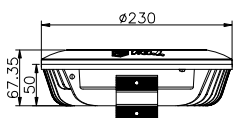
# ORION 18 WHITE CTC



The Orion 18 White CTC is the first of a wide series of newly conceived projectors for the architectural and commercial lighting market. It is ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas.

With 18 powerful high power and high efficiency white LED's as the light sources, and 3 choices of interchangeable beam angles, the Orion features warm to pure white colour temperatures (3000 to 6500 Kelvin). Different white temperatures mixing, which is controllable via industry standard DMX512 provides an almost infinite range of white hues that allow you to choose the white hues you need anywhere you need them.

Orion 18 White CTC is provided with an in-built, independent controller and power supply and this eliminates the need to have an external and separate controller. It is compatible with any standard DMX512 controller and Stand-alone automatic operational modes.



## ORION 18 WHITE CTC

SOURCE :	18 high brightness 3W power white LED (Light-Emitting Diode)units. Continuously variable light intensity. 3 different colors temperature 3000/4100/6500 Kelvin. 0-100% electronic dimming facility No UV emission. Virtually instant light production (100ns). Strobe facility (8fps).
SOURCE LIFE :	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTICS :	10° beam angle. 30° beam angle. 45° beam angle. 12° x 24° asymmetric angle. Frost glass optional.
CONTROL OPERATION :	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
ELECTRICAL SPECIFICATIONS :	Power supply: standard 100-240V / 50-60Hz (Power Box).Power consumption:53W, 12V/4.4A (full RGB). 3 LED units driven by one Power Box. Thermal protection.
HOUSING :	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system. IP66 protection rating.
EXTERNAL OPERATING LIMITS :	-20°C to 45°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
DIMENSIONS (H x W x D) :	86mm x 230mm x 232mm.
WEIGHT:	2.5Kg.



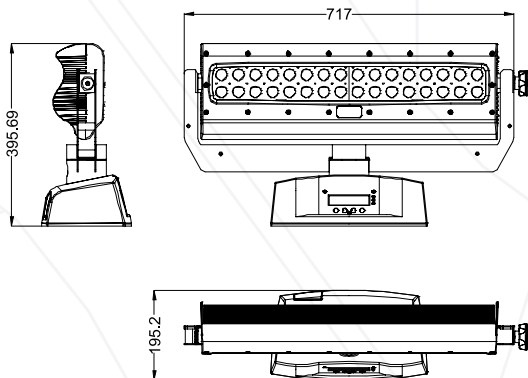
# PEGASO 32 RGB



Powerful and extremely robust, the Pegasus 32 RGB is the ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas and any other architectural application.

Its IP65 weather protection rating makes this product the most versatile fixture available in the market. With 32 powerful high power and high efficiency RGB LED's as the light sources, and 3 choices of interchangeable beam angles, the Pegasus 32 RGB features RGB full-colour colour changing capabilities plus white. Colour mixing, which is controllable via industry standard DMX512 provides an almost infinite range of hues that allow you to choose the right hue anywhere you need it. With over high brightness and constant LED colour temperature, Pegasus 32 RGB positions itself at the top of the range.

The availability of three different beam angle options in the same unit, further enhances the enormous range of potential applications. The aluminium body is provided with an ultra-effective heat sinking system to guarantee you with the longest lifespan possible for the led sources.



PEGASO 32 RGB	
POWER SUPPLY:	AC95-245V,50/60Hz.
SOURCE:	8 Blue high brightness 3W LED's. 16 Green high brightness 3W LED's. 8 Red high brightness 3W LED's.
LED LIFE:	100.000 hours(manufacturers rating).
INTERCHANG:	Please specify lens requirement when ordering.
ENBLE LENSES:	10° beam angle. 30° beam angle. 45° beam angle. 10° x 24° asymmetric angle.
PAN AND TILT:	PAN +/-180° TILT:+/-55°.
CONTROL:	8 channels of DMX 512 standard protocol.
COLOURS:	RGB additive color mixing provides a theoretical variety of 16.700.000 colors. Pre-set selectable color sequences and blends via DMX operation.
HOUSING:	Die cast aluminium body. Scratch resistant grey finish.
EXTERNAL OPERATING LIMITS:	-20°C to 35°C (-4°F to 88°F) temperature. 0-95% relative humidity (non condensing).
IP RATING:	Ip65.
DIMENSIONS (H x W x D):	371mm x 222mm x 747mm.
WEIGHT:	14.5Kg.





# PEGASO 32 WHITE



Powerful and extremely robust, the Pegaso 32 White CTC is the ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas.

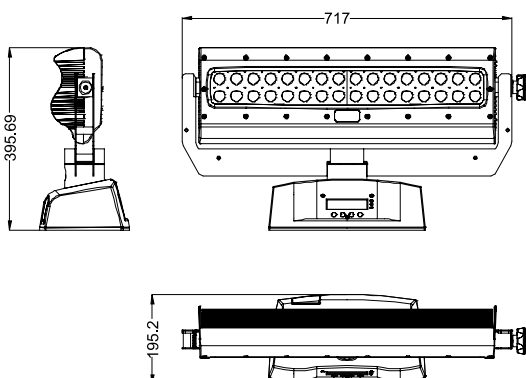
Its IP65 weather protection rating makes this product the most versatile fixture available in the market being perfectly suited to both exterior and interior applications.

With 32 high power and high efficiency white LED's as the light sources, and 3 choices of interchangeable beam angles, the Pegaso 32 White CTC features warm to pure white colour temperatures (3000 to 6500 Kelvin). Different white temperatures mixing, which is controllable via industry standard DMX512 provides an almost infinite range of white hues that allow you to choose the white hues you need anywhere you need them.



## PEGASO 32 WHITE

SOURCE :	32 high brightness LED's in 3 different colors temperature 3000/4500/6500 Kelvin. Continuously variable light intensity. 0-100% electronic dimming facility. No IR. Virtually instant light production (100ns). Strobe facility (8fps).
SOURCE LIFE :	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTICS :	10° beam angle (specify when ordering). 30° beam angle (specify when ordering). 45° beam angle (specify when ordering).
COLOUR VARIETY :	Able to produce color temperatures going from 3000K (halogen warmwhite) to 6500K and intermediate temperatures such as 4000K (equal to fluorescent cool white). 6000K (Daylight).
CONTROL OPERATION :	8 channels of DMX 512 standard protocol. Signal and power cables included as standard.
ELECTRICAL SPECIFICATIONS:	Power supply: standard 100-240V / 50-60Hz. 110W (full RGB). Self-resetting fuse protection in the power supply unit. Internal temperature controlled electronically. Meets all applicable CE safety standards.
HOUSING :	Extruded aluminium and plastic body. Scratch resistant grey finish. Easy mounting system. Ip65 protection rating.
EXTERNAL OPERATING LIMITS :	-15°C to 40°C temperature. 0-95% relative humidity (non condensing).
DIMENSIONS (H x W x D) :	371mm x 222mm x 747mm.
WEIGHT:	14.5Kg.





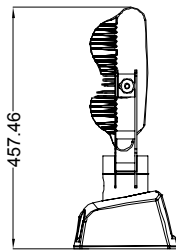
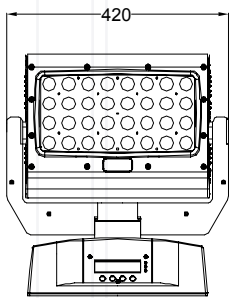
# SIRIO 32 RGB



Powerful and extremely robust, the Sirio 32 RGB is the ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas and any other architectural application.

Its IP65 weather protection rating makes this product the most versatile fixture available in the market being perfectly suited to both exterior and interior applications. The relatively light weight and compact construction combined with the ability to operate in any position and orientation make the Sirio 32 RGB simple to install wherever it might be needed.

With 32 high power and high efficiency RGB LED's as the light sources, and 3 choices of interchangeable beam angles, the Sirio 32 RGB features RGB full-colour colour changing capabilities plus white. Colour mixing, which is controllable via industry standard DMX512 provides an almost infinite range of hues that allow you to choose the right hue anywhere you need it with a constant LED colour temperature, Sirio 32 RGB positions itself at the top of the range.



### SIRIO 32 RGB

MAINS VOLTAGE:	AC 95-245V, 50-60Hz
SOURCE:	8 Luxeon Blue High brightness LED's. 16 Luxeon Green High brightness LED's. 8 Luxeon Red High brightness LED's.
LED LIFE:	100.000 hours (manufacturers rating).
INTERCHANG:	Please specify lens requirement when ordering.
AVAILABLE LENSES:	10° lens PF2791. 25° lens PF2792. 40° lens PF2793. Asymmetrical 10°x24° vertical PF2794. Asymmetrical 10°x24° horizontal PF2794.
PAN and TILT:	Pan +/- 180° Tilt +/-55°.
COLOURS:	RGB additive colour mixing provides a theoretical variety of 16.700.000 colours Pre-set selectable colour sequences and blends via DMX or Stand-Alone operation.
CONTROL:	DMX 512, 8 Channels.
IP RATING:	IP65.
DIMENSIONS (H x W x D):	445mm x 203mm x 384mm.
WEIGHT:	11.5kg.



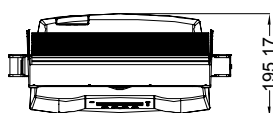
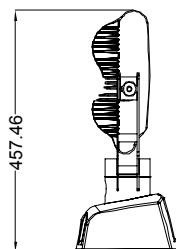
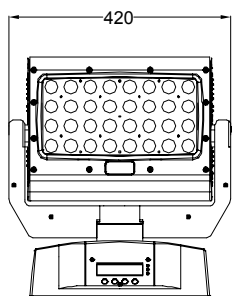
# SIRIO 32 WHITE CTC



Powerful and extremely robust, the Sirio 32 White CTC is the ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas.

Its IP65 weather protection rating makes this product the most versatile fixture available in the market being perfectly suited to both exterior and interior applications. The relatively light weight and compact construction combined with the ability to operate in any position and orientation make the Sirio 32 White CTC simple to install wherever it might be needed.

With 32 high power and high efficiency white LED's as the light sources, and 3 choices of interchangeable beam angles, the Sirio 32 White CTC features warm to pure white colour temperatures (3000 to 6500 Kelvin). Different white temperatures mixing, which is controllable via industry standard DMX512 provides an almost infinite range of white hues that allow you to choose the white hues you need anywhere you need them.



## SIRIO 32 WHITE CTC

<b>Light source:</b>	32 High brightness LED's in 3 different colours temperature 3000/4500/6500 Kelvin. Continuously variable light intensity. 0-100% electronic dimming. No UV. Virtually instant light production (100 ns). Strobe facility (25 fps).
<b>SOURCE LIFE:</b>	The LED light sources have an exceptionally long rated life: 100.000 hours under normal operating conditions as rated by the manufacturer.
<b>BEAM OPTICS:</b>	10° beam angle (Specify when ordering). 30° beam angle (Specify when ordering). 45° beam angle (Specify when ordering).
<b>COLOR TEMPERATURE:</b>	Able to produce color temperatures going from 3000 K (halogen warm white) to 6500 K and intermediate temperatures such as 4000 K (equal to fluorescent cool white), 6000 K (Daylight). Pre-set selectable colour sequences and blends via DMX or Stand-Alone operation.
<b>CONTROL:</b>	4 channels of standard DMX 512. Signal and power cables included as standard.
<b>ELECTRICAL SPECIFICATIONS:</b>	Power supply: standard 100-245V / 50-60Hz. 110W (full RGB). Self-resetting fuse protection in the power supply unit. Internal temperature controlled electronically. Meets all applicable CE safety standards.
<b>HOUSING:</b>	Extruded aluminium and plastic body. Scratch resistant grey finish. Easy mounting system with fixing yoke included. IP65 protection rating.
<b>EXTERNAL OPERATING LIMITS:</b>	-20°C to 40°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
<b>DIMENSIONS (H x W x D):</b>	445mm x 384mm x 203mm.
<b>WEIGHT:</b>	11.5 Kg.



# ANTARES (9,18,27) RGB



The Antares RGB (9,18,27) is a modular and highly flexible LED.

Using highly efficient LED's as the light sources, the Antares utilises Red, Green, Blue (RGB) colour mixing, is controllable via industry standard DMX512, or stand alone mode to provide an almost infinite palette of colours and hues.

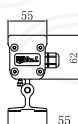
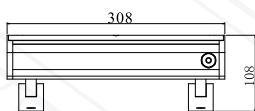
Antares RGB is provided with an in-built, independent controller and power supply and this eliminates the need to have an external and separate controller. It is compatible with any standard DMX512 controller and Stand-Alone automatic operational modes.

The sleek, light and elegantly compact housing not only provides IP66 protection making it ideal for all normal exterior applications, but also perfect for interior use, mountable in any position or orientation. The enormous range of potential applications is further enhanced by the availability of four different beam angle options including asymmetrical light output. The benefits of LED lighting technology are many, with low maintenance, low power consumption, long life and high reliability being the foremost.

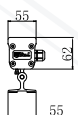
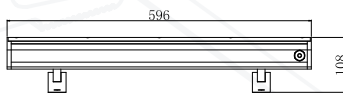
## ANTARES (9,18,27) RGB

SOURCE :	9/18/27 high brightness 1W power LED (Light-Emitting Diode)units. Continuously variable light intensity. 0-100% electronic dimming facility. No UV emission. Virtually instant light production (100ns). Strobe facility (8fps).
SOURCE LIFE :	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTIONS :	10° beam angle. 30° beam angle. 45° beam angle. Optional Frost filter for 10° optics version only. 12° x 24° asymmetric angle.
CONTROL OPERATION :	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
ELECTRICAL SPECIFICATIONS :	Power supply: standard 100-240V / 50-60Hz(Power Box). Power consumption: <b>ANTARES 9 RGB</b> , 16W, 12V /1.3 A (full RGB),6 LED units driven by one Power Box. Thermal protection. <b>ANTARES 18 RGB</b> , 30W, 12V /2.5 A (full RGB),6 LED units driven by one Power Box.Thermal protection. <b>ANTARES 27 RGB</b> , 41W, 12V /3.4 A (full RGB),4 LED units driven by one Power Box. Thermal protection.
HOUSING :	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system.
EXTERNAL OPERATING LIMITS :	IP66 protection rating. -20°C to 45°C (-4°F to 113°F) temperature. 0-95% relative humidity (non condensing).
WEIGHT :	ANTARES 9 RGB:1.4 Kg. ANTARES 18 RGB:2.8Kg. ANTARES 27 RGB:3.3Kg.
DIMENSIONS (H x W x D) :	ANTARES 9 RGB:107 x 55 x 308mm. ANTARES 18 RGB:107 x 55 x 596mm. ANTARES 27 RGB:107 x 55 x 884mm.

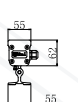
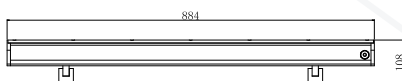
Antares 9 RGB



Antares 18 RGB



Antares 27 RGB





# ANTARES (9,18,27) WHITE CTC



The Antares White CTC is available in 3 different sizes and containing 3 different amounts of LEDs. This luminaire is conceived for the architectural and commercial lighting market. It is ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas.

With 9, 18 or 27 high-brightness high power and high efficiency white LED's as the light sources according to the version you prefer to have, and with 3 choices of interchangeable beam angles, the Antares White CTC features warm to pure white colour temperatures (3000 to 6500 K). Different white temperatures mixing, which is controllable via industry standard DMX512 provides an almost infinite range of white hues that allow you to choose the white shades you need anywhere you need them.

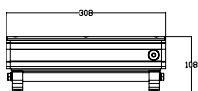
Antares White CTC is provided with an in-built, independent controller and power supply and this eliminates the need to have an external and separate controller. It is compatible with any standard DMX512 controller and Stand-Alone automatic operational modes.



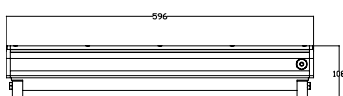
## ANTARES (9,18,27) WHITE CTC

SOURCE :	9/18/27 high brightness 3W power white LED (Light-Emitting Diode)units. 3 different colors temperature 3000/4100/6500 Kelvin. Continuously variable light intensity. 0-100% electronic dimming facility. No UV emission. Virtually instant light production (100ns). Strobe facility (8fps).
SOURCE LIFE :	The LED light sources used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer.
OPTIONS :	10° beam angle.30° beam angle.45° beam angle. 12° x 24° asymmetric angle. Frost glass optional.
CONTROL OPERATION :	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
ELECTRICAL SPECIFICATIONS :	Power supply: standard 100-240V / 50-60Hz(Power Box). Power consumption: <b>ANTARES 9 RGB:</b> 25W, 12V /2.1 A (full light).6 LED units driven by one Power Box.Thermal protection. <b>ANTARES 18 RGB:</b> 50W, 12V /4.2 A (full light).4 LED units driven by one Power Box.Thermal protection. <b>ANTARES 27 RGB:</b> 76W, 12V /6.3 A (full light).2 LED units driven by one Power Box. Thermal protection.
HOUSING :	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system. IP66 protection rating.
EXTERNAL OPERATING LIMITS :	-20°C to 40°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
WEIGHT :	ANTARES 9 RGB:1.4 Kg. ANTARES 18 RGB:2.3Kg. ANTARES 27 RGB:3.3Kg.
DIMENSIONS (H x W x D) :	ANTARES 9 RGB:107 x 55 x 380mm. ANTARES 18 RGB:107 x 55 x 596mm. ANTARES 27 RGB:107 x 55 x 884mm.

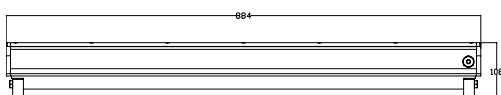
ANTARES 9 WHITE CTC



ANTARES 18 WHITE CTC



ANTARES 27 WHITE CTC





# VOLTA (600/1200) RGB



The Volta RGB is available in 2 different sizes and containing 2 different Types of LEDs. This luminaire is conceived for the architectural and commercial lighting market. It is ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas, especially to light up or accent alcoves or any place that requires bright output but where a small sitting for the lighting fixtures is available. Thanks to its incredible versatility you can use it to replace existing traditional lighting sources such as bulbs or you can use it to simply wash walls and surfaces, accent architectural designs and structures. Owing to its weather protection and two different choices of bodywork colour, the Volta RGB is the most versatile fixture available in the market.

It is perfectly suited to both exterior and interior applications. The light weight and ultra-compact construction combined with the ability to operate in many positions and orientations make the Volta RGB simple to install wherever it might be needed.

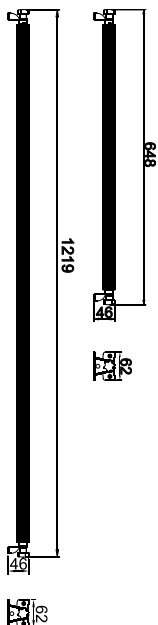
Using powerful highly efficient LED's as the light sources, the Volta RGB utilises Red, Green, Blue (RGB) colour mixing, controllable via industry standard DMX512 to provide an almost infinite palette of colours and hues, so you can have the colours you need anywhere you need them.

## VOLTA (600/1200) RGB

POWER SUPPLY:	230V,50/60Hz (Power box).
POWER CONSUMPTION:	<b>VOLTA 600 RGB:</b> 30W, 12V/2.5A (full RGB). 6 LED units driven by one Power Box. <b>VOLTA 1200 RGB :</b> 52W, 12V/4.3A (full RGB). 4 LED units driven by one Power Box.
SOURCE:	<b>VOLTA 600 RGB:</b> 18 high brightness 1W power LED (Light-Emitting Diode)units. <b>VOLTA 1200 RGB:</b> 36 high brightness 1W power LED (Light-Emitting Diode)units. Continuously variable light intensity. 0-100% electronic dimming facility. No UV emission. Virtually instant light production(100ns). Strobe facility(8fps).
CONTROL:	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
HOUSING:	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system.
EXTERNAL OPERATING LIMITS:	-20°C to 40°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
DIMENSIONS(H x W x D):	<b>VOLTA 600 RGB:</b> 46mm x 62mm x 648mm. <b>VOLTA 1200 RGB:</b> 46mm x 62mm x 1219mm.
WEIGHT:	<b>VOLTA 600 RGB:</b> 0.94Kg. <b>VOLTA 1200 RGB:</b> 1.94Kg.



# VOLTA (600/1200) WHITE CTC



The Volta White CTC is available in 2 different sizes and containing 2 different Types of LEDs. This luminaire is conceived for the architectural and commercial lighting market. It is ideal for environments such as retail outlets, shopping malls, commercial and office buildings, churches and other religious establishments, theatres, TV studios, theatres and cinemas, especially to light up or accent alcoves or any place that requires bright output but where a small sitting for the lighting fixtures is available. Thanks to its incredible versatility you can use it to replace existing traditional lighting sources such as bulbs or you can use it to simply wash walls and surfaces, accent architectural designs and structures. Owing to its weather protection and two different choices of bodywork colour, the Volta White CTC is the most versatile fixture available in the market.

It is perfectly suited to both exterior and interior applications. The light weight and ultra-compact construction combined with the ability to operate in many positions and orientations make the Volta White CTC simple to install wherever it might be needed.

With 18 (600 version) and 36 (1200 Version) high-brightness high power and high efficiency white LED's as the light sources according to the version you prefer to have, The Volta White CTC features warm to pure white colour temperatures (3000 to 6500 K). Different white temperatures mixing, which is controllable via industry standard DMX512 provides an almost infinite range of white hues that allow you to choose the white shades you need anywhere you need them.

VOLTA (600/1200) WHITE CTC	
POWER SUPPLY:	230V,50/60Hz (Power box).
POWER CONSUMPTION:	<b>VOLTA 600 WHITE CTC:</b> 50W, 12V/4.2A (full RGB). 4 LED units driven by one Power Box. <b>VOLTA 1200 WHITE CTC:</b> 97W, 12V/8.1A (full RGB). 2 LED units driven by one Power Box.
SOURCE:	<b>VOLTA 600 WHITE CTC:</b> 18 high brightness 1W power LED (Light-Emitting Diode)units. <b>VOLTA 1200 WHITE CTC:</b> 36 high brightness 1W power LED (Light-Emitting Diode)units. Continuously variable light intensity. 0-100% electronic dimming facility. No UV emission. Virtually instant light production(100ns). Strobe facility(8fps).
CONTROL:	4 channels of DMX 512 standard protocol. Input and output DMX signal connectors.
HOUSING:	Die cast aluminium body. Scratch resistant grey finish. Easy mounting system.
EXTERNAL OPERATING LIMITS:	-20°C to 40°C (-4°F to 104°F) temperature. 0-95% relative humidity (non condensing).
DIMENSIONS (H x W x D):	<b>VOLTA 600 WHITE CTC:</b> 46mm x 62mm x 648mm. <b>VOLTA 1200 WHITE CTC:</b> 46mm x 62mm x 1219mm.
WEIGHT:	<b>VOLTA 600 WHITE CTC:</b> 0.94Kg. <b>VOLTA 1200 WHITE CTC:</b> 1.94Kg.



***f.a.l.***  
The Light Masters

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