



DIAMOND19

DIAMOND19 is the everyday fixture of the stunning Diamond LED PixelWash family. As a washlight, the 6-66° zoom, even beam and fantastic color range create a true workhorse fixture. For the next level, individual control of each LED pixel, tied with the Diamond's clever optical design and its on-board effects provide "eye candy" effects both to look at and in the air. Powerful, consistent and clever, the Diamond19 makes a statement on every stage.

Features

- 19x15W RGBW FullColor Osram Ostar LED
- 6-66° (1:11) Zoom
- Pixel control of every individual LED
- Advanced onboard effects generator with dynamic macros, static patterns, adjustable foreground and background colors, speed and rotation
- CT channel with White emulation: 2800-9000K
- Liquid cooling system for minimal noise



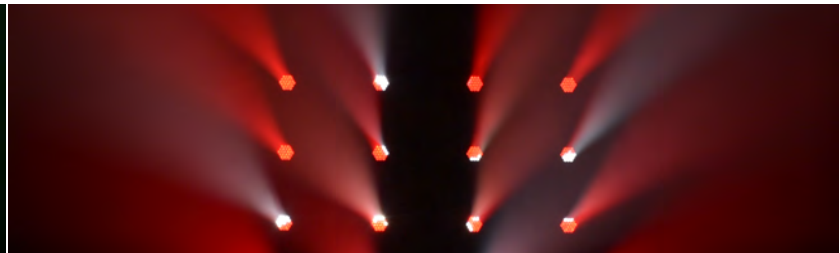
PHOTOMETRICS
AND SPECIFICATIONS
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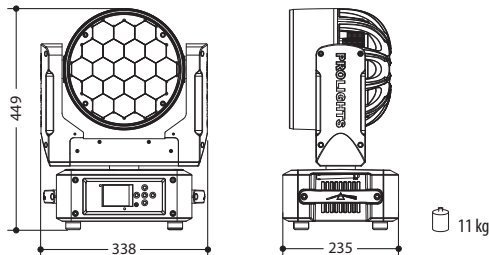
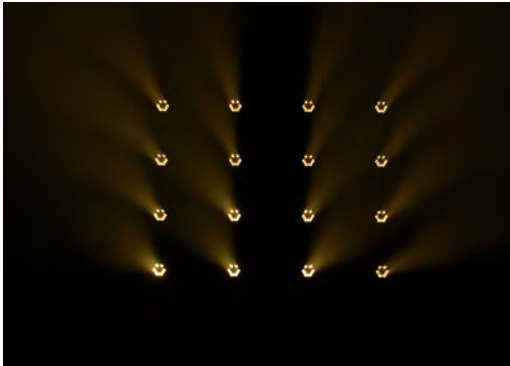


Versions

DIAMOND19BK
Black version

DIAMOND19WH
White version





LIGHT SOURCE

- Source: 19x15W RGBW Osram Ostar LED
- Luminous Flux: 8000lm
- Lux: (6°) 7670 - (66°) 711lux @5m
- Source Life Expectancy: >50,000 h

OPTICS

- Zoom: 6-66° Motorised linear zoom
- Lens Type: Honey-Comb gapless plano convex optics

COLOR SYSTEM

- Color Mixing: RGBW/FC
- CTC: CTC control through independent DMX channel
- White Presets: 2800~9000K
- Color Wheel: Virtual color wheel with presets

DYNAMIC EFFECTS

- Pixel Patterns: Preprogrammed dynamic and static patterns
- FX Generator: Adjustable foreground/background color, index, speed, direction

BODY

- Pan Angle: 630°
- Tilt Angle: 265°
- Pan/Tilt Resolution: 8/16 bit
- Feedback: Automatic repositioning after accidental movement
- Body: Aluminium structure with hi-resistance polycarbonate cover
- Body Color: Black, White finishing available

CONTROL

- Protocols: DMX, RDM
- Dmx Channels: 18/19/20/32/98ch
- Pixel Control: Pixel2Pixel control

- W-DMX: Included, Wireless Solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: LCD high resolution color display
- Firmware Upgrade: Yes, via USB-DMX interface (UPBOX2) not included
- Hibernation: Power Safe Mode when lost DMX
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS

- Dimmer: Linear 0~100% electronic dimmer
- Strobe/Shutter: 1-25 flash/s, electronic
- Battery Backup: Battery backup for user operation without connecting to the main power
- Operating Temperature: -10/45°
- Flicker: Flicker free operation

ELECTRICAL

- Power Supply: 100-240V – 50/60Hz
- Power Consumption (at 230V): 316W
- Power Output (at 230V): 6 units on a single power line

PHYSICAL

- Signal Connection: 3p+5p in/out
- Power Connection: PowerCON in/out
- IP: 20
- Cooling: Combination of liquid cooling system and low noise fan
- Suspension And Fixing: Any position with "quick-lock" omega brackets
- Dimensions (WxHxD): 338x449x235mm
- Weight: 11Kg