

Support

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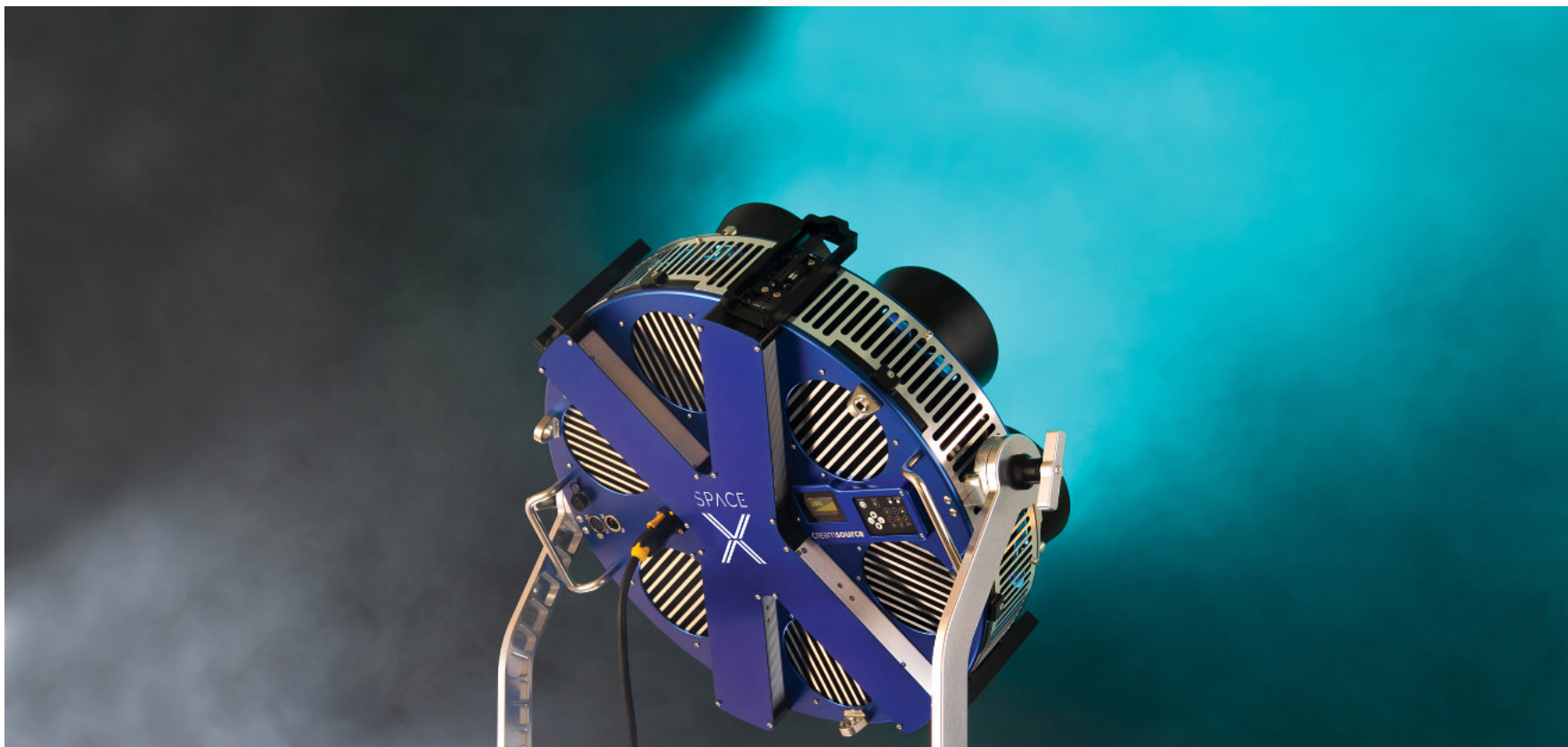
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About the Space X

Overview

The Creamsource SpaceX is a 1200W, full colour (RGBWA) LED softlight fixture with continuous colour adjustment from 2200K up to 15000K, including full control of Green/Magenta axis. Wireless DMX is built in using the LumenRadio system.

Please take the time to read this manual before using your Creamsource Space X. This will give you a good understanding of the full functionality and capabilities.



Space X in action







About the Space X

Part Numbers

The table below lists part numbers for the Creamsource Space X system.

Part Number	Description
CSX-1200-C	Creamsource SpaceX Luminaire, 1200W with full colour mixing. Power Supply is built into the unit

Warnings

- 
 High power LED light is emitted from this product. Do not stare directly into the beam, permanent eye damage could result
- 
 Case can get hot during normal operation. Please take care when handling unit. Maximum Surface Temperature $T_c = 70 \text{ deg C}$
- 
 Fixture has dangerous voltages inside. **Do not open.**
- 
 Falling hazard - make sure unit is properly secured and all three rigging chains are attached
- 
 If the external flexible cable of this luminaire is damaged, it must be replaced by an original cable from the manufacturer or service agent.
- 
RISK GROUP 2 - Moderate Risk. CAUTION! Possibly hazardous optical radiation emitted from this product. Do not stare in an operating lamp. The luminaire should be positioned such that prolonged staring into the luminaire at a distance closer than 4.0m is not expected.

About the Space X

Compliance Notes

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: **(1)** This device may not cause harmful interference, and **(2)** This device must accept any interference received, including interference that may cause undesired operation.

Certifications: CE, PSE, FCC, RCM



Please make sure discarded electrical waste is properly recycled to reduce environmental impact. Please use a separate collection facility or contact the supplier from which this fixture was purchased.

Getting started

What's in the Box

SpaceX ships with the following items included in the box.

- 1 *SpaceX*
- 2 *Yoke*
- 3 *AC PowerCON Cable*
- 4 *T30 Torx Key*



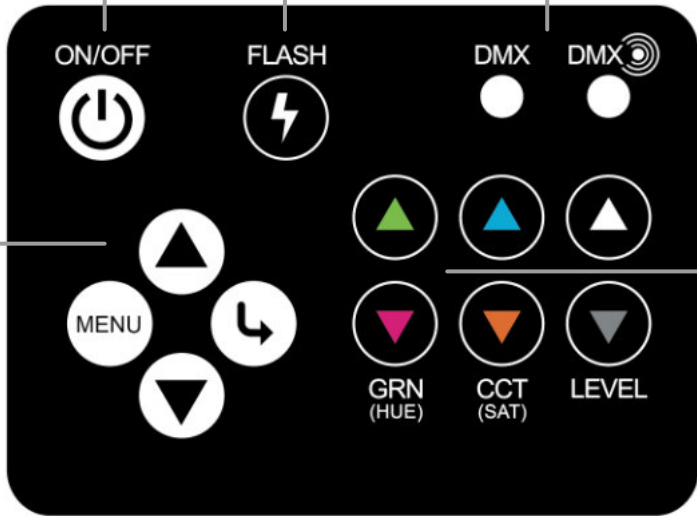
Getting started

Controlling the Space X

There are four different ways of controlling the fixture, which are detailed below.

- 1 On-board keypad and display
- 2 Wired DMX
- 3 Wireless DMX using inbuilt Lumen Radio system
- 4 Wired remote dimmer control *(sold separately)*

On-board Keypad and Display



ON/OFF
Press to turn light on and off

FLASH
Flashes light on or off when held down

DMX LED
Flashes yellow rapidly when DMX signal is present

DMX LED
Flashes blue rapidly when wireless DMX signal is present

MENU
Press to go back a menu level.

SELECT ↩
Press to accept current menu item or setting

UP ▲
Press to scroll up, or increase setting value. Hold to scroll quickly

DOWN ▼
Press to scroll down, or decrease setting value. Hold to scroll quickly

GRN (HUE)
Adjust Green/Magenta bias from Full Minus Green to Full Green (-100 to 100 on display). Also controls Hue when in HSV mode

CCT (SAT)
Adjusts CCT from 2200K to 15000K. Also controls Saturation when in HSV mode

LEVEL
Adjusts intensity from 0 to 100%

Getting started

Menu Functions

The table below outlines all the menu items and a brief description of their function, for firmware **V1.4.7** and above.

COLOUR MODE	→	Normal - CCT	→	Switch to CCT mode to produce white light with CCT and GRN/MAG control
		Colour - HSV	→	Switch to HSV mode to produce colours with Hue and Saturation control
EFFECTS MODE	→	NO EFFECT	→	Turn off effects
		Strobe	→	Switch to strobe mode
		Random	→	Switch to Random Flashing mode
		Colour Cycle	→	Switch to Colour Cycle mode
		Calibrate Sync	→	Switch to Calibrate Sync Mode
PRESET	→	2700K	→	Set colour temperature to 2700K, GRN/MAG to 0
		3200K	→	Set colour temperature to 3200K, GRN/MAG to 0
		4500K	→	Set colour temperature to 4500K, GRN/MAG to 0
		5600K	→	Set colour temperature to 5600K, GRN/MAG to 0
		6500K	→	Set colour temperature to 6500K, GRN/MAG to 0
DMX Address	→		↕	Use UP/DOWN arrow keys to set DMX address from 1 to 494 (<512 to allow for all channels to be patched)
DMX Scenario	→		↕	Use UP/DOWN arrow keys to set DMX Scenario from 1 to 10 (see DMX implementation tables for complete description of different scenarios)
Boost Brightness	→			Boost Brightness allows for increased light output when unit is running at low temperatures. When Boost Brightness is NOT enabled, the output level of the light is restricted to that of the normal 'HOT' running temperature of the light, even if the light is running cooler than normal. This prevents 'output droop' as the unit heats up
FAN MODE	→	Auto	→	Fans speed is variable depending on temperature
		Quiet	→	Fans will constantly run at lowest speed
		Medium	→	Fans will constantly run a medium speed
		High	→	Fans will constantly run at high speed
		Pause	→	Fans will stop running, until maximum temperature is reached - then will run in Quiet mode
Advanced	→	LumenRadio Unlink	→	Select this to unlink Lumen Radio from transmitter
		LumenRadio Enabled	→	Lumen Radio Receiver can be enabled or disabled
		High Speed	→	Enable High Speed Mode – this increases the PWM frequency of the unit to allow fast frame rate shooting (up to 2,000fps). The drawback of using High Speed mode is that the dimming and colour changing of the unit becomes less fluid and smooth. When disabled, frame rates of up to 500fps are achievable.
		DMX Terminated	→	Enable to terminate DMX line with 120R resistor internally. The last fixture in the DMX chain should have this option selected
		Display Always On	→	If this is not enabled, then the OLED display will switch off after a period of no key-presses, to lengthen it's lifespan and prevent screen burn-in
		Information	→	Displays information screen with serial number, temperatures, unit run-hours and other vital statistics
		Restore Defaults	→	Restores user defaults including DMX address, Scenario and other settings

Getting started

Wired DMX Control

Standard 5 pin XLR connectors are located on the back of the unit.

When a valid DMX signal is detected, the yellow DMX indicator LED will flash on the rear of the unit and the keypad controls for the light are disabled. These are restored several seconds after loss of DMX signal. After around 15 seconds of valid DMX input the OLED Display will power off automatically – press any key on the keypad to turn it back on again.

The desired DMX address can be selected from the main menu. Please see the DMX Implementation Tables for more information about the channel mapping options.

As with all DMX installations, the last unit in the chain should be terminated. This can be done through the menu system, by selecting **MENU->Advanced->DMX Terminated**.

Wireless DMX Control

Every Space X unit has built in Wireless DMX control using the Lumen Radio system.

When a valid wireless DMX signal is present, the blue indicator LED will flash rapidly. The current signal level will also be displayed on the top status area of the OLED screen

After around 15 seconds of valid DMX input the OLED Display will power off automatically – press any key on the keypad to turn it back on again.

If wired DMX is connected at the same time as the Wireless DMX is receiving data, then the wired connection will take control.

The DMX address and scenario should be set in the same manner as for wired DMX.

To unlink the Lumen Radio module, go to **Menu->Advanced->Unlink Lumen**.

Please see *Lumen Radio documentation* for more information about the wireless DMX system.

Wired Remote Dimmer

The wired remote dimmer plugs into the 7 pin Accessory connector on the back of the unit. This will allow limited access to the menu system of the unit for setup and also control of Levels, CCT, Green/Mag, Hue, Saturation and DMX address/Scenario.

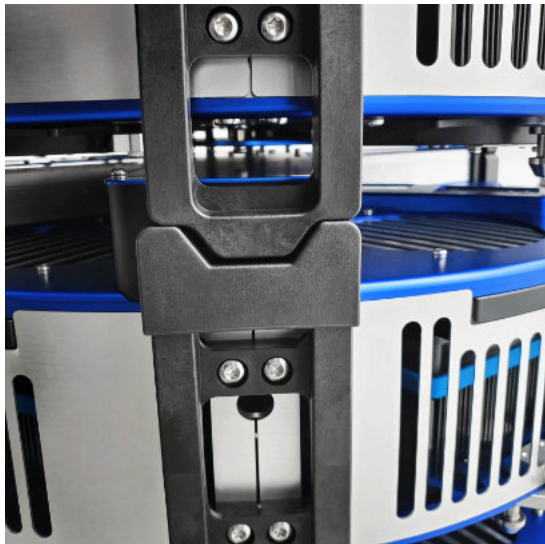
Pre-Production

Transport and Safety

The SpaceX has been designed to transport multiple units safely. Up to 5 units can be stacked for storage or transportation. This unique ability keeps the SpaceX units safe from damage and knocks and allows for maximum units to be stowed where storage is limited.

The lumen radio antenna must be stowed away after use to prevent damage.

Caution must be taken when lifting a SpaceX unit. The unit weight is **18kg/40lbs**.



① *Align stacking feet to interlock with the SpaceX unit below.*



② *Stack the SpaceX.*



③ *Ensure that antennas are stowed away for safe storage.*

Production On-set

Yoke Assembly

The SpaceX Yoke is included featuring a quick release rail safety system for easy and safe attachment and removal from the fixture.



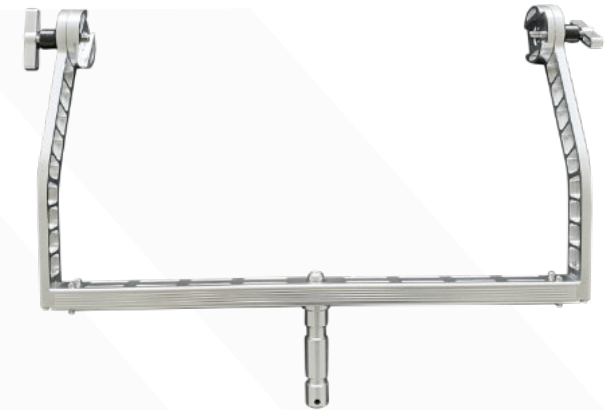
① *Included parts.*



② *Use the hex key to fix yoke arms to base.*



③ *Adjust until finger tight, do not over tighten.*



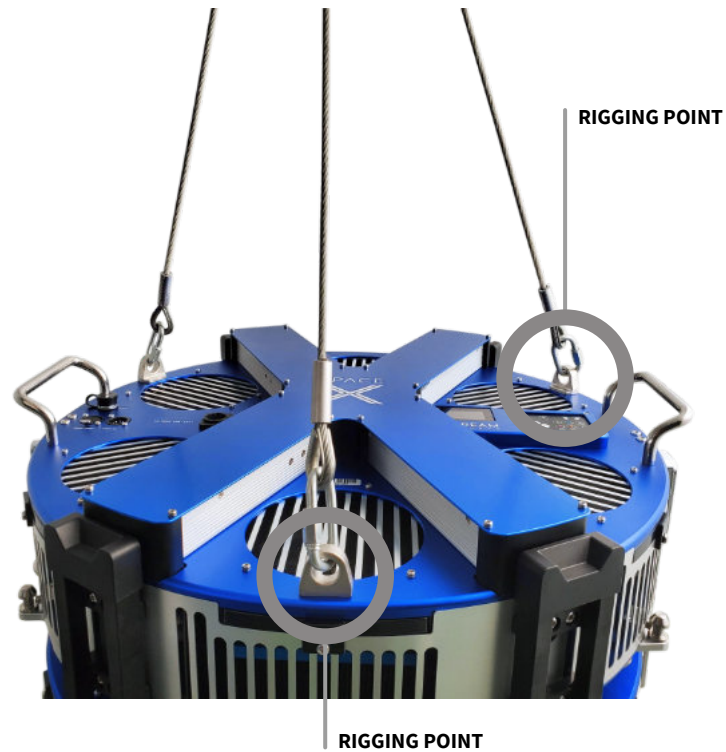
④ *Repeat on the other side.*

Production On-set

Rigging

Three rigging points are provided for attachment of the correctly rated safety cables to hang the unit. Make sure to use cables rated to withstand the full weight of the unit: **18kg / 40lbs**

 *Ensure that mounting point is safe and secure and is rated to take the full unit weight*



Production On-set

Silk Skirt Attachment

Three spigots are provided for attachment a silk and/or black skirt to the underside of the unit.

1



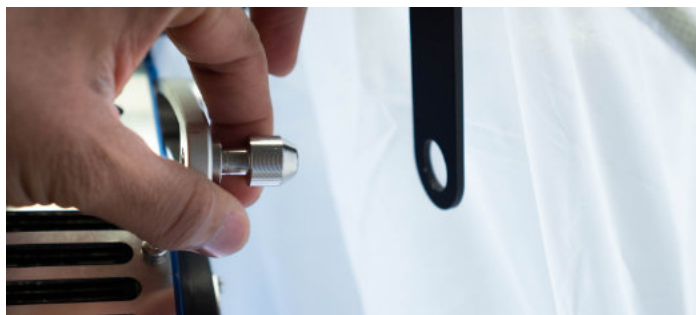
Locate spring loaded pins for skirt attachment.

2



Carefully retract spring loaded pin for attachment.

3



Attach the pin to skirt or speed ring.

4



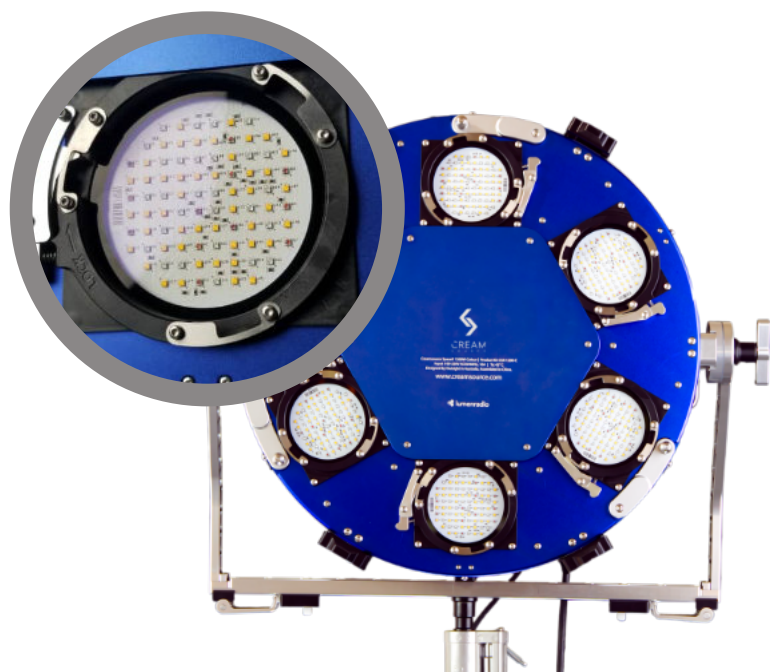
Repeat the process for each of the 3 pins.

Production On-set

Optics

The Creamsource SpaceX has a naked beam angle of 115 degrees, offering a naturally wide spread to fill a space light skirt fully for top-light applications.

Built in directly to the fixture is a bowens type locking mechanism on each LED engine allowing for optional optical modifiers.



Without optics fitted the SpaceX provides a soft, even beam with an angle of 115°.



With the optional optics fitted the beam angle is reduced to 50° – this doubles the light intensity in the center of the beam. The beam is still remarkably soft and even.

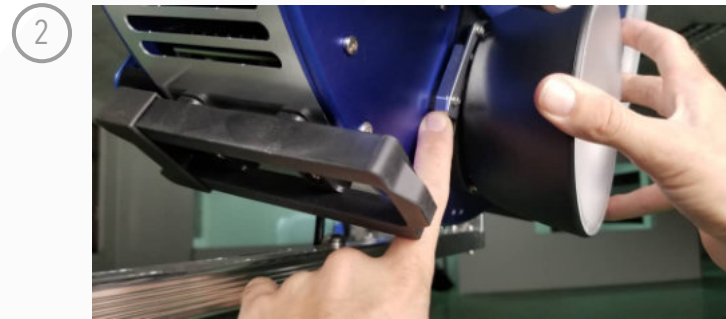
Production On-set

Installing a Modifier

Adding a fitted modifier is easy and can be done with these simple steps:



Align the 3 prongs on the modifier with three grooves on the locking mechanism.



Push in and twist to the right until the modifier clicks into place.



To release the modifier, push the release latch in and twist the lens to the left.



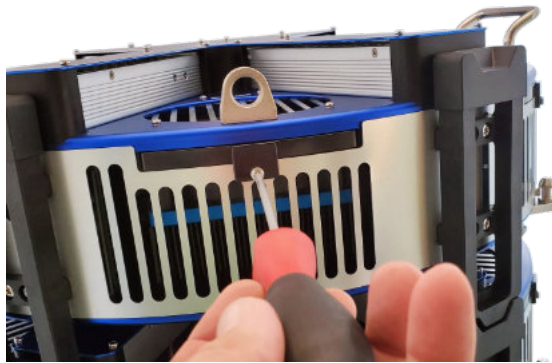
With the optional optics set applied to the fixture, the beam angle is reduced to 50 degrees. This doubles the intensity of the already bright SpaceX fixture.

Maintenance

Cleaning the Filter

The SpaceX has a filter that sits behind each of the 6 fans on the fixture. This should be cleaned every month of heavy use with clean soapy water. The filters must be left to fully dry before re-installing.

1



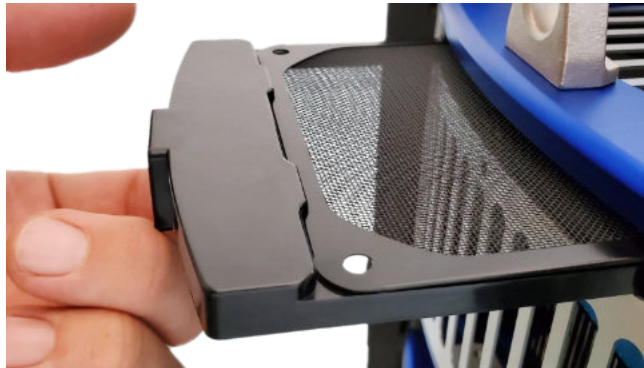
Unscrew the filter filter tray.

2



To release, pull from under the screw location.

3



Simply pull outwards.

4



Separate the filter and filter tray for cleaning. Clean with soapy water and dry filter thoroughly.

Maintenance

Changing the Fuse

In the case of fuse failure in the SpaceX, replace the fuse with a 16A, Time Lag, 250VAC, 5mm x 20mm Cartridge Fuse, VDE / UL Approved. eg. Schurter 0001.2516



The fuse plug is located next to the AC port.



Unscrew the fuse plug connector.



Specifications

Specs for the Space X

Info	Description
Model Number	<i>CSX-1200-C</i>
Head Weight	<i>18kg / 40lb</i>
Dimensions	<i>590mm (DIA) x 187mm / 21.5" x 7.4" (Excluding Yoke)</i>
Protection Class	<i>IP20</i>
Beam Angle naked	<i>115 degrees</i>
Beam Angle Lensed	<i>50 degrees</i>
Maximum Ambient Temperature	<i>40°C</i>
Cooling	<i>Active - Low Noise Fans with DMX speed control and pause</i>
Estimated LED Lifespan (L70)	<i>50,000hrs</i>
Input	<i>100-240V AC, 50-60Hz, Max 16A</i>
Power Requirement	<i>1200W</i>
Rigging	<i>Standard 3-wire points or yoke mount via 28mm junior spigot</i>
Warranty	<i>5 year warranty on registered fixtures, 12 months on accessories</i>

Specifications

Warranty

We stand by our quality, to learn more about Warranty Terms and Conditions, please visit:

<https://creamsource.com/5-year-warranty/>

Support

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Creamsource

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