

SPECTRUM OS



Let there be light, in full color

Experience the power of enhanced cinematic lighting with the most dynamic control system in the game. More control. More shots.

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About Spectrum OS

Never met a scene it couldn't light.



Spectrum OS2.8 adds new features to the Auroris and brings improved stability and added enhancements to the LiteDimmer Spectrum AC600. Spectrum OS2.8 provides the tools needed to create your best work with the addition of sACN, ArtNet, and Low-End Dimming.

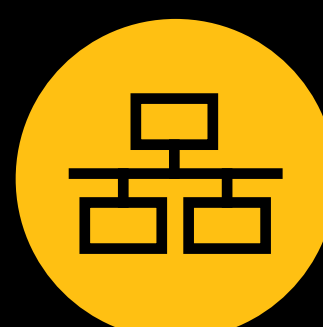
Spectrum OS2.8 adapts to your way of working. The updated interface is intuitive and easy to use, making Spectrum OS stand out from the crowd even further. And like all LiteGear products, Spectrum OS is backed by our best-in-class customer support.



Streaming ACN (sACN)

Spectrum OS 2.8 features sACN, allowing you to control your LiteGear fixtures through the etherCON connection on the LiteDimmer AC600 rear panel.

sACN is ideal for creating large-scale light shows because it enables multiple universes of DMX signal to run over a network. It was designed for multicasting, allowing pixel controllers to subscribe to the universes they need, so you don't have to worry about matching IP addresses with controllers when setting up the sending software.



ArtNet

Spectrum OS 2.8 now offers ArtNet, allowing you to control your LiteGear fixtures through the etherCON connection on the LiteDimmer AC600 rear panel.

ArtNet has unique features that facilitate the management of the gateway data source, allowing you to use it as the discovery, management, and RDM tool, while using sACN for live control data. While you can work completely within the ArtNet realm, some installations and specifiers require or prefer the use of sACN. However, unlike ArtNet, sACN does not support network management or RDM.

Low-End Dimming

This feature eliminates LED drop-out and is completely flicker-free light output* between 0% and 100%.

By utilizing a truly high frequency PWM dimming method, even high frame rate and high shutter speed applications can be achieved without any detrimental flicker effects.



Additional Features



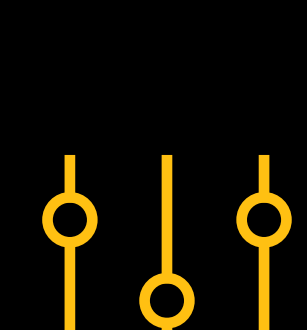
Nudge

Seamlessly adjust your light without ever looking at the screen. The Nudge feature allows the user to combine the use of encoders and screen-side buttons which gives a higher level of control and speed when adjusting parameters such as CCT, accent color, saturation, and tint. The audition and nudge feature can be used in conjunction for the ultimate set of light controls.



CurrentSense

Sometimes limits are a good thing and that is certainly true for CurrentSense. This feature is an intelligent power manager that looks out for you by allowing larger light fixtures to operate on ballasts with smaller power sources. CurrentSense is perfect for limiting the power from on-board batteries which may not be able to handle full power output of the fixture.



DMX Transmit Mode

Operate the ballast in local mode while simultaneously outputting DMX signal to other Spectrum devices. Now one ballast can control many using DMX Transmit Mode. Up to twelve large-format Spectrum pixels, spread over multiple fixtures, can be controlled by one ballast using 5-Pin DMX cable or the built-in Lumen Radio wireless.



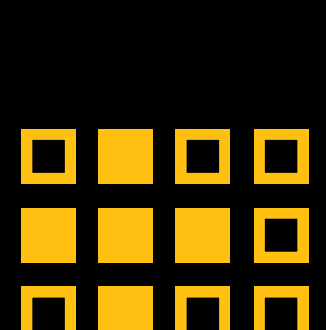
RDM Implementation

Remote Device Management (RDM) allows nearly all settings of Spectrum OS2 to be accessed over DMX networks by compatible devices. Convenient for when the ballast is inaccessible.



DMX Streaming Monitor

When DMX signal is detected, the Spectrum ballast immediately switches to override its operation from local to remote control. With the switch down, OS2 shows live streaming data, often useful for troubleshooting.



Additional Enhancements

Additional enhancements include Improved Color Science and Tint Feature, Streamlined Menu Navigation, Ballast Status Visibility, Enhanced Low-Light Color Consistency, and much more.

* Spectrum OS 2.8 applies only to the LiteDimmer Spectrum AC600. This firmware will not operate on any other LiteDimmer including the LiteDimmer Spectrum DC200. Please click here for LiteDimmer Spectrum DC200 firmware information and updates

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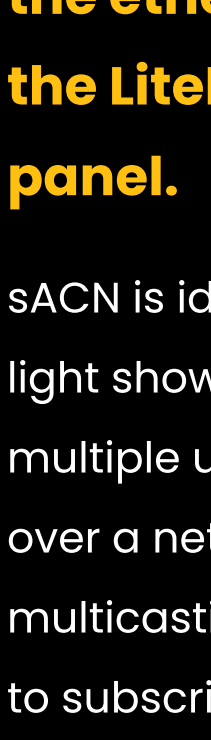
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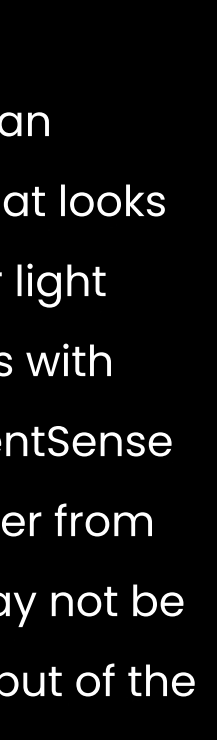
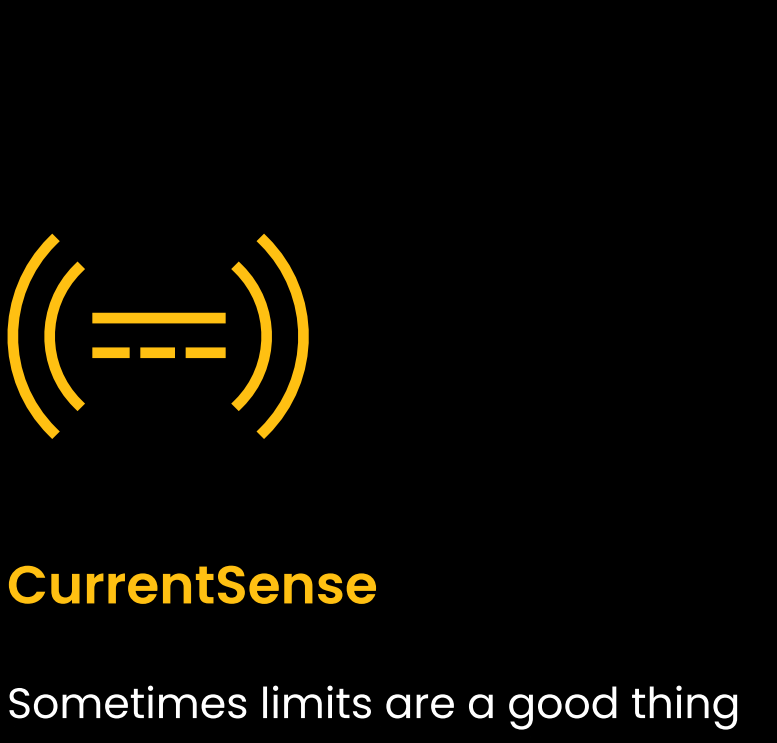
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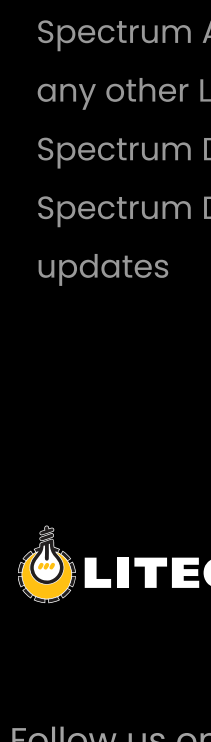
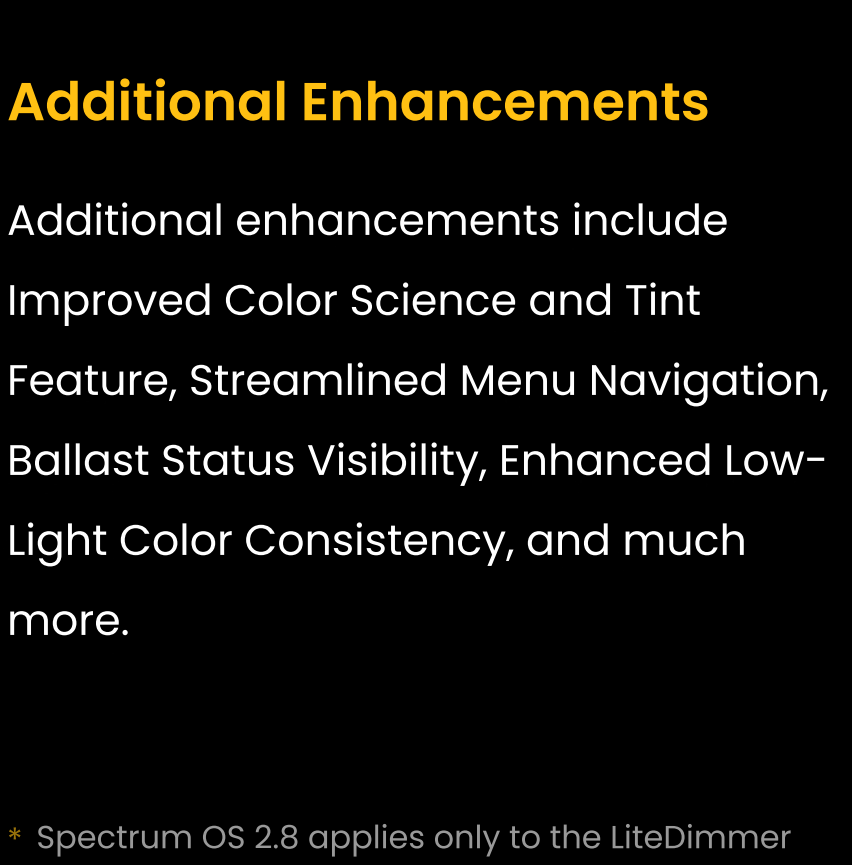


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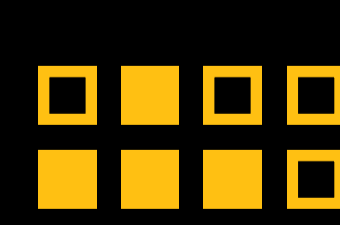
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