

**General**

A component of the Wybron Infotrace Series of Products

Outdoor-rated (IP 65), weather-resistant models

Two individual gel strings with multiple densities of CMY for exceptional color integration

432 distinct colors available

User definable end frames

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in USA

**Power/Data**

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

**XLR Connector Pin Out**

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

*\*Not Compatible with Ram II Power Supplies*

**Control**

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Remote fan and/or Time to Destination addresses, user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

**Parameters and features selectable with Infotrace/RDM:**

- Base Address
- Sub Parameter Address (Fan Remote / Time to Destination)
- Self Test Mode

**Infotrace/RDM feedback information**

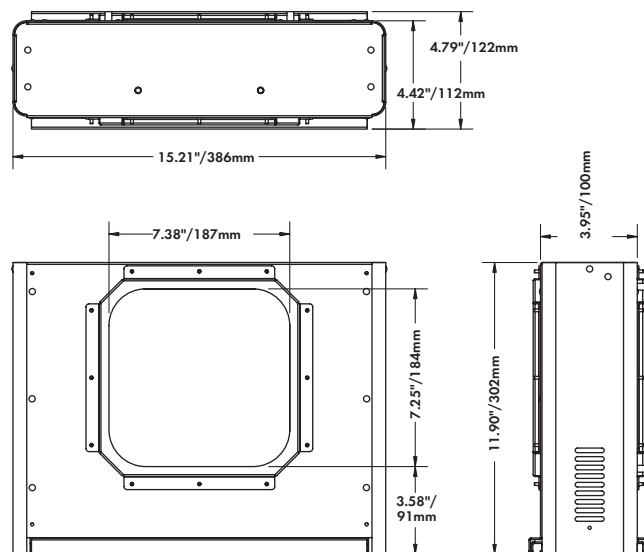
- |   |                    |
|---|--------------------|
| Aperture Light Sensor                   | Voltage Sensor     |
| Unit Temperature Sensor                 | Fan RPM            |
| Pass Through Current                    | Roller Stuck       |
| Hours Since Last Maintenance            | Init Fail          |
| Gel Colors (on IT equipped gel strings) | Fan Stopped        |
| Gel Temperature Sensor                  | High Motor Current |
| Gel string Broken Alert                 | Low Voltage Alert  |
| Gel string Replacement Period Reached   | Gel Wear Counter   |



## Specifications-7.5-inch Mariner

### Dimensions & Weights

7.5" Mariner Model 87220



Weight: 7.0 lbs./3.2kg without mounting plate

### Ordering Information

CXI IT Color Changer	
Model	Description
87220	7.5-inch Mariner color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
CXI Accessories	
7042-XX	Power/Data Cable (XX=Length)*
CXI IT Gelstrings	
87179-Front	7.5-inch Mariner gelstring
87179-Back	7.5-inch Mariner gelstring
CXI IT Mounting Plate INCLUDED. To specify size, see website.	

\* Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths