



## MADESIGN DATA SHEET

MADesign is a versatile interior architectural luminaire that has been developed for lighting objects or people, it combines an original conception with a sleek design. Equipped with new RGBW sources and 45 mm high performance optics, it allows an infinite palette of rich, pastel or saturated colors. The upper part of the luminaire with 5 adjustable spotlights individually controllable can accurately answer all needs. A backlight device is present on the rear of the fixture.

MADesign can be directly controlled by a control panel located on the main mast or with an infrared remote or by DMX and RDM. Equipped as a standard with a wireless DMX/RDM LumenRadio receiver MADesign is designed for fast implementation and effective service for the most demanding of users.

### TECHNICAL SPECIFICATIONS

- **OPTICS**
  - Beam aperture: 25°
  - 85% optic efficiency
  - High-efficiency 45mm PMMA optics
- **LIGHT SOURCE**
  - 5 Multi-chip 15 Watt LED sources
  - Light output: up to 2.000 lumen
  - Rated Sources life: up to 50.000 hours
  - Flicker free sources Management, suitable for TV applications and all video recorded events
- **COLOURS**
  - Sophisticated 4 colours RGBW mixed, reaching high Colour Rendering Index
  - Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
  - 4,29 billion colours (8 bit resolution)
  - Virtual Color Wheel, including most usuals White Color Temperature Presets
  - Dynamic Colour Macro Effect with variable speed
- **DIMMER / STROBE**
  - Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
  - White or colour strobe effect, with speed adjustment from 1 to 25 flashes per second

- **SOFTWARE FACILITIES**
  - Local DMX Addressing of the luminaire and its optional parameters through its built-in LCD panel control
  - Remote DMX Addressing of the luminaire and its optional parameters through a standard RDM DMX controller
  - Information Menu including Hour counter, Temperature, Software version
- **HARDWARE FACILITIES**
  - Graphic LCD Display for addressing and special functions settings, with flip function
  - 5 menu buttons to set the functions
  - Over temperature protection
  - XLR 5 pin male and female connectors for DMX connections
  - Power supply Input / Output through POWERCON connectors
- **CONTROL**
  - DMX 512 protocol, through DMX cable
  - Stand-alone Mode and Master/Slave Modes
  - DMX-RDM compatible
  - Integrated LumenRadio's wireless CRMX RDM receiver
  - Infra-red remote control
  - Local control panel, with LCD display and 5 buttons
  - DMX 512 Input / Output through XLR5 connectors
  - Choice of 9 DMX Modes (from 4 to 27 DMX channels)
- **POWER SUPPLY**
  - Electronic supply with active PFC
  - 110 to 240 Volts – 50/60Hz
  - Power 120 Watt max
  - Power supply Input / Output through powerCON connectors
- **COOLING SYSTEM**
  - Self adjusting variable speed fans for quiet operation (Fan Auto Mode)
  - Selectable ventilation User's Modes
  - Safety protection against temperatures excesses
- **HOUSING**
  - Body in extruded anodized aluminium profile
  - Side in die-cast aluminium
  - Front glass in Tempered glass
  - Removable heavy base in steel
  - IP20 protection rating
  - Exterior finish: black (Carbon)
- **INSTALLATION**
  - Removable heavy base with 3 fixing points
  - 3 captive screws on the foot of the mast

- OPERATING PARAMETERS

Operating positions: floor standing

Maximum permitted ambient temperature authorised (Ta max): 45°C (113°F)

Minimum permitted ambient temperature authorised (Ta min): -10°C (14°F)

Minimum usage distance: 0.2 m (8 inches)

- COMPLIANCE

EU (EMC):

EN 55015 (2006) – EN 55015 A2 (2009)

EN 61547 (2009) – EN 61000-3-2 (2006)

EN 61000-3-2 A2 (2009) – EN 61000-3-3 (2008)

EU (LVD):

EN 60598-1 (2008) – EN 60598-2-17 (1989)

EN 60598-2-17 A2 (1991)

- SIZE

Mast: 90 x 1526 to 2966 x 95 mm (l x h x d)

Base: 980 x 565 x 22 mm (l x h x d)

- WEIGHT

Mast: 17 KG

Base: 25 KG

Total: 42 KG

