

# Diamond 19TW

19x15W moving LED wash Tunable White

ORDER CODE: **DIAMOND19TW**



**Diamond 19TW** is a tunable white version of the stunning **Diamond 19** delivering a consistent 2.600 K - 8.000 K output. The 7° - 42,4° zoom, even beam and precise colour calibration create a true workhorse fixture for an exhibition, corporate or broadcast environment.

## MAIN FEATURES

- 19x15W CW / WW Tunable White Osram Ostar LEDs
- CRI in the range from 70 to 90 (CT dependant)
- 7° - 42,4° zoom range
- CT from 2.600 K - 8.000 K
- Liquid cooling system for minimal noise

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 19x15W Warm White + Cold White Osram Ostar LED
- CCT: 2.600 K - 8.000K
- Luminous flux: 4'810lm @full
- Lux: (6°) 5'859 lx - (40°) 1'089lx @5 m full
- CRI: 97 @2.600 K
- R9: 87 @2.600 K
- Other: TM30: 93 @2.600 K - TLCI: 94 @2.600 K
- Source life expectancy: > 50.000 h

### OPTICS

- Zoom: 7° - 40° motorised linear zoom
- Lens type: honeycomb gapless plano-convex optics

### COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- White presets: 2.600 K ~ 8.000K
- Colour wheel: built-in white presets

### 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

### CONTROL

- Protocols: DMX512, RDM
- DMX channels: 12/13/14/20channel
- Wireless Control: included, 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: 316W
- Output (at 230V): 6 units on a single power line
- Power factor: 0,90

### 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 IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- Dimensions (WxHxD): 338x449x235mm
- Weight: 11kg

### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

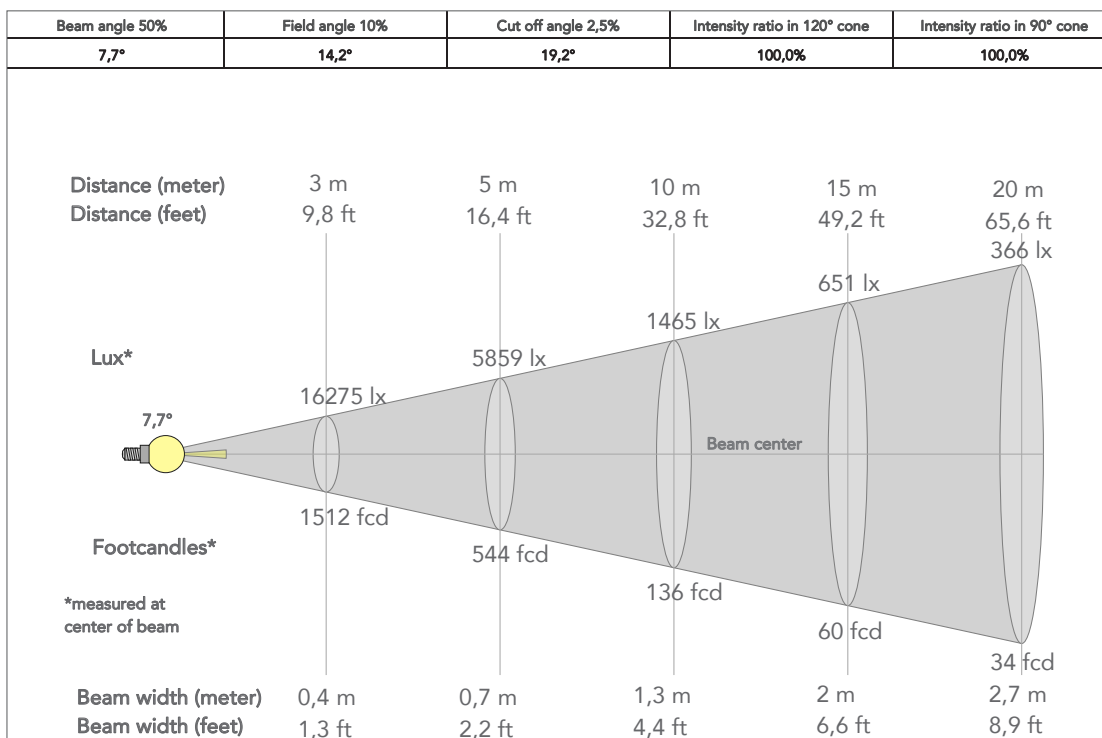
## ACCESSORIES & RELATED PRODUCTS

- |                |   |
|----------------|---|
| ▪ 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                       |
| ▪ FCL40019      | Flight case for 4x STARK400 or DIAMOND19                             |
| ▪ FCLDIAMOND19  | Flight case for 4pcs of DIAMOND19                                    |
| ▪ FCLDIAMOND19E | Flight case for 4pcs of DIAMOND19, made in UE                        |
| ▪ FSHLW01       | 1U Foam shell compatible with DIAMOND19, STARK400                    |
| ▪ UPBOX2        | Firmware uploader kit, USB IN, 3-pin XLR DMX OUT                     |

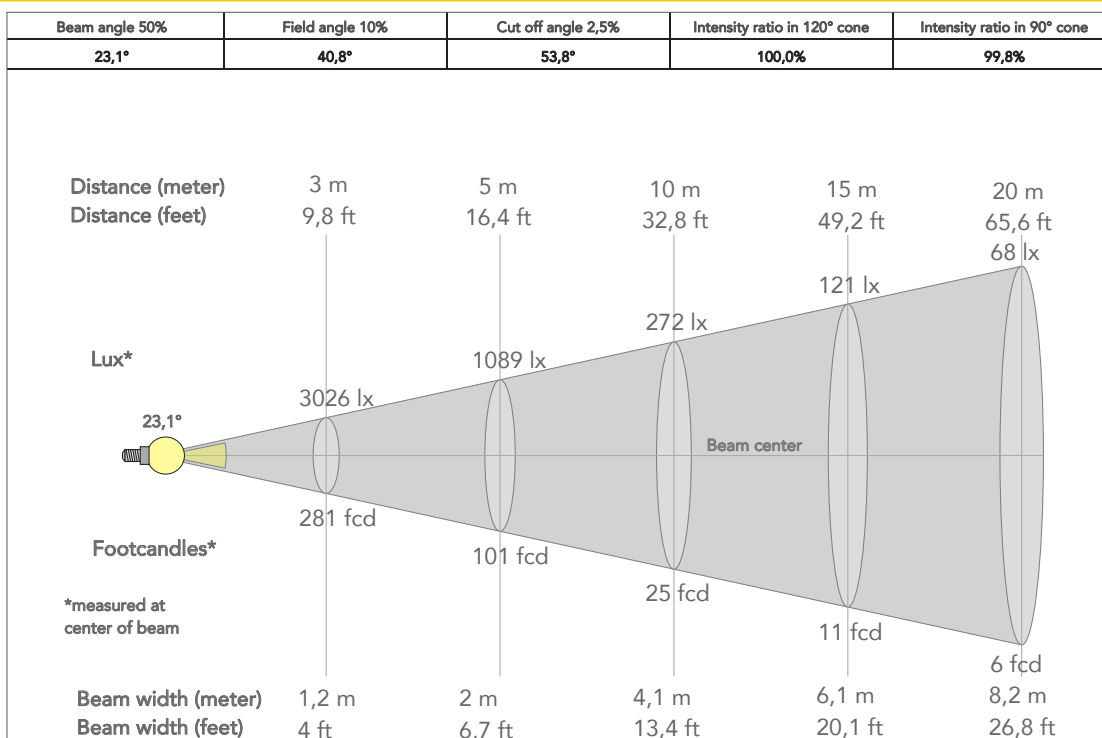
## PRESET FULL ON

Beam angle 50%: 6°

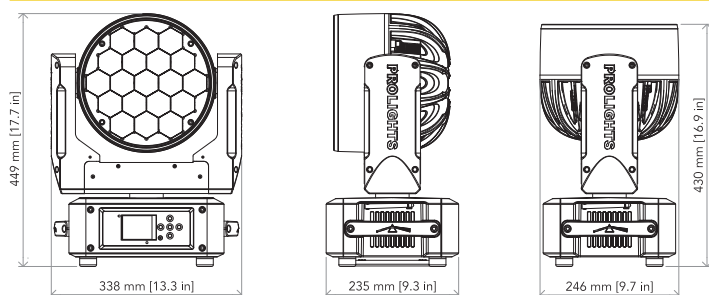


## PRESET FULL ON

Beam angle 50%: 66°



## TECHNICAL DRAWINGS



Visit our website  
for specifications and  
tech documentations

