Diamond 7

7x15W moving LED wash with pixel effects

Diamond 7 is the most compact fixture of the stunning Diamond LED pixel wash family. As a wash light, the 6° - 66° zoom, even beam and fantastic colour range create a true workhorse fixture. For the next level, individual control of each LED pixel with switch system, tied with the Diamond's clever optical design and its onboard effects provides 'eye candy' effects both to look at and in the air. Compact, consistent and clever, the **Diamond** 7 makes a statement, even when space is an issue.

MAIN FEATURES

- 7x15W Osram Ostar RGBW LEDs provide an extensive and consistent colour range
- Individual control of pixels (on/off switch) with on-board FX generator for fast, precise effects
- Liquid cooling system for efficient cooling with virtually no noise

VERSIONS

Code	Housing
DIAMOND7BK	Black
DIAMOND7WH	White
DIAMOND7CR	Chrome

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 7x15W RGBW Osram Ostar LEDs
- Lux: (6°) 10'980 lx - (66°) 745lx @3 m full
- Source life expectancy: > 50.000 h

OPTICS
- Zoom: 6° - 66° motorised linear zoom
- Lens diameter: 126mm
- Lens type: honeycomb gapless plano-convex optics

COLOUR SYSTEM
- Colour mixing: RGBW / FC
- CCT: CCT control through dedicated DMX channel
- White presets: 2.000 K ~ 10.000K
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Special features: Pixels controlled through On/Off switch for simplified control and budget friendly

BODY
- Pan angle: 630°
- Tilt angle: 265°
- Pan/Tilt resolution: 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: black, white finishing available

CONTROL
- Protocols: DMX512, RDM
- DMX channels: 18 / 19 / 20 / 26 / 50channel
- Pixel control: pixel2pixel control through on/off switch

- Wireless Control: optional, wireless solution receiver
- RDM: RDM for remote monitoring and settings
- Display: LCD high resolution colour display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Hibernation: power safe mode when lost DMX
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 25 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free operation

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 125W
- Max power consumption (at 120V): 125W
- Output (at 230V): 12 units on a single power line

PHYSICAL
- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- Dimensions (WxHxD): 278x348x200mm
- Weight: 6,4kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

9513FCAL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket, L.3m
9533FCAL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FCA socket, L.3m
958025L03	3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB, L. 3m
C6016B	Quick-trigger slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black
OS24	Quick-lock omega bracket.
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

TOUR53413L03	Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FXX XLR (f) 3p, L.3m
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
WSA40501	WDMX, antenna 2.4Ghz 2dBi omnidirectional, folding, SMA-male, indoor
WR24ANG5	WIRELESS SOLUTION, nano RX DMX 3.3V/5V-18V MCX
FCLDIAMOND7	Flight case for 4pcs of DIAMOND7
UPBOX2	Firmware uploader kit, USB IN, 3-pin XLR DMX OUT