

ARTICULIGHT

15-06 Morlot Avenue, Fair Lawn, NJ 07410 USA Tel: (201) 796-2690 Fax: (201) 796-8818

info@articulight.com

articulight@aol.com

www.articulight.com

LED SERIES

Crystal Line



An innovation based on the Mini LED Tubes, the aptly named Crystal Line is fitted with ultrabright LEDs for a clear crystallized light effect output. Only 23mm in width, the Crystal Line is an enhanced solution for entertainment, display, retail and architectural applications. It's fully programmable via direct DMX inputs. RGB color mixing as well as dimming and flashing effects make Crystal Line an exciting lighting product. Mono color versions are available on special order only.

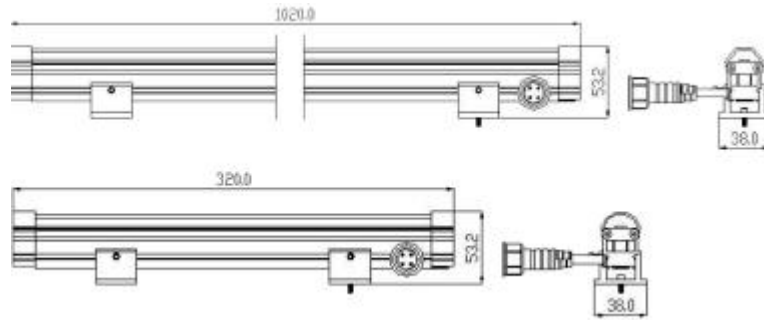
SPECIFICATIONS:

- DC 24V input
- 300mm or 1000mm length, 23mm in width
- 45 or 144 ultra bright LEDs, 15 or 48 each of red, green and blue
- 4 DMX channels, each for red, green, blue, dimming and strobing
- IP 65 rated for weather protection
- Unique design of mounting structure for fast and reliable installation
- Integrated tubing design for maximum aesthetic feel

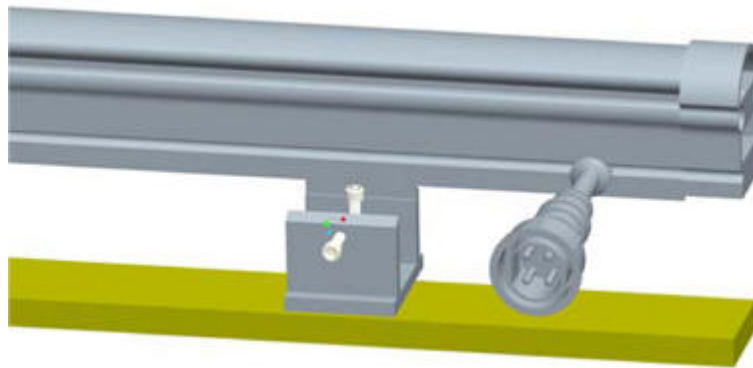
CL300RGB CRYSTAL LINE 300MM RGB
CL1000RGB CRYSTAL LINE 1000M RGB
PS175 POWER SUPPLY 175W
UP TO 10M OF CRYSTAL LINE

- 30 x 60 of beam angle as standard
- Crystal clear tubing in extruded aluminum base
- Harsh environment applicable, working within the range of -40-80c degrees
- Weight: 1.5Kg/1000mm,0.5Kg/300mm

Three Dimensional View

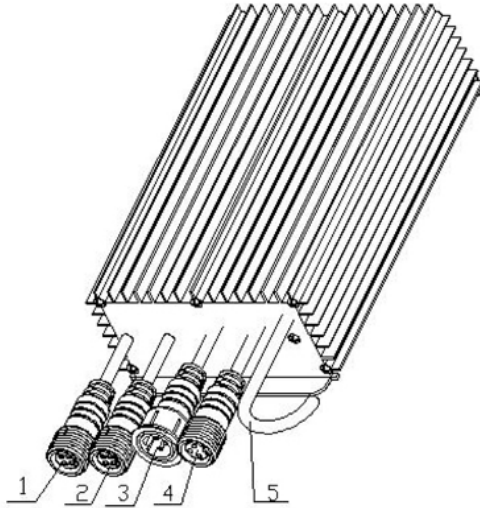


Wiring Diagram Mounting Illustration:



DMX Amplifier Required for Every 32 Meters of CrystalLine
Proprietary design of the mounting brackets for easy and fast installation of the CrystalLine on both fixed and mobile occasions. Each CrystalLine comes complete with two brackets, each bracket to be secured with one screw through the middle, a separate screw applied on the side to fasten the CrystalLine.



**Peripherals:
Power Supply Unit**





- AC 120V/240V 50/60Hz, 175W, DC 24V output. Weather protected -
Measurement: 235 x 132 x 64mm - Weight: 2.3Kg

1. 4-pin female connector for both power and DMX outputs to CrystalLine
2. 4-pin female connector for both power and DMX outputs to CrystalLine
3. 3-pin male connector for DMX output to a second power supply unit
4. 3-pin female connector for DMX input
5. Power input

Cables

"T" Connector		For connection of the CrystalLine to the Power Supply, Two 4-pin water proof female connector + one 4-pin water proof male connector. Transmission of both e power and DMX
Signal Cable		For connection of the Power Supply to the DMX Console, one 3-pin water proof connector + one 3-pin XLR connector. Available in 2m as standard

Ext. 3		Extension cable for DMX transmission from one Power Supply Unit to the next, one 3-pin water proof female connector + one 3-pin water proof male connector. Available in both 5m and 10m as standard
--------	---	--

Ext. 4		Extension cable for connection to the "T" connectors, one 4-pin water proof female connector + one 4-pin water proof male connector. Transmission of both power and DMX. Available in 1m, 5m and 10m as standard

DMX Coder

Device to set DMX addresses for individual CrystalLine featuring the following:

1. LCD Display
2. Operation via keyboard
3. Code reading
4. Code setting
5. Code verification

The next generation of the DMX Coder would be able to read the code direct from the CPU, allocating DMX codes per the CPU ID.

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. MINIMUM ORDER APPLIES.