

# CityFlex 48™

Latest multichip LED technology is harnessed in these customizable powerful LED lines with unbeatably strong and uniform light output suitable for any application with the highest requirements. The unique design (patent pending) allows multiple lighting formats from one fixture – be it a compact floodlight format, traditional linear LED format or a variety of different angled options. The fixture's incredible flexibility means previously unobtainable effects are now available from a single unit. Durable housing of aluminium casting (with IP 65 rating) is fitted with bright multichip LEDs that create ideal colour mixing in single point source of definable pixel pitch. Individually controlled LEDs allow pixel mapping of many custom shaped lines into unique personalized designs. Integrated universal mounting system is prepared for standing or mounting in any position on the floor, wall or trusses.



# Technical Specification

## Source

- Light source: 4 LED line strips, each with 3x Cree MC-E RGBW multichip
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 87.000 hours

## Optical & effects specifications

- High efficient component optics
- Beam angle: 25 °
- RGB W colour mixing
- Preset colours
- High resolution dimmer 0-100%
- Strobe effect with variable speed
- Pre-programmed random strobe pulse-effects
- White colour balance adjusting

## Control and programming

- Setting & Addressing: 4-digit LED display & four control buttons
- Protocols: USITT DMX-512, RDM
- Control channels: 4, 48, 52, 8, 2
- 5 DMX protocol modes
- Pixel control - each LED multichip can be controlled separately
- Wireless DMX
- Stand-alone and master/slave operation
- 3 user editable programs each up to 32 steps
- Data in/out: 1.3 m long cable with 5-pin XLR connectors

## Thermal specification

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum housing temperature: 80 °C (176 °F)

## Electrical specification and connections

- Electronic auto-ranging
- Input voltage: 100 – 240V AC, 50-60 Hz
- Max. power consumption: 120 W
- cETLus compliant

## Mechanical specification

- Height: 162 mm (6.3")
- Depth: 193 mm (7.6")
- Width: 881mm (34.7")
- Weight: 6.5 kg (14.3 lbs)
- LED strips can be separated from control base
- Wide range of LED modules positioning:
- Strips against each other: pan +/- 180°, tilt +/-90° (+/- 30° outer strips)
- All strips towards base: pan +/-50°, tilt +/-90°
- Protection factor: IP 65

## Rigging

- Adapter holder + 1x Omega bracket with ¼-turn quick locks
- Possibility to rig fixture base and LED line strips separately