

**General**

A component of the Wybron Infotrace Series of Products

Color LCD display and 4 membrane buttons for user settings

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Extremely accurate aperture-like dowsing mechanism for smooth uniform light reduction with no light loss

Teflon coated aperture blades are .028 thick 304 stainless steel

Aperture Speed-Fast cut: 1K-.98 seconds  
2K- 1.03 seconds

Low fan speed for quiet operation

Accessory "ears" for color changers, diffusion panels, etc. are standard.

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 the 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

Local control mode via keypad or remote pendant

Fin position /main address, user selectable 1-512

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

- Base Address
- Operating Personality
- Firmware Upgrade

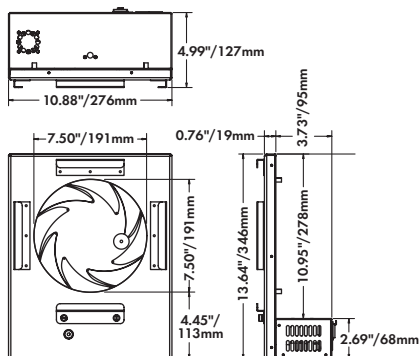
**Infotrace/RDM feedback information**

- Aperture Light Sensor
- Unit Temperature Sensor
- Pass Through Current
- Hours Since Last Maintenance
- Fan Stopped
- Fan RPM
- High Motor Current
- Voltage Sensor
- Init Fail
- Low Voltage Alert



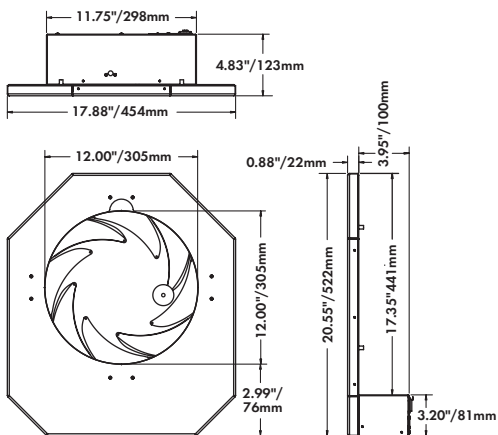
Dimensions & Weights

1K ECLIPSE IT IRIS Model 87250



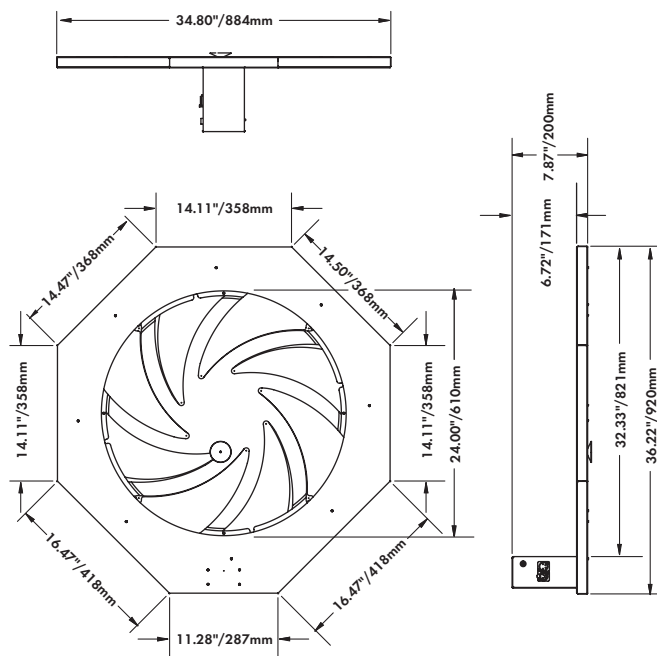
**Weight:** 4.60 lbs./2.09kg without mounting plate  
**Front Door:** 6.25" accessory holder

2K ECLIPSE IT IRIS Model 812020



**Weight:** 8.40 lbs./3.81kg without mounting plate  
**Front Door:** 14.0" accessory holder

24-inch ECLIPSE IT IRIS Model 823020



**Weight:** 31.96 lbs./14.5kg without mounting plate

Ordering Information

ECLIPSE IT IRIS Dowser	
Model	Description
87250	1K Dowser
812020	2K Dowser
823020	Large Format Dowser
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
ECLIPSE IT IRIS Accessories	
7042-XX	Power/Data Cable (XX=Length)*
ECLIPSE IT IRIS Mounting Plate INCLUDED. To specify size, see website.	

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



Advancing The Art Of Lighting