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LED SERIES

IMPRESS LED MOVING HEAD



IMPRESS is the first LED fixture capable of competing against a conventional 575W washlight. IMPRESS is not only the first LED moving wash light to give the equivalent of a 575W wash in a compact, lightweight housing, but it meets the 'green' credentials of both hire companies, with the reduced carbon footprint that their own customers are increasingly demanding.

By using 90 Luxeon K2 LED's the Impression is capable of achieving a higher light yield than any existing comparable LED fixture, with 30 each of the RGB color LEDs able to create the entire color spectrum. Impression also comes as a white light version, with 60 cold white and 30 amber LEDs.

The fixture offers 660° pan and 300° tilt — with a complete 660° swing taking less than two seconds; this makes it application-perfect for touring, stage and TV as well as clubs and bars. Without the conventional base module the weight is drastically decreased (to just 7.5kg) and with its flexible and versatile mounting attributes Impression is also ideal for use in architectural lighting.

We are ready to impress you with our latest and most advanced product offering yet which is sure to set the new standard for high power moving yoke wash luminaries.

Smaller...

The most compact moving head wash fixture can be mounted on 14" centers in any position plus compact truck pack allows 6 units in the same space 2 traditional fixtures would take.

Lighter...

Die cast aluminum head and industrial light weight plastics with the fixture weighing in at 16 lbs gives an output lumen to physical weight ratio that is unmatched. Less weight in the truck and rig is always better.

Faster...

State of the art stepper motor control and compact moving mass for quick and accurate movements moving 660 degree pan in less than 2 seconds while at the same time offering smooth and fluid movements.

Brighter...

90 Luxeon K2 LED's arranged in a maximum density allows for light output comparable and often brighter color to color of 575w discharge fixtures.

With the Impression, we a new LED Moving Head in an ultimately compact format. Through its flexible installation options the unit can be installed in various orientations making the Impression especially suitable for a variety of applications. Impression offers all the advantages of LED fixtures:

- **Low Power Consumption / High Output (60 lumens per watt)**
- **Low Heat Emission and no UV or IR**
- **Long Life Operation**
- **Fast & Smooth Color Fades**

Through the use of the new K2 Luxeon high performance LED's, the unit reaches light output higher than a 575W discharge lamp with no less than a 50% power savings. It comes available as an RGB version with 30 LED's per color producing colors through the whole color spectrum and also comes in a White LED version featuring WHITE and AMBER LED's allowing color temperature control from daylight to tungsten. The movement range of the Impression is also unmatched reaching 660 degrees of Pan and 300 degrees of Tilt. These features make the unit ideal for professional stage, theatre, television, exhibit

and architectural applications. The Impression is designed in Germany and built in Europe with several international design and application patents pending.



SPECIFICATIONS

LIGHT SOURCE:

- Additive color mixing
- 90 Luxeon K2 high power LEDs
- Average service life: 100,000 hr.

RGB VERSION:

- 30 LEDs per color wave lengths optimized for maximum visible color gamut

WHITE VERSION:

- 60 cold white LEDs, 30 amber LEDs allow continuous color temperature adjustment

OPTICAL SYSTEM:

- Highly efficient collimator cluster

- Interchangeable lens carrier with 10° beam angle (25° optional)
- Integrated stray light screen

MOVEMENT:

- High precision stepping motor control
- 8 or 16 bit resolution selectable
- Maximum speed 660° Pan in 2 sec., 300° Tilt in 1 sec.
- Position - Feedback

CONTROL:

- DMX-512 protocol
- Backlit graphic LCD control panel
- 4 illuminated buttons
- Low noise temperature control ventilation system
- Overheat protection
- Color calibration feature
- Internal color presets

CONNECTORS:

- DMX XLR 3-pin
- Mains voltage: Powercon input

OPERATION PARAMETERS:

- Mains voltage: 100-240V, 50-60Hz, 350VA
- Maximum ambient temperature: 113°F / 45°C
- Orientation: any

WEIGHT & DIMENSIONS:

- Weight: 16 lbs / 7.5 kg
- Dimensions (height x length x width): 14.5" x 14" x 5.75" / 370 x 340 x 145mm

AVAILABLE UNIT EXTERIOR COLORS:

- Black
- Silver & White [Special order only]

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.