



SuperSport 2.0 FAQs

What is the light performance of a SuperSport 2.0 Light Fixture?

- 40,000+ Lumens; Remotely Enabled/Disabled and Dimmable in real-time from 0 – 100%
- 100+ Lm/W
- 5,600K CCT – Default; Remotely Adjustable in real-time from 2,500 – 6,000K
- Fully Integrated RED, GREEN, BLUE and AMBER Color Support
- 80 CRI (optional 90 CRI available)
- 23, 34, 53 or 65 Degree Beam Angle

What are the Integrated RED, GREEN, BLUE and AMBER Color Capabilities of SuperSport 2.0?

Integrated in each SuperSport 2.0 Luminaire is *RED, GREEN, BLUE and AMBER* color support that is independently controlled via the Windows based Venue Manager Software Platform. The following parameters can be adjusted individually for each color in each SuperSport 2.0 Luminaire to support full color mixing;

- Enable/Disable
- Dimmable
- Strobe Flashing Rate
- Sequencing

These parameters enable you to generate any color of the visible light spectrum to construct a multitude of different lighting scenes for any event.



How does the SuperSport 2.0 Luminaire provide real-time adjustable Color Temperature support?

Using the Venue Manager Software Platform with its highly integrated *RED, GREEN, BLUE and AMBER* Color Support each SuperSport 2.0 Luminaire Color Temperature can be adjusted to support the full LED temperature range from; 2,500 – 6,000K.

What are the physical dimensions of SuperSport 2.0 Luminaire?

- 25" Long by 10" Round
- 22 lbs.

SuperSport 2.0 provides an amazing 2,000 lm/lbs. by using the patented Carbon Based Foam developed by the Oak Ridge Oak Ridge National Laboratory for high efficiency thermal management.

How is each SuperSport 2.0 Luminaire individual remotely controllable?

SuperSport 2.0 is an intelligent luminaire with each light fixture individually addressable. Each SuperSport 2.0 has an ARM 32-bit Microprocessor that communicates via Ethernet/IP 4.0 to a Windows based Venue Manager Software Platform. Working in concert, they enable real-time individual control and diagnostics of each SuperSport 2.0 Luminaire

What are the real-time control and measurement capabilities of the SuperSport 2.0 Luminaire?

Working in Concert with Windows based Venue Manger Software Platform each SuperSport 2.0 Luminaire has the following real-time control and measurement capabilities;

- Enable/Disable the Light Output
- Dimmable with more than 16,000 Brightness Levels
- Variable Strobe Flashing Rate on All Colors and White
- Full Range of Color Temperature Adjustment (CCT)
- Multiple Emergency Modes
- Measure Light Fixture Ambient Temperature with Predictive Maintenance
- Multiple Light Usage Profiles for Energy Management

Does SuperSport 2.0 Support DMX

Yes – Any Industry standard DMX512-A Controller will interface to the Windows based Venue Manager Software Platform via any Enttec USB compatible interface box using Arc-NET;

<https://en.wikipedia.org/wiki/Art-Net> . Arc-Net is a lighting industry standard communications protocol for transmitting the DMX512-A lighting protocol over IPv4. Enttec USB compatible interface box converts the DMX512-A EIA-485 interface to USB Interface and Venue Manager transmits the DMX512-A/Arc-NET Protocol Commands via IPv4 to the SuperSport 2.0 Luminaires for execution.

How does Venue Manager Capabilities compare to DMX?

	Venue Manager	DMX
Communication	Full Bi-Directional	One Way; Controller to Luminaire
Communication Channels	Unlimited	512
Control Levels	4,000,000,000	256
Diagnostics	Yes	No
Graphical User Interface (GUI)	Yes	No
Protocol	IPv4	UART with No ECC Support
Physical Interface	Ethernet	EIA-485