CELEB
IKON 12

User Manual



Model ID: KFIKON12

Edition Notes

The CELEB IKON 12 User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the CELEB IKON 12 as of the release date of this edition.

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Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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Document Revision

Go to www.chauvetprofessional.com for the latest version.

Revision	Date	Description
3	10/2026	Updated Model ID on cover and Item Name in technical specifications.

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1. Before You Begin

What Is Included

- CELEB IKON 12
- AC power cord
- Standard diffusion
- Yoke jr pin
- Quick Reference Guide

Claims

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product's control panel

Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.



Any reference to data or power connections in this manual assumes the use of Seetronic IP-rated cables.



The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.
Connection of the control signal: DMX line

- **The product has XLR sockets for DMX input and output.**
- **Notice: This control circuit is isolated and belongs to the Class 2 data port.**

The control circuit has a cumulative leakage current of less than 3.5 mA.

Safety Notes

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.

- The luminaire is intended for professional use only.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than
  19.7 in (50 cm) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.
- **CAUTION:**
  - This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
  - When transferring the product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow the product to fully acclimate to the surrounding environment before connecting it to power.
- **ALWAYS:**
  - Disconnect from power before cleaning the product or replacing the fuse.
  - Replace the fuse with the same type and rating.
  - Use a safety cable when mounting this product overhead.
  - Connect this product to a grounded and protected circuit.
- **DO NOT:**
  - Open this product. It contains no user-serviceable parts.
  - Look at the light source when the product is on.
  - Leave any flammable material within 50 cm of this product while operating or connected to power.
  - Connect this product to a dimmer or rheostat.
  - Operate this product if the housing or cables appear damaged.
  - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
  - Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
    - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
    - Locations where normal temperatures exceed the temperature ranges in this manual.
    - Locations that are prone to flooding or being buried in snow.
    - Other areas where the product will be subject to extreme radiation or caustic substances.
- ONLY use the hanging/mounting bracket to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- The minimum ambient temperature is -22°F (-30°C). Do not operate the product at lower temperatures.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- In the event of a serious operating problem, stop using immediately.

If this Chauvet product requires service, contact Chauvet Technical Support.

This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.

All applicable local codes and regulations apply to proper installation of this product.

FCC Statement of Compliance

This device complies with Part 15 Part B 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Warning for North America and Australia

Warning! This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Expected LED Lifespan

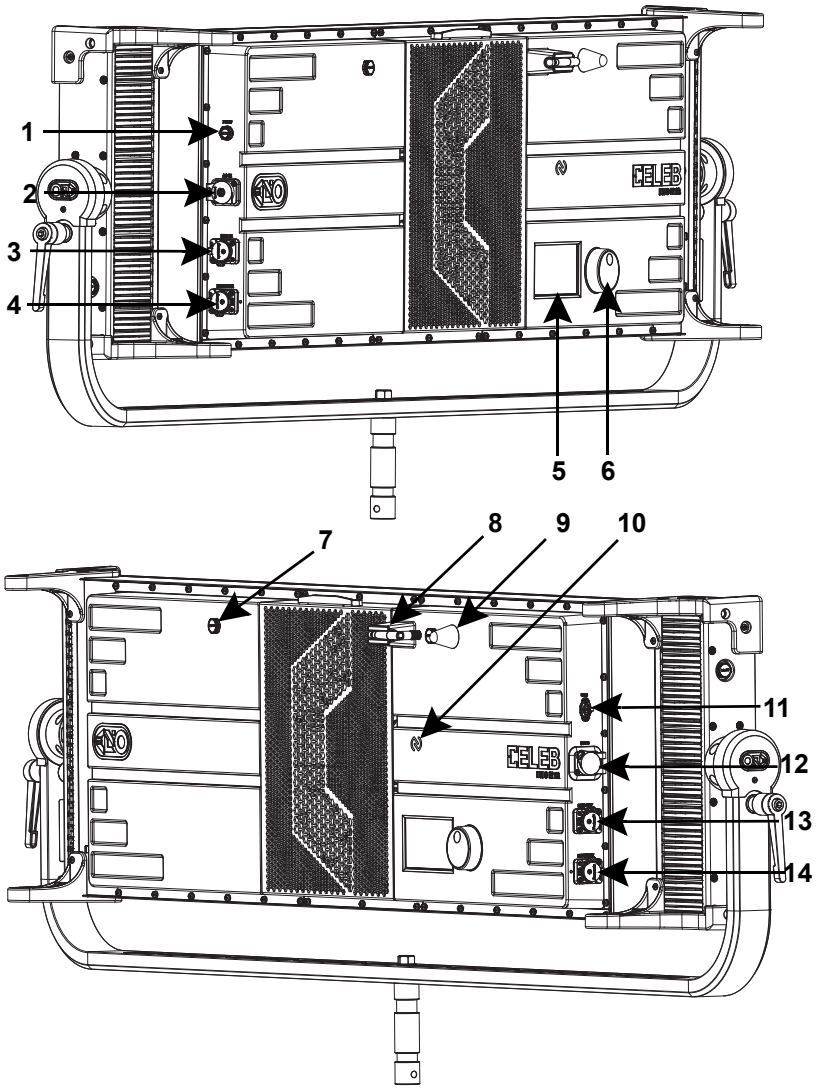
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product, and limit the overall intensity.

2. Introduction

Features

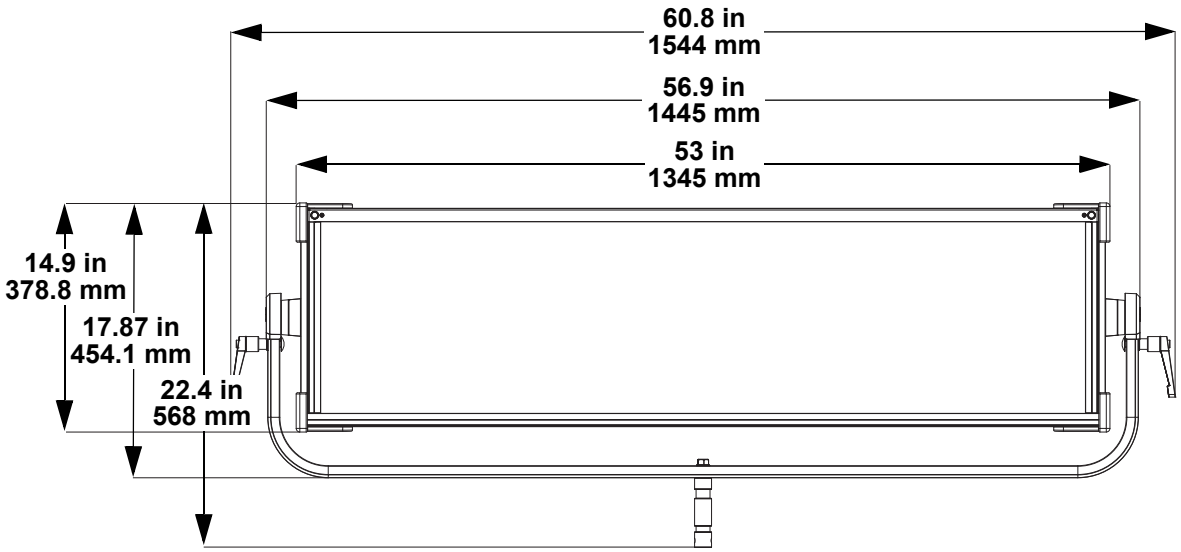
- IP65-rated 1200W full-spectrum soft light with 5-color LED system (tungsten, daylight, red, green, blue) and 8 independently controlled zones
- High-resolution color LCD touchscreen with multiple color control modes: CCT, CIE xy, gel list, hue angle and saturation, RGB, and selectable color spaces (sRGB, P3, Rec 2020)
- Built-in CRMX wireless DMX (factory swappable to City Theatrical Multiverse), 5-pin XLR DMX, Art-Net, sACN, RDM, Bluetooth, and NFC control
- 20 DMX personalities including multi-zone control, linear dimmer curve, USB=C firmware updates, preset storage to USB, and thermal fan management with silent mode

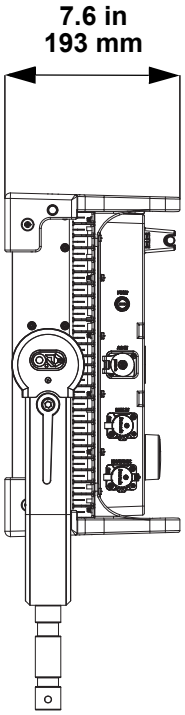
Product Overview



#	Name
1	Fuse holder
2	AC in
3	DMX in
4	Ethernet in
5	LCD display screen
6	Encoder knob
7	Condensation valve
8	CRMX antenna
9	Bluetooth antenna
10	NFC antenna
11	USB-C port
12	Sync
13	DMX out
14	Ethernet out

Product Dimensions





3. Setup

AC Power

The CELEB IKON 12 has an auto-ranging power supply and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

- **Always connect the product to a protected circuit (a circuit breaker or fuse). Ensure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**

Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

AC Plug

The CELEB IKON 12 comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and an Edison plug on the other end (U.S. market).

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with another fuse of the same type and rating.
4. Screw the fuse holder cap back in place and reconnect power.

Signal Connections

The CELEB IKON 12 can receive a DMX, Art-Net™, sACN, or a wireless Lumenradio CRMX™ signal. The product has 2 Seetronic Etherkon-compatible through ports and 5-pin DMX in and out ports. If using other compatible products with this product, it is possible to control each individually with a single controller.

DMX Linking

The CELEB IKON 12 can be linked to a DMX controller using a 5-pin DMX connection. If using other DMX-compatible products with this product, it's possible to control each individually with a single DMX controller.

Remote Device Management

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The CELEB IKON 12 supports RDM protocol that allows feedback to make changes to menu map options.

Art-Net™ Connection

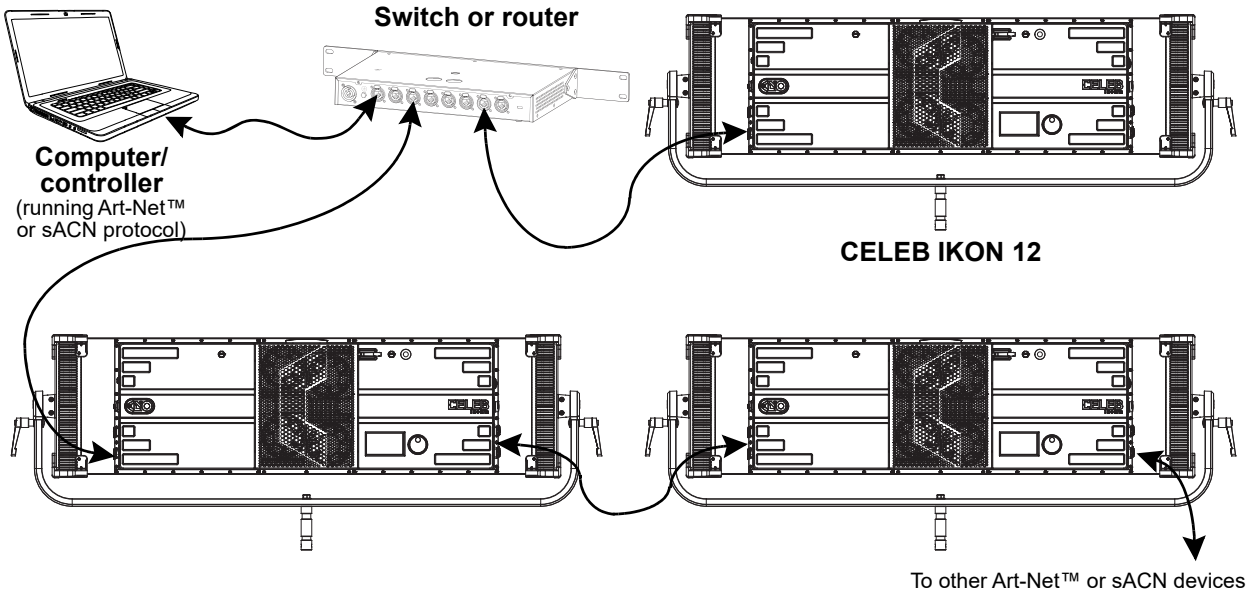
Art-Net™ is an Ethernet protocol that uses TCP/IP which transfers a large amount of DMX512 data using an ethernet connection over a large network. An Art-Net™ protocol document is available from www.chauvetprofessional.com.

Art-Net™ designed by and copyright Artistic Licence Holdings Ltd.

sACN Connection

Also known as ANSI E1.31, streaming ACN is an Ethernet protocol that uses the layering and formatting of Architecture for Control Networks to transport DMX512 data over IP or any other ACN compatible network.

Ethernet Connection Diagram



Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation

Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

Rigging

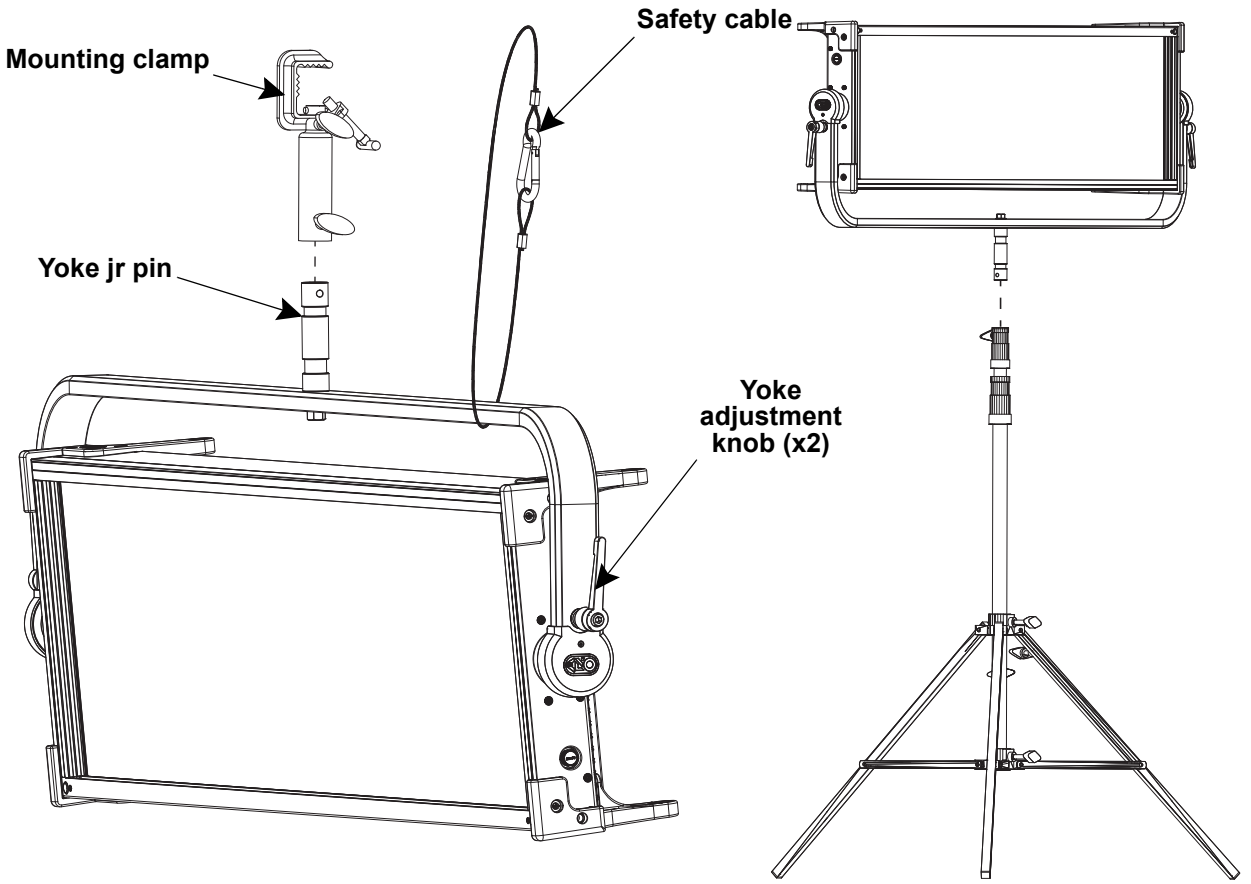
Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the Technical Specifications for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power-linking cables to reach.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.

Procedure

The CELEB IKON 12 comes with a junior pin. Mounting clamps are sold separately. Make sure the clamp is capable of supporting the weight of this product. For the Chauvet Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram



4. Operation

Control Panel Description

The CELEB IKON 12 is operated using the touch screen LCD and encoder knob on the back of the fixture.



Button/Knob	Function
<Modes/Admin>	Toggle between the **Modes** and **Admin** options displayed along the top of the screen
<Input>	Access **Input** sub-menu to enable/disable input sources
<Preset>	Access **Preset** sub-menu to store, name, and select custom colors
<Lock>	Enable/disable LCD touch screen
<On/Off>	Turn on/off the LED light
<Encoder Knob>	Increase/decrease a value or scroll through a list of options. Press to enable **Macro Adjust Mode** (values increase/decrease in larger increments)

Modes

The Modes sub-menu allows users to adjust the output of the CELEB IKON 12. For information on how to adjust specific values, see the Adjusting Values section of the User Manual.

Button	Image	Function
<xy>	**Fig. 1**	Select a color by plotting a point on the CIE chromaticity diagram
<G/M>	**Fig. 2**	Shift a CCT towards green or magenta
<Gel>	**Fig. 3**	Select from a list of preset color gels
<HS>	**Fig. 4**	Manually adjust hue and saturation
<RGB>	**Fig. 5**	Manually adjust red, green, and blue values to create a custom color
<MZD>	**Fig. 6**	Demonstrate color/zoning with rapidly-changing pattern
<Dim>	**–**	Adjust dimmer value for current mode
<CCT>	**–**	Adjust correlated color temperature for current mode

Fig. 1

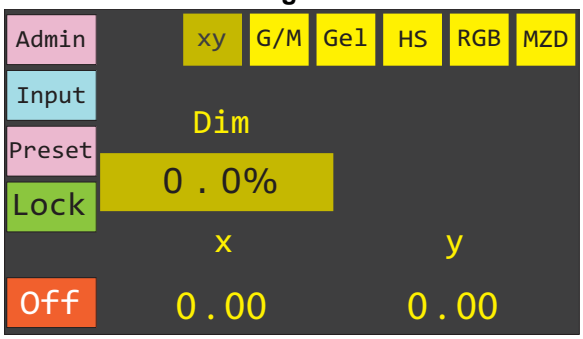


Fig. 2

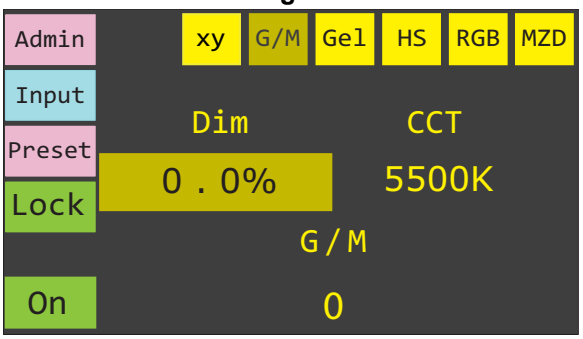


Fig. 3

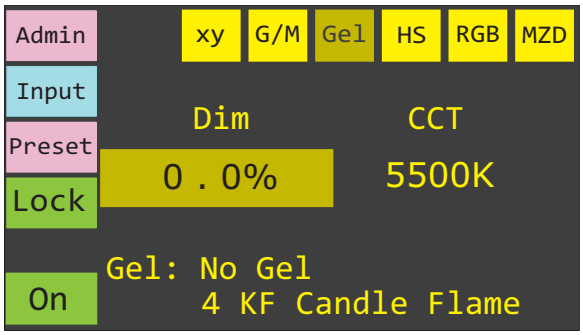


Fig. 4

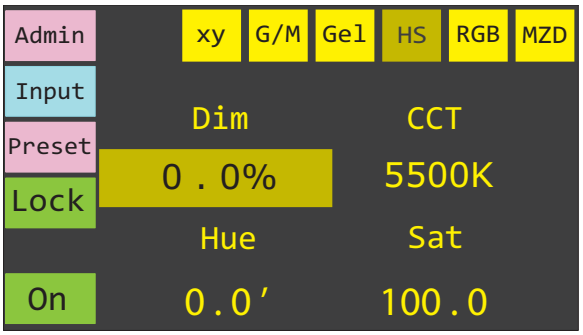


Fig. 5

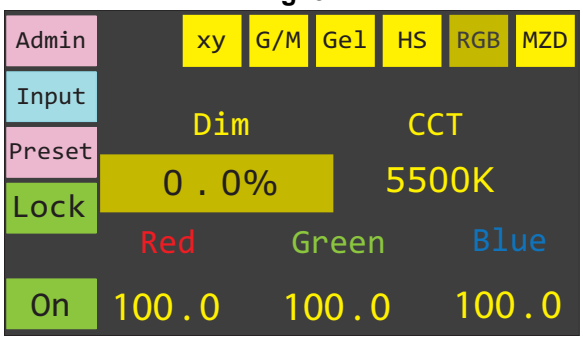
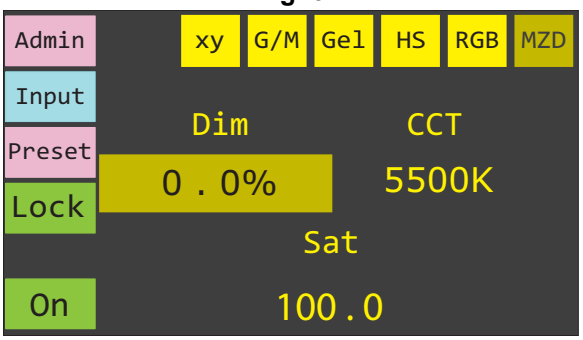


Fig. 6



Admin

The Admin sub-menu allows users to adjust data settings, update firmware, perform a factory reset, and view sensor readings. For information on how to adjust specific values, see the Adjusting Values section of the User Manual.

Button	Image	Function
<Mntn>	Fig. 1	Update firmware using the USB-C port, perform a factory reset
<Msc>	Fig. 2	Adjust cooling fan speed, smoothing, and color space. View LED DAC settings, color sensor readings, and temperature sensor readings
<Net>	Fig. 3	Enable/disable DHCP. Manually enter IP address, netmask, and gateway
<Uni>	Fig. 4	Set universe, starting channel, switch between DMX personalities
<DMX>	Fig. 5	Enable DMX, bypass termination resistor, switch between DMX personalities
<wDMX>	Fig. 6	Enable/disable LumenRadio TiMo module, enable/disable Bluetooth, switch between DMX personalities

Fig. 1

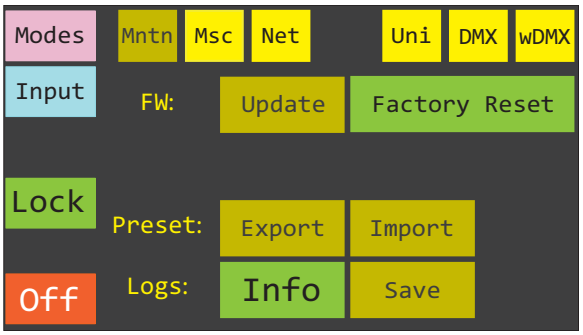


Fig. 2

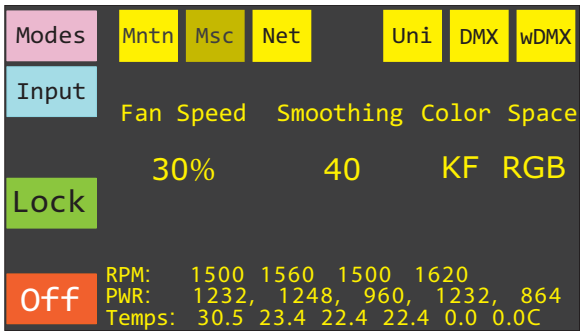


Fig. 3

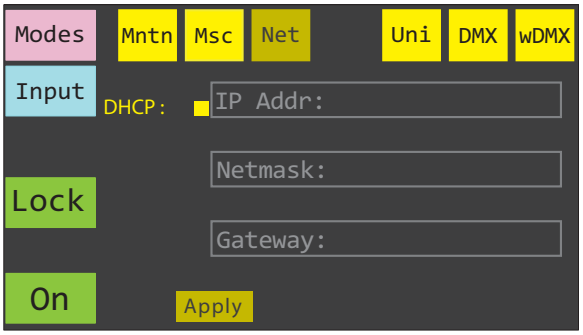


Fig. 4

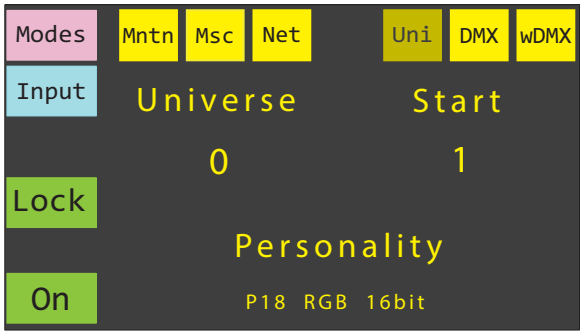


Fig. 5

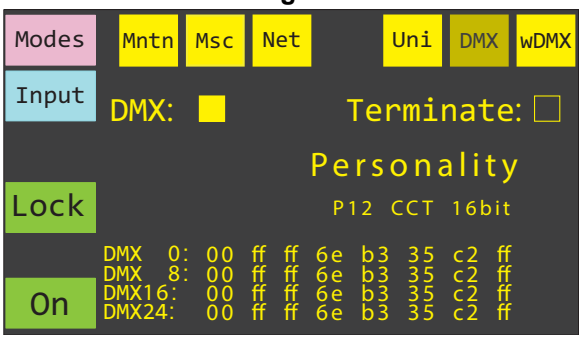
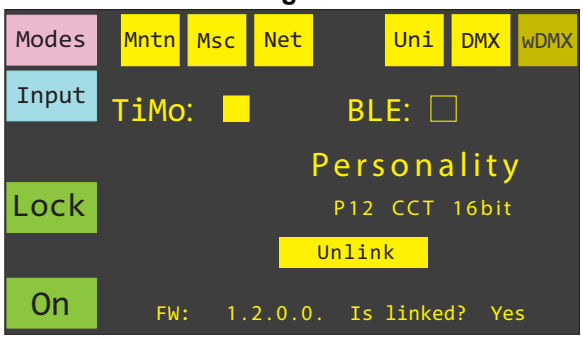


Fig. 6



USB Software Update

The CELEB IKON 12 allows for software updates with a USB device using the built-in USB port. To update the software using a USB flash drive:

1. Press the **<Modes/Admin>** button until the **Admin** sub-menu options are displayed.
2. Press **<Mntn>** to enter the maintenance sub-menu.
3. Insert a FAT32 formatted USB drive containing a firmware update file (.kf1). Once the flash drive has been detected, the **<Update>** button will turn green.
4. Press **<Update>**. The screen will read “Do NOT turn off” while the update is in progress.

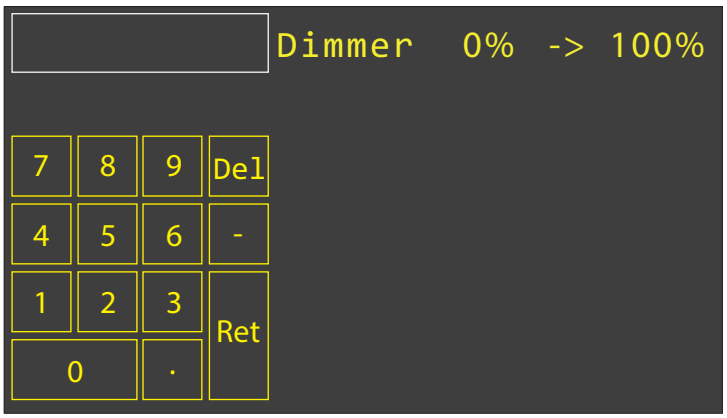
- **If more than one .kf1 update file is on the USB drive, the product will use the first file listed. Placing only one .kf1 update file on the USB drive at a time is recommended.**
- **The product's USB port supports up to 32GB capacity and only works with FAT32 file format.**

Adjusting Values

Pressing a number on the LCD touch screen will highlight that value, indicating that it is selected. A selected value can be adjusted using either the touch screen or encoder knob.

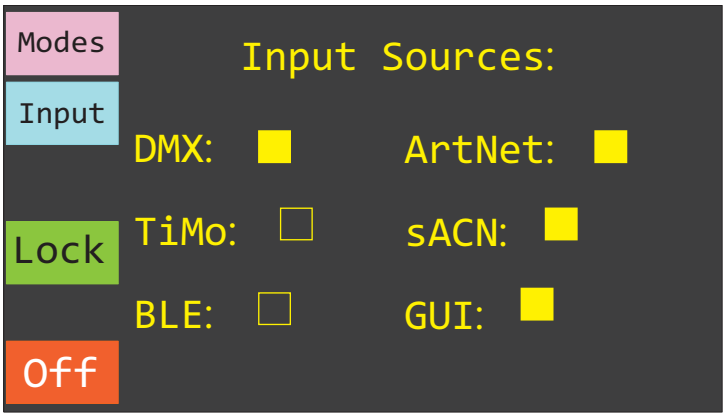
Knob: Once a value is selected, it can be increased by turning the knob to the right or decreased by turning the knob to the left. Pressing the knob sets it into **Macro Adjust Mode**, which allows values to increase/decrease in larger increments.

Touchscreen: Pressing a selected value a second time takes the user to a screen for the manual entry of a new value (see image below). Once the desire value is entered, press **<Ret>** to set that value and return to the previous screen.



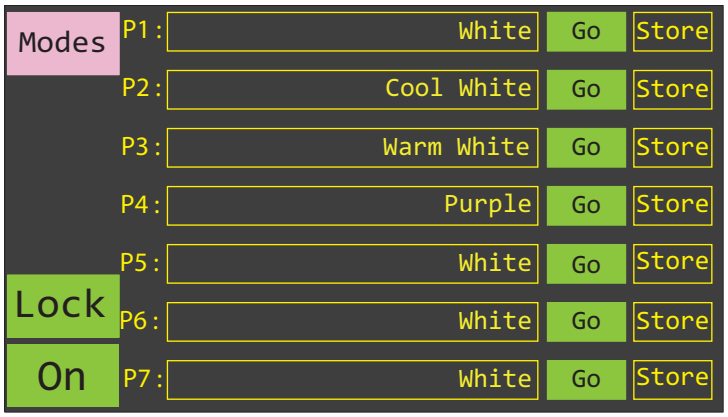
Input

Pressing **<Input>** allows the user to enable or disable input sources for the CELEB IKON 12. To enable/disable an input source, press the box next to the source name. A solid yellow box indicates that the input is enabled. (see image below)



Preset

Pressing **<Preset>** allows the user to capture, name, and quickly revisit colors. Use one of the available slots to save the fixture's current output color by pressing **<Store>** and name it by entering the desired name into the adjacent text box. A preset color can be quickly revisited by pressing **<Go>** next to the chosen preset color. (see image below)



Menu Map

Use the table to navigate through available menus and select desired settings.

Main Menu	Programming Levels			Description
Modes	xy	Dim	0.0–100.0%	Select a color by plotting a point on the CIE chromaticity diagram
		x	0.00–1.00	
		y		
	G/M	Dim	0.0–100.0%	Shift a CCT towards green or magenta
		CCT	2500K–9900K	
		G/M	-127–127	
	Gel	Dim	0.0–100.0%	Select from a list of preset color gels
		CCT	2500K–9900K	
		Gel	See Gel Chart	
	HS	Dim	0.0–100.0%	Manually adjust hue and saturation
		CCT	2500K–9900K	
		Hue	0.0’–360.0’	
		Sat	0.0–100.0	
	RGB	Dim	0.0–100.0%	Manually adjust red, green, and blue values to create a custom color
		CCT	2500K–9900K	
		Red	0.0–100.0	
		Green	0.0–100.0	
		Blue	0.0–100.0	
	MZD	Dim	0.0–100.0%	Demonstrate color/zoning with rapidly-changing pattern
		CCT	2500K–9900K	
		Sat	0.0–100.0	
Admin	Mntn	Update		Update firmware using USB drive
		Factory Reset		Return fixture to factory default settings
		Export		Export/import fixture presets to USB drive
		Import		
		Info/Debug		Select the level of logs to be saved to USB drive
		Save		Save fixture logs to USB drive
	Msc	Fan Speed	30–100%	Manually control fan speed
		Smoothing	0–100	Adjust transition time and smoothness when changing inputs (fast to slow)
		Color Space	KF RGB	Switch between color spaces for more accurate color reproduction
			sRGB	
			P3	
			REC2020	
	Net	DHCP	Enable	Enable/disable DHCP
			Disable	
		IP Addr	<_._._._>	Manually configure network protocols
		Netmask	<_ _ _._._._>	
		Gateway	<_._ _ _._ _ _._ _ _>	
		Apply		Apply manually configured network protocols

Main Menu	Programming Levels		Description
Admin (cont.)	**Uni**	**Universe** / **0–65535**	Select a DMX personality. See DMX Channel Assignments and Values for channel descriptions.
		Start / **0–513**	
		Personality / **P1 CCT 8bit**	
		P2 CCT 16bit	
		P3 Gel 8bit	
		P4 Gel 16bit	
		P5 Hue/Sat 8bit	
		P6 Hue/Sat 16bit	
		P7 RGB 8bit	
		P8 RGB 16bit	
		P9 CIE xy 8bit	
		P10 CIE xy 16bit	
		P11 Xfade CCT/Hue/ Sat 8 bit	
		P12 Xfade CCT/Hue/ Sat 16bit	
		P13 Xfade CCT/RGB 8 bit	
		P14 Xfade CCT/RGB 16bit	
		P15 Xfade CIE xy1/ CIE xy2 8 bit	
		P16 Xfade CIE xy1/ CIE xy2 16 bit	
		P17 Multi Zone CCT 16 bit	
		P18 Multi Zone Hue/ Sat 16 bit	
		P19 Multi Zone RGB 16 bit	
		P20 Multi Zone CIE xy 16 bit	

Main Menu	Programming Levels			Description
Admin (cont.)	**DMX**	**DMX**	Enable	Enable/disable DMX input and output
			Disable	
		Terminate	Enable	Enable/bypass termination resistor
			Bypass	
		Personality	**P1 CCT 8bit**	Select a DMX personality. See DMX Channel Assignments and Values for channel descriptions.
			P2 CCT 16bit	
			P3 Gel 8bit	
			P4 Gel 16bit	
			P5 Hue/Sat 8bit	
			P6 Hue/Sat 16bit	
			P7 RGB 8bit	
			P8 RGB 16bit	
			P9 CIE xy 8bit	
			P10 CIE xy 16bit	
			P11 Xfade CCT/Hue/ Sat 8 bit	
			P12 Xfade CCT/Hue/ Sat 16bit	
			P13 Xfade CCT/RGB 8 bit	
			P14 Xfade CCT/RGB 16bit	
			P15 Xfade CIE xy1/ CIE xy2 8 bit	
			P16 Xfade CIE xy1/ CIE xy2 16 bit	
			P17 Multi Zone CCT 16 bit	
			P18 Multi Zone Hue/ Sat 16 bit	
			P19 Multi Zone RGB 16 bit	
			P20 Multi Zone CIE xy 16 bit	

Main Menu	Programming Levels			Description
Admin (cont.)	wDMX	TiMo	Enable	Enable/disable LumenRadio TiMo module
			Disable	
		BLE	Enable	Enable/disable Bluetooth module
			Disable	
		Start	1–513	Set starting address for wDMX
		Personality	P1 CCT 8bit	Select a DMX personality. See DMX Channel Assignments and Values for channel descriptions.
			P2 CCT 16bit	
			P3 Gel 8bit	
			P4 Gel 16bit	
			P5 Hue/Sat 8bit	
			P6 Hue/Sat 16bit	
			P7 RGB 8bit	
			P8 RGB 16bit	
			P9 CIE xy 8bit	
			P10 CIE xy 16bit	
			P11 Xfade CCT/Hue/ Sat 8 bit	
			P12 Xfade CCT/Hue/ Sat 16bit	
			P13 Xfade CCT/RGB 8 bit	
			P14 Xfade CCT/RGB 16bit	
			P15 Xfade CIE xy1/ CIE xy2 8 bit	
			P16 Xfade CIE xy1/ CIE xy2 16 bit	
			P17 Multi Zone CCT 16 bit	
			P18 Multi Zone Hue/ Sat 16 bit	
			P19 Multi Zone RGB 16 bit	
			P20 Multi Zone CIE xy 16 bit	
		Unlink		Disconnect fixture from wDMX
Input	DMX		Enable	Enable/disable DMX, LumenRadio, Bluetooth, ArtNet, sACN, and GUI (touchscreen/knob)
	TiMo			
	BLE			
	ArtNet		Disable	
	sACN			
	GUI			
Preset	P1–P7		Go	Turn output to saved color
			Store	Capture current output color
Lock				Lock/unlock touchscreen controls
On/Off				Turn on/off the LED light

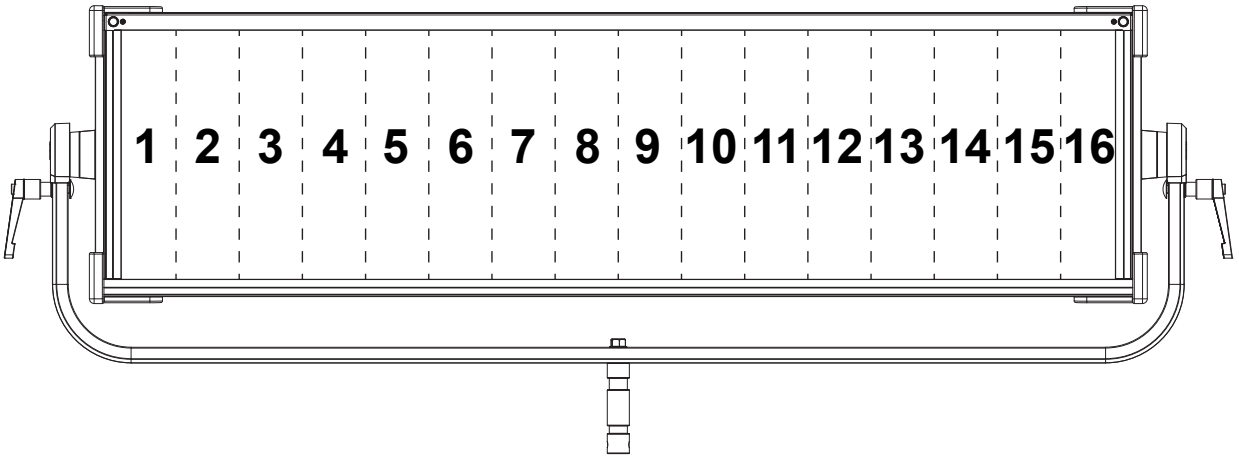
Gel Chart

Value	Gel	Value	Gel	Value	Gel
000 ⇔ 004	No function	080 ⇔ 081	Gold Amber	158 ⇔ 159	Bright Blue
004 ⇔ 005	KF Candle Flame	082 ⇔ 083	Cosmetic Peach	160 ⇔ 161	True Blue
006 ⇔ 007	KF Flo Warm White	084 ⇔ 085	Deep Orange	162 ⇔ 163	Dark Steel Blue
008 ⇔ 009	KF Flo Cool White	086 ⇔ 087	Chocolate	164 ⇔ 165	Daylight Blue
010 ⇔ 011	KF LP Sodium Vpr	088 ⇔ 089	Orange	166 ⇔ 167	Slate Blue
012 ⇔ 013	KF Mercury Vpr	090 ⇔ 091	White Flame	168 ⇔ 169	Medium Blue
014 ⇔ 015	KF 20K Blue Sky	092 ⇔ 093	Medium Amber	170 ⇔ 171	Sky Blue
016 ⇔ 017	KF Green Screen	094 ⇔ 095	Pale Amber Gold	172 ⇔ 173	Paler Lavender
018 ⇔ 019	KF Blue Screen	096 ⇔ 097	Chrome Orange	174 ⇔ 175	Alice Blue
020 ⇔ 021	Smokey Pink	098 ⇔ 099	Straw Tint	176 ⇔ 177	Special Lavender
022 ⇔ 023	Dark Magenta	100 ⇔ 101	Straw	178 ⇔ 179	Pale Violet
024 ⇔ 025	Bright Rose	102 ⇔ 103	Deep Straw	180 ⇔ 181	Just Blue
026 ⇔ 027	Pale Salmon	104 ⇔ 105	Deep Amber	182 ⇔ 183	Violet
028 ⇔ 029	Light Rose	106 ⇔ 107	Light Amber	184 ⇔ 185	Dark Blue
030 ⇔ 031	Light Salmon	108 ⇔ 109	Yellow	186 ⇔ 187	Surprise Pink
032 ⇔ 033	Magenta	110 ⇔ 111	Medium Yellow	188 ⇔ 189	Deeper Blue
034 ⇔ 035	Pink	112 ⇔ 113	Spring Yellow	190 ⇔ 191	Special M Blue
036 ⇔ 037	Rosy Amber	114 ⇔ 115	Pale Yellow	192 ⇔ 193	Zenith Blue
038 ⇔ 039	Pale Red	116 ⇔ 117	Lime Green	194 ⇔ 195	Light Lavender
040 ⇔ 041	Scarlet	118 ⇔ 119	Pale Green	196 ⇔ 197	Palace Blue
042 ⇔ 043	Loving Amber	120 ⇔ 121	Leaf Green	198 ⇔ 199	Lilac Tint
044 ⇔ 045	Pale Rose	122 ⇔ 123	Fern Green	200 ⇔ 201	Deep Blue
046 ⇔ 047	Medium Red	124 ⇔ 125	Primary Green	202 ⇔ 203	Lavender Tint
048 ⇔ 049	Gold Tint	126 ⇔ 127	Moss Green	204 ⇔ 205	Pale Lavender
050 ⇔ 051	M Bastard Amber	128 ⇔ 129	Dark Y Green	206 ⇔ 207	Dark Lavender
052 ⇔ 053	Bright Red	130 ⇔ 131	Dark Green	208 ⇔ 209	Lavender
054 ⇔ 055	Flame Red	132 ⇔ 133	Marine Blue	210 ⇔ 211	Deep Lavender
056 ⇔ 057	Primary Red	134 ⇔ 135	Peacock Blue	212 ⇔ 213	Congo Blue
058 ⇔ 059	Light Red	136 ⇔ 137	Med Blue-Green	214 ⇔ 215	Rose Purple
060 ⇔ 061	Dark Salmon	138 ⇔ 139	Sp Steel Blue	216 ⇔ 217	Mauve
062 ⇔ 063	Fire	140 ⇔ 141	Lagoon Blue	218 ⇔ 219	Rose Pink
064 ⇔ 065	Sunset Red	142 ⇔ 143	Steel Blue	220 ⇔ 221	Follies Pink
066 ⇔ 067	Pale Gold	144 ⇔ 145	Lighter Blue	222 ⇔ 223	Bright Pink
068 ⇔ 069	English Rose	146 ⇔ 147	Summer Blue	224 ⇔ 225	Middle Rose
070 ⇔ 071	Bastard Amber	148 ⇔ 149	Light Blue	226 ⇔ 227	Medium Pink
072 ⇔ 073	Surprise Peach	150 ⇔ 151	Moonlight Blue	228 ⇔ 229	Light Pink
074 ⇔ 075	Deep Gld Amber	152 ⇔ 153	Pale Blue	230 ⇔ 231	Dark Pink
076 ⇔ 077	Dark Amber	154 ⇔ 155	Pale Navy Blue	232 ⇔ 233	Flesh Pink
078 ⇔ 079	Apricot	156 ⇔ 157	Mist Blue	234 ⇔ 255	No function

The colors above are simulated renditions of the color output produced compared with other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.

DMX Channel Assignments and Values

Zones for DMX Control



01 CCT 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function

02 CCT 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	000 ⇔ 255	0–100% (closed to open)
2	LSB Dimmer	000 ⇔ 255	0–100% (closed to open)
3	MSB CCT	000 ⇔ 255	2500K –9900K
4	LSB CCT	000 ⇔ 255	2500K–9900K
5	Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function

03 Gel 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Gel	000 ⇔ 255	See Gel Chart

04 Gel 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	000 ⇔ 255	0–100% (closed to open)
2	LSB Dimmer	000 ⇔ 255	0–100% (closed to open)
3	MSB CCT	000 ⇔ 255	2500K–9900K
4	LSB CCT	000 ⇔ 255	2500K–9900K
5	Gel	000 ⇔ 255	See Gel Chart

05 Hue/Sat 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Hue Angle	000 ⇔ 255	0–360°
4	Saturation	000 ⇔ 255	0–100%

06 Hue/Sat 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CCT	00000 ⇔ 65535	2500K–9900K
4	LSB CCT	00000 ⇔ 65535	2500K–9900K
5	MSB Hue Angle	00000 ⇔ 65535	0–360°
6	LSB Hue Angle	00000 ⇔ 65535	0–360°
7	MSB Saturation	00000 ⇔ 65535	0–100%
8	LSB Saturation	00000 ⇔ 65535	0–100%

07 RGB 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Red	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%

08 RGB 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CCT	00000 ⇔ 65535	2500K–9900K
4	LSB CCT	00000 ⇔ 65535	2500K–9900K
5	MSB Red	00000 ⇔ 65535	0–100%
6	LSB Red	00000 ⇔ 65535	0–100%
7	MSB Green	00000 ⇔ 65535	0–100%
8	LSB Green	00000 ⇔ 65535	0–100%
9	MSB Blue	00000 ⇔ 65535	0–100%
10	LSB Blue	00000 ⇔ 65535	0–100%

09 CIE xy 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CIE x	000 ⇔ 255	0–0.85
3	CIE y	000 ⇔ 255	0–0.85

10 CIE xy 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CIE x	00000 ⇔ 65535	0–0.85
4	LSB CIE x	00000 ⇔ 65535	0–0.85
5	MSB CIE y	00000 ⇔ 65535	0–0.85
6	LSB CIE y	00000 ⇔ 65535	0–0.85

11 Xfade CCT/Hue/Sat 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
4	Crossfade to Color	000 ⇔ 255	0–100% (White to Hue/Sat)
5	CCT	000 ⇔ 255	2500K–9900K
6	Hue Angle	000 ⇔ 255	0–360°
7	Saturation	000 ⇔ 255	0–100%

12 Xfade CCT/Hue/Sat 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CCT	00000 ⇔ 65535	2500K–9900K
4	LSB CCT	00000 ⇔ 65535	2500K–9900K
5	Green Magenta	00000 ⇔ 02827	No function
		02828 ⇔ 05654	100% magenta
		05655 ⇔ 31097	99–1% magenta
		31098 ⇔ 34181	No function
		34182 ⇔ 59624	1–99% green
		59625 ⇔ 62451	100% green
		62452 ⇔ 65535	No function
6	MSB Crossfade to Color	00000 ⇔ 65535	0–100% (White to Hue/Sat)
7	LSB Crossfade to Color	00000 ⇔ 65535	0–100% (White to Hue/Sat)
8	MSB CCT	00000 ⇔ 65535	2500K–9900K
9	LSB CCT	00000 ⇔ 65535	2500K–9900K
10	MSB Hue Angle	00000 ⇔ 65535	0–360°
11	LSB Hue Angle	00000 ⇔ 65535	0–360°
12	MSB Saturation	00000 ⇔ 65535	0–100%
13	LSB Saturation	00000 ⇔ 65535	0–100%

13 Xfade CCT/RGB 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CCT	000 ⇔ 255	2500K–9900K
3	Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
4	Crossfade to Color	000 ⇔ 255	0–100% (White to RGB)
5	CCT	000 ⇔ 255	2500K–9900K
6	Red	000 ⇔ 255	0–100%
7	Green	000 ⇔ 255	0–100%
8	Blue	000 ⇔ 255	0–100%

14 Xfade CCT/RGB 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CCT	00000 ⇔ 65535	2500K–9900K
4	LSB CCT	00000 ⇔ 65535	2500K–9900K
5	Green Magenta	00000 ⇔ 02827	No function
		02828 ⇔ 05654	100% magenta
		05655 ⇔ 31097	99–1% magenta
		31098 ⇔ 34181	No function
		34182 ⇔ 59624	1–99% green
		59625 ⇔ 62451	100% green
		62452 ⇔ 65535	No function
6	MSB Crossfade to Color	00000 ⇔ 65535	0–100% (White to Hue/Sat)
7	LSB Crossfade to Color	00000 ⇔ 65535	0–100% (White to Hue/Sat)
8	MSB CCT	00000 ⇔ 65535	2500K–9900K
9	LSB CCT	00000 ⇔ 65535	2500K–9900K
10	MSB Red	00000 ⇔ 65535	0–100%
11	LSB Red	00000 ⇔ 65535	0–100%
12	MSB Green	00000 ⇔ 65535	0–100%
13	LSB Green	00000 ⇔ 65535	0–100%
14	MSB Blue	00000 ⇔ 65535	0–100%
15	LSB Blue	00000 ⇔ 65535	0–100%

15 Xfade CIE xy1/CIE xy2 8 bit

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (closed to open)
2	CIE x1	000 ⇔ 255	0–0.85
3	CIE y1	000 ⇔ 255	0–0.85
4	Crossfade	000 ⇔ 255	0–100% (xy1 to xy2)
5	CIE x2	000 ⇔ 255	0–0.85
6	CIE y2	000 ⇔ 255	0–0.85

16 Xfade CIE xy1/CIE xy2 16 bit

Channel	Function	Value	Percent/Setting
1	MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	MSB CIE x1	00000 ⇔ 65535	0–0.85
4	LSB CIE x1	00000 ⇔ 65535	0–0.85
5	MSB CIE y1	00000 ⇔ 65535	0–0.85
6	LSB CIE y1	00000 ⇔ 65535	0–0.85
7	MSB Crossfade	00000 ⇔ 65535	0–100% (xy1 to xy2)
8	LSB Crossfade	00000 ⇔ 65535	0–100% (xy1 to xy2)
9	MSB CIE x2	00000 ⇔ 65535	0–0.85
10	LSB CIE x2	00000 ⇔ 65535	0–0.85
11	MSB CIE y2	00000 ⇔ 65535	0–0.85
12	LSB CIE y2	00000 ⇔ 65535	0–0.85

17 MZ CCT 16 bit (Multi Zone)

Channel	Function	Value	Percent/Setting
1	Zone 1: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	Zone 1: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	Zone 1: MSB CCT	00000 ⇔ 65535	2500K–9900K
4	Zone 1: LSB CCT	00000 ⇔ 65535	2500K–9900K
5	Zone 1: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
6	Zone 2: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
7	Zone 2: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
8	Zone 2: MSB CCT	00000 ⇔ 65535	2500K–9900K
9	Zone 2: LSB CCT	00000 ⇔ 65535	2500K–9900K
10	Zone 2: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
11	Zone 3: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
12	Zone 3: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
13	Zone 3: MSB CCT	00000 ⇔ 65535	2500K–9900K
14	Zone 3: LSB CCT	00000 ⇔ 65535	2500K–9900K
15	Zone 3: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
16	Zone 4: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
17	Zone 4: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
18	Zone 4: MSB CCT	00000 ⇔ 65535	2500K–9900K
19	Zone 4: LSB CCT	00000 ⇔ 65535	2500K–9900K
20	Zone 4: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
21	Zone 5: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)

Channel	Function	Value	Percent/Setting
22	**Zone 5: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
23	**Zone 5: MSB CCT**	00000 ⇔ 65535	2500K–9900K
24	**Zone 5: LSB CCT**	00000 ⇔ 65535	2500K–9900K
25	**Zone 5: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
26	**Zone 6: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
27	**Zone 6: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
28	**Zone 6: MSB CCT**	00000 ⇔ 65535	2500K–9900K
29	**Zone 6: LSB CCT**	00000 ⇔ 65535	2500K–9900K
30	**Zone 6: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
31	**Zone 7: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
32	**Zone 7: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
33	**Zone 7: MSB CCT**	00000 ⇔ 65535	2500K–9900K
34	**Zone 7: LSB CCT**	00000 ⇔ 65535	2500K–9900K
35	**Zone 7: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
36	**Zone 8: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
37	**Zone 8: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
38	**Zone 8: MSB CCT**	00000 ⇔ 65535	2500K–9900K
39	**Zone 8: LSB CCT**	00000 ⇔ 65535	2500K–9900K
40	**Zone 9: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
41	**Zone 9: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
42	**Zone 9: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
43	**Zone 9: MSB CCT**	00000 ⇔ 65535	2500K–9900K

Channel	Function	Value	Percent/Setting
44	**Zone 9: LSB CCT**	00000 ⇔ 65535	2500K–9900K
45	**Zone 9: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
46	**Zone 10: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
47	**Zone 10: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
48	**Zone 10: MSB CCT**	00000 ⇔ 65535	2500K–9900K
49	**Zone 10: LSB CCT**	00000 ⇔ 65535	2500K–9900K
50	**Zone 10: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
51	**Zone 11: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
52	**Zone 11: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
53	**Zone 11: MSB CCT**	00000 ⇔ 65535	2500K–9900K
54	**Zone 11: LSB CCT**	00000 ⇔ 65535	2500K–9900K
55	**Zone 11: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
56	**Zone 12: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
57	**Zone 12: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
58	**Zone 12: MSB CCT**	00000 ⇔ 65535	2500K–9900K
59	**Zone 12: LSB CCT**	00000 ⇔ 65535	2500K–9900K
60	**Zone 12: Green Magenta**	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
61	**Zone 13: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
62	**Zone 13: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
63	**Zone 13: MSB CCT**	00000 ⇔ 65535	2500K–9900K
64	**Zone 13: LSB CCT**	00000 ⇔ 65535	2500K–9900K

Channel	Function	Value	Percent/Setting
65	Zone 13: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
66	Zone 14: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
67	Zone 14: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
68	Zone 14: MSB CCT	00000 ⇔ 65535	2500K–9900K
69	Zone 14: LSB CCT	00000 ⇔ 65535	2500K–9900K
70	Zone 14: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
71	Zone 15: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
72	Zone 15: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
73	Zone 15: MSB CCT	00000 ⇔ 65535	2500K–9900K
74	Zone 15: LSB CCT	00000 ⇔ 65535	2500K–9900K
75	Zone 15: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function
76	Zone 16: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
77	Zone 16: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
78	Zone 16: MSB CCT	00000 ⇔ 65535	2500K–9900K
79	Zone 16: LSB CCT	00000 ⇔ 65535	2500K–9900K
80	Zone 16: Green Magenta	000 ⇔ 011	No function
		012 ⇔ 022	100% magenta
		023 ⇔ 121	99–1% magenta
		122 ⇔ 133	No function
		134 ⇔ 232	1–99% green
		233 ⇔ 243	100% green
		244 ⇔ 255	No function

18 MZ Hue/Sat 16 bit (Multi Zone)

Channel	Function	Value	Percent/Setting
1	Zone 1: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	Zone 1: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	Zone 1: MSB CCT	00000 ⇔ 65535	2500K–9900K
4	Zone 1:LSB CCT	00000 ⇔ 65535	2500K–9900K
5	Zone 1: MSB Hue Angle	00000 ⇔ 65535	0–360°
6	Zone 1: LSB Hue Angle	00000 ⇔ 65535	0–360°
7	Zone 1: MSB Saturation	00000 ⇔ 65535	0–100%
8	Zone 1: LSB Saturation	00000 ⇔ 65535	0–100%
9	Zone 2: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
10	Zone 2: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
11	Zone 2: MSB CCT	00000 ⇔ 65535	2500K–9900K
12	Zone 2:LSB CCT	00000 ⇔ 65535	2500K–9900K
13	Zone 2: MSB Hue Angle	00000 ⇔ 65535	0–360°
14	Zone 2: LSB Hue Angle	00000 ⇔ 65535	0–360°
15	Zone 2: MSB Saturation	00000 ⇔ 65535	0–100%
16	Zone 2: LSB Saturation	00000 ⇔ 65535	0–100%
17	Zone 3: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
18	Zone 3: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
19	Zone 3: MSB CCT	00000 ⇔ 65535	2500K–9900K
20	Zone 3:LSB CCT	00000 ⇔ 65535	2500K–9900K
21	Zone 3: MSB Hue Angle	00000 ⇔ 65535	0–360°
22	Zone 3: LSB Hue Angle	00000 ⇔ 65535	0–360°
23	Zone 3: MSB Saturation	00000 ⇔ 65535	0–100%
24	Zone 3: LSB Saturation	00000 ⇔ 65535	0–100%
25	Zone 4: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
26	Zone 4: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
27	Zone 4: MSB CCT	00000 ⇔ 65535	2500K–9900K
28	Zone 4:LSB CCT	00000 ⇔ 65535	2500K–9900K
29	Zone 4: MSB Hue Angle	00000 ⇔ 65535	0–360°
30	Zone 4: LSB Hue Angle	00000 ⇔ 65535	0–360°
31	Zone 4: MSB Saturation	00000 ⇔ 65535	0–100%
32	Zone 4: LSB Saturation	00000 ⇔ 65535	0–100%
33	Zone 5: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
34	Zone 5: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
35	Zone 5: MSB CCT	00000 ⇔ 65535	2500K–9900K
36	Zone 5:LSB CCT	00000 ⇔ 65535	2500K–9900K
37	Zone 5: MSB Hue Angle	00000 ⇔ 65535	0–360°
38	Zone 5: LSB Hue Angle	00000 ⇔ 65535	0–360°
39	Zone 5: MSB Saturation	00000 ⇔ 65535	0–100%
40	Zone 5: LSB Saturation	00000 ⇔ 65535	0–100%
41	Zone 6: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
42	Zone 6: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
43	Zone 6: MSB CCT	00000 ⇔ 65535	2500K–9900K
44	Zone 6:LSB CCT	00000 ⇔ 65535	2500K–9900K
45	Zone 6: MSB Hue Angle	00000 ⇔ 65535	0–360°

Channel	Function	Value	Percent/Setting
46	Zone 6: LSB Hue Angle	00000 ⇔ 65535	0–360°
47	Zone 6: MSB Saturation	00000 ⇔ 65535	0–100%
48	Zone 6: LSB Saturation	00000 ⇔ 65535	0–100%
49	Zone 7: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
50	Zone 7: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
51	Zone 7: MSB CCT	00000 ⇔ 65535	2500K–9900K
52	Zone 7:LSB CCT	00000 ⇔ 65535	2500K–9900K
53	Zone 7: MSB Hue Angle	00000 ⇔ 65535	0–360°
54	Zone 7: LSB Hue Angle	00000 ⇔ 65535	0–360°
55	Zone 7: MSB Saturation	00000 ⇔ 65535	0–100%
56	Zone 7: LSB Saturation	00000 ⇔ 65535	0–100%
57	Zone 8: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
58	Zone 8: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
59	Zone 8: MSB CCT	00000 ⇔ 65535	2500K–9900K
60	Zone 8:LSB CCT	00000 ⇔ 65535	2500K–9900K
61	Zone 8: MSB Hue Angle	00000 ⇔ 65535	0–360°
62	Zone 8: LSB Hue Angle	00000 ⇔ 65535	0–360°
63	Zone 8: MSB Saturation	00000 ⇔ 65535	0–100%
64	Zone 8: LSB Saturation	00000 ⇔ 65535	0–100%
65	Zone 9: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
66	Zone 9: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
67	Zone 9: MSB CCT	00000 ⇔ 65535	2500K–9900K
68	Zone 9:LSB CCT	00000 ⇔ 65535	2500K–9900K
69	Zone 9: MSB Hue Angle	00000 ⇔ 65535	0–360°
70	Zone 9: LSB Hue Angle	00000 ⇔ 65535	0–360°
71	Zone 9: MSB Saturation	00000 ⇔ 65535	0–100%
72	Zone 9: LSB Saturation	00000 ⇔ 65535	0–100%
73	Zone 10: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
74	Zone 10: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
75	Zone 10: MSB CCT	00000 ⇔ 65535	2500K–9900K
76	Zone 10:LSB CCT	00000 ⇔ 65535	2500K–9900K
77	Zone 10: MSB Hue Angle	00000 ⇔ 65535	0–360°
78	Zone 10: LSB Hue Angle	00000 ⇔ 65535	0–360°
79	Zone 10: MSB Saturation	00000 ⇔ 65535	0–100%
80	Zone 10: LSB Saturation	00000 ⇔ 65535	0–100%
81	Zone 11: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
82	Zone 11: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
83	Zone 11: MSB CCT	00000 ⇔ 65535	2500K–9900K
84	Zone 11:LSB CCT	00000 ⇔ 65535	2500K–9900K
85	Zone 11: MSB Hue Angle	00000 ⇔ 65535	0–360°
86	Zone 11: LSB Hue Angle	00000 ⇔ 65535	0–360°
87	Zone 11: MSB Saturation	00000 ⇔ 65535	0–100%
88	Zone 11: LSB Saturation	00000 ⇔ 65535	0–100%
89	Zone 12: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
90	Zone 12: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
91	Zone 12: MSB CCT	00000 ⇔ 65535	2500K–9900K

Channel	Function	Value	Percent/Setting
92	**Zone 12:LSB CCT**	00000 ⇔ 65535	2500K–9900K
93	**Zone 12: MSB Hue Angle**	00000 ⇔ 65535	0–360°
94	**Zone 12: LSB Hue Angle**	00000 ⇔ 65535	0–360°
95	**Zone 12: MSB Saturation**	00000 ⇔ 65535	0–100%
96	**Zone 12: LSB Saturation**	00000 ⇔ 65535	0–100%
97	**Zone 13: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
98	**Zone 13: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
99	**Zone 13: MSB CCT**	00000 ⇔ 65535	2500K–9900K
100	**Zone 13:LSB CCT**	00000 ⇔ 65535	2500K–9900K
101	**Zone 13: MSB Hue Angle**	00000 ⇔ 65535	0–360°
102	**Zone 13: LSB Hue Angle**	00000 ⇔ 65535	0–360°
103	**Zone 13: MSB Saturation**	00000 ⇔ 65535	0–100%
104	**Zone 13: LSB Saturation**	00000 ⇔ 65535	0–100%
105	**Zone 14: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
106	**Zone 14: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
107	**Zone 14: MSB CCT**	00000 ⇔ 65535	2500K–9900K
108	**Zone 14:LSB CCT**	00000 ⇔ 65535	2500K–9900K
109	**Zone 14: MSB Hue Angle**	00000 ⇔ 65535	0–360°
110	**Zone 14: LSB Hue Angle**	00000 ⇔ 65535	0–360°
111	**Zone 14: MSB Saturation**	00000 ⇔ 65535	0–100%
112	**Zone 14: LSB Saturation**	00000 ⇔ 65535	0–100%
113	**Zone 15: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
114	**Zone 15: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
115	**Zone 15: MSB CCT**	00000 ⇔ 65535	2500K–9900K
116	**Zone 15:LSB CCT**	00000 ⇔ 65535	2500K–9900K
117	**Zone 15: MSB Hue Angle**	00000 ⇔ 65535	0–360°
118	**Zone 15: LSB Hue Angle**	00000 ⇔ 65535	0–360°
119	**Zone 15: MSB Saturation**	00000 ⇔ 65535	0–100%
120	**Zone 15: LSB Saturation**	00000 ⇔ 65535	0–100%
121	**Zone 16: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
122	**Zone 16: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
123	**Zone 16: MSB CCT**	00000 ⇔ 65535	2500K–9900K
124	**Zone 16:LSB CCT**	00000 ⇔ 65535	2500K–9900K
125	**Zone 16: MSB Hue Angle**	00000 ⇔ 65535	0–360°
126	**Zone 16: LSB Hue Angle**	00000 ⇔ 65535	0–360°
127	**Zone 16: MSB Saturation**	00000 ⇔ 65535	0–100%
128	**Zone 16: LSB Saturation**	00000 ⇔ 65535	0–100%

19 MZ RGB 16 bit (Multi Zone)

Channel	Function	Value	Percent/Setting
1	Zone 1: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	Zone 1: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	Zone 1: MSB CCT	00000 ⇔ 65535	2500K–9900K
4	Zone 1:LSB CCT	00000 ⇔ 65535	2500K–9900K
5	Zone 1: MSB Red	00000 ⇔ 65535	0–100%
6	Zone 1: LSB Red	00000 ⇔ 65535	0–100%
7	Zone 1: MSB Green	00000 ⇔ 65535	0–100%
8	Zone 1: LSB Green	00000 ⇔ 65535	0–100%
9	Zone 1: MSB Blue	00000 ⇔ 65535	0–100%
10	Zone 1: LSB Blue	00000 ⇔ 65535	0–100%
11	Zone 2: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
12	Zone 2: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
13	Zone 2: MSB CCT	00000 ⇔ 65535	2500K–9900K
14	Zone 2:LSB CCT	00000 ⇔ 65535	2500K–9900K
15	Zone 2: MSB Red	00000 ⇔ 65535	0–100%
16	Zone 2: LSB Red	00000 ⇔ 65535	0–100%
17	Zone 2: MSB Green	00000 ⇔ 65535	0–100%
18	Zone 2: LSB Green	00000 ⇔ 65535	0–100%
19	Zone 2: MSB Blue	00000 ⇔ 65535	0–100%
20	Zone 2: LSB Blue	00000 ⇔ 65535	0–100%
21	Zone 3: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
22	Zone 3: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
23	Zone 3: MSB CCT	00000 ⇔ 65535	2500K–9900K
24	Zone 3:LSB CCT	00000 ⇔ 65535	2500K–9900K
25	Zone 3: MSB Red	00000 ⇔ 65535	0–100%
26	Zone 3: LSB Red	00000 ⇔ 65535	0–100%
27	Zone 3: MSB Green	00000 ⇔ 65535	0–100%
28	Zone 3: LSB Green	00000 ⇔ 65535	0–100%
29	Zone 3: MSB Blue	00000 ⇔ 65535	0–100%
30	Zone 3: LSB Blue	00000 ⇔ 65535	0–100%
31	Zone 4: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
32	Zone 4: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
33	Zone 4: MSB CCT	00000 ⇔ 65535	2500K–9900K
34	Zone 4:LSB CCT	00000 ⇔ 65535	2500K–9900K
35	Zone 4: MSB Red	00000 ⇔ 65535	0–100%
36	Zone 4: LSB Red	00000 ⇔ 65535	0–100%
37	Zone 4: MSB Green	00000 ⇔ 65535	0–100%
38	Zone 4: LSB Green	00000 ⇔ 65535	0–100%
39	Zone 4: MSB Blue	00000 ⇔ 65535	0–100%
40	Zone 4: LSB Blue	00000 ⇔ 65535	0–100%
41	Zone 5: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
42	Zone 5: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
43	Zone 5: MSB CCT	00000 ⇔ 65535	2500K–9900K
44	Zone 5:LSB CCT	00000 ⇔ 65535	2500K–9900K
45	Zone 5: MSB Red	00000 ⇔ 65535	0–100%

Channel	Function	Value	Percent/Setting
46	**Zone 5: LSB Red**	00000 ⇔ 65535	0–100%
47	**Zone 5: MSB Green**	00000 ⇔ 65535	0–100%
48	**Zone 5: LSB Green**	00000 ⇔ 65535	0–100%
49	**Zone 5: MSB Blue**	00000 ⇔ 65535	0–100%
50	**Zone 5: LSB Blue**	00000 ⇔ 65535	0–100%
51	**Zone 6: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
52	**Zone 6: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
53	**Zone 6: MSB CCT**	00000 ⇔ 65535	2500K–9900K
54	**Zone 6:LSB CCT**	00000 ⇔ 65535	2500K–9900K
55	**Zone 6: MSB Red**	00000 ⇔ 65535	0–100%
56	**Zone 6: LSB Red**	00000 ⇔ 65535	0–100%
57	**Zone 6: MSB Green**	00000 ⇔ 65535	0–100%
58	**Zone 6: LSB Green**	00000 ⇔ 65535	0–100%
59	**Zone 6: MSB Blue**	00000 ⇔ 65535	0–100%
60	**Zone 6: LSB Blue**	00000 ⇔ 65535	0–100%
61	**Zone 7: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
62	**Zone 7: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
63	**Zone 7: MSB CCT**	00000 ⇔ 65535	2500K–9900K
64	**Zone 7:LSB CCT**	00000 ⇔ 65535	2500K–9900K
65	**Zone 7: MSB Red**	00000 ⇔ 65535	0–100%
66	**Zone 7: LSB Red**	00000 ⇔ 65535	0–100%
67	**Zone 7: MSB Green**	00000 ⇔ 65535	0–100%
68	**Zone 7: LSB Green**	00000 ⇔ 65535	0–100%
69	**Zone 7: MSB Blue**	00000 ⇔ 65535	0–100%
70	**Zone 7: LSB Blue**	00000 ⇔ 65535	0–100%
71	**Zone 8: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
72	**Zone 8: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
73	**Zone 8: MSB CCT**	00000 ⇔ 65535	2500K–9900K
74	**Zone 8:LSB CCT**	00000 ⇔ 65535	2500K–9900K
75	**Zone 8: MSB Red**	00000 ⇔ 65535	0–100%
76	**Zone 8: LSB Red**	00000 ⇔ 65535	0–100%
77	**Zone 8: MSB Green**	00000 ⇔ 65535	0–100%
78	**Zone 8: LSB Green**	00000 ⇔ 65535	0–100%
79	**Zone 8: MSB Blue**	00000 ⇔ 65535	0–100%
80	**Zone 8: LSB Blue**	00000 ⇔ 65535	0–100%
81	**Zone 9: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
82	**Zone 9: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
83	**Zone 9: MSB CCT**	00000 ⇔ 65535	2500K–9900K
84	**Zone 9:LSB CCT**	00000 ⇔ 65535	2500K–9900K
85	**Zone 9: MSB Red**	00000 ⇔ 65535	0–100%
86	**Zone 9: LSB Red**	00000 ⇔ 65535	0–100%
87	**Zone 9: MSB Green**	00000 ⇔ 65535	0–100%
88	**Zone 9: LSB Green**	00000 ⇔ 65535	0–100%
89	**Zone 9: MSB Blue**	00000 ⇔ 65535	0–100%
90	**Zone 9: LSB Blue**	00000 ⇔ 65535	0–100%
91	**Zone 10: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)

Channel	Function	Value	Percent/Setting
92	Zone 10: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
93	Zone 10: MSB CCT	00000 ⇔ 65535	2500K–9900K
94	Zone 10:LSB CCT	00000 ⇔ 65535	2500K–9900K
95	Zone 10: MSB Red	00000 ⇔ 65535	0–100%
96	Zone 10: LSB Red	00000 ⇔ 65535	0–100%
97	Zone 10: MSB Green	00000 ⇔ 65535	0–100%
98	Zone 10: LSB Green	00000 ⇔ 65535	0–100%
99	Zone 10: MSB Blue	00000 ⇔ 65535	0–100%
100	Zone 10: LSB Blue	00000 ⇔ 65535	0–100%
101	Zone 11: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
102	Zone 11: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
103	Zone 11: MSB CCT	00000 ⇔ 65535	2500K–9900K
104	Zone 11:LSB CCT	00000 ⇔ 65535	2500K–9900K
105	Zone 11: MSB Red	00000 ⇔ 65535	0–100%
106	Zone 11: LSB Red	00000 ⇔ 65535	0–100%
107	Zone 11: MSB Green	00000 ⇔ 65535	0–100%
108	Zone 11: LSB Green	00000 ⇔ 65535	0–100%
109	Zone 11: MSB Blue	00000 ⇔ 65535	0–100%
110	Zone 11: LSB Blue	00000 ⇔ 65535	0–100%
111	Zone 12: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
112	Zone 12: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
113	Zone 12: MSB CCT	00000 ⇔ 65535	2500K–9900K
114	Zone 12:LSB CCT	00000 ⇔ 65535	2500K–9900K
115	Zone 12: MSB Red	00000 ⇔ 65535	0–100%
116	Zone 12: LSB Red	00000 ⇔ 65535	0–100%
117	Zone 12: MSB Green	00000 ⇔ 65535	0–100%
118	Zone 12: LSB Green	00000 ⇔ 65535	0–100%
119	Zone 12: MSB Blue	00000 ⇔ 65535	0–100%
120	Zone 12: LSB Blue	00000 ⇔ 65535	0–100%
121	Zone 13: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
122	Zone 13: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
123	Zone 13: MSB CCT	00000 ⇔ 65535	2500K–9900K
124	Zone 13:LSB CCT	00000 ⇔ 65535	2500K–9900K
125	Zone 13: MSB Red	00000 ⇔ 65535	0–100%
126	Zone 13: LSB Red	00000 ⇔ 65535	0–100%
127	Zone 13: MSB Green	00000 ⇔ 65535	0–100%
128	Zone 13: LSB Green	00000 ⇔ 65535	0–100%
129	Zone 13: MSB Blue	00000 ⇔ 65535	0–100%
130	Zone 13: LSB Blue	00000 ⇔ 65535	0–100%
131	Zone 14: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
132	Zone 14: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
133	Zone 14: MSB CCT	00000 ⇔ 65535	2500K–9900K
134	Zone 14:LSB CCT	00000 ⇔ 65535	2500K–9900K
135	Zone 14: MSB Red	00000 ⇔ 65535	0–100%
136	Zone 14: LSB Red	00000 ⇔ 65535	0–100%
137	Zone 14: MSB Green	00000 ⇔ 65535	0–100%

Channel	Function	Value	Percent/Setting
138	**Zone 14: LSB Green**	00000 ⇔ 65535	0–100%
139	**Zone 14: MSB Blue**	00000 ⇔ 65535	0–100%
140	**Zone 14: LSB Blue**	00000 ⇔ 65535	0–100%
141	**Zone 15: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
142	**Zone 15: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
143	**Zone 15: MSB CCT**	00000 ⇔ 65535	2500K–9900K
144	**Zone 15:LSB CCT**	00000 ⇔ 65535	2500K–9900K
145	**Zone 15: MSB Red**	00000 ⇔ 65535	0–100%
146	**Zone 15: LSB Red**	00000 ⇔ 65535	0–100%
147	**Zone 15: MSB Green**	00000 ⇔ 65535	0–100%
148	**Zone 15: LSB Green**	00000 ⇔ 65535	0–100%
149	**Zone 15: MSB Blue**	00000 ⇔ 65535	0–100%
150	**Zone 15: LSB Blue**	00000 ⇔ 65535	0–100%
151	**Zone 16: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
152	**Zone 16: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
153	**Zone 16: MSB CCT**	00000 ⇔ 65535	2500K–9900K
154	**Zone 16:LSB CCT**	00000 ⇔ 65535	2500K–9900K
155	**Zone 16: MSB Red**	00000 ⇔ 65535	0–100%
156	**Zone 16: LSB Red**	00000 ⇔ 65535	0–100%
157	**Zone 16: MSB Green**	00000 ⇔ 65535	0–100%
158	**Zone 16: LSB Green**	00000 ⇔ 65535	0–100%
159	**Zone 16: MSB Blue**	00000 ⇔ 65535	0–100%
160	**Zone 16: LSB Blue**	00000 ⇔ 65535	0–100%

20 MZ CIE xy 16 bit (Multi Zone)

Channel	Function	Value	Percent/Setting
1	Zone 1: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
2	Zone 1: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
3	Zone 1: MSB CIE x	00000 ⇔ 65535	0–0.85
4	Zone 1: LSB CIE x	00000 ⇔ 65535	0–0.85
5	Zone 1: MSB CIE y	00000 ⇔ 65535	0–0.85
6	Zone 1: LSB CIE y	00000 ⇔ 65535	0–0.85
7	Zone 2: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
8	Zone 2: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
9	Zone 2: MSB CIE x	00000 ⇔ 65535	0–0.85
10	Zone 2: LSB CIE x	00000 ⇔ 65535	0–0.85
11	Zone 2: MSB CIE y	00000 ⇔ 65535	0–0.85
12	Zone 2: LSB CIE y	00000 ⇔ 65535	0–0.85
13	Zone 3: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
14	Zone 3: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
15	Zone 3: MSB CIE x	00000 ⇔ 65535	0–0.85
16	Zone 3: LSB CIE x	00000 ⇔ 65535	0–0.85
17	Zone 3: MSB CIE y	00000 ⇔ 65535	0–0.85
18	Zone 3: LSB CIE y	00000 ⇔ 65535	0–0.85
19	Zone 4: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
20	Zone 4: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
21	Zone 4: MSB CIE x	00000 ⇔ 65535	0–0.85
22	Zone 4: LSB CIE x	00000 ⇔ 65535	0–0.85
23	Zone 4: MSB CIE y	00000 ⇔ 65535	0–0.85
24	Zone 4: LSB CIE y	00000 ⇔ 65535	0–0.85
25	Zone 5: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
26	Zone 5: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
27	Zone 5: MSB CIE x	00000 ⇔ 65535	0–0.85
28	Zone 5: LSB CIE x	00000 ⇔ 65535	0–0.85
29	Zone 5: MSB CIE y	00000 ⇔ 65535	0–0.85
30	Zone 5: LSB CIE y	00000 ⇔ 65535	0–0.85
31	Zone 6: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
32	Zone 6: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
33	Zone 6: MSB CIE x	00000 ⇔ 65535	0–0.85
34	Zone 6: LSB CIE x	00000 ⇔ 65535	0–0.85
35	Zone 6: MSB CIE y	00000 ⇔ 65535	0–0.85
36	Zone 6: LSB CIE y	00000 ⇔ 65535	0–0.85
37	Zone 7: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
38	Zone 7: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
39	Zone 7: MSB CIE x	00000 ⇔ 65535	0–0.85
40	Zone 7: LSB CIE x	00000 ⇔ 65535	0–0.85
41	Zone 7: MSB CIE y	00000 ⇔ 65535	0–0.85
42	Zone 7: LSB CIE y	00000 ⇔ 65535	0–0.85
43	Zone 8: MSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
44	Zone 8: LSB Dimmer	00000 ⇔ 65535	0–100% (closed to open)
45	Zone 8: MSB CIE x	00000 ⇔ 65535	0–0.85

Channel	Function	Value	Percent/Setting
46	**Zone 8: LSB CIE x**	00000 ⇔ 65535	0–0.85
47	**Zone 8: MSB CIE y**	00000 ⇔ 65535	0–0.85
48	**Zone 8: LSB CIE y**	00000 ⇔ 65535	0–0.85
49	**Zone 9: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
50	**Zone 9: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
51	**Zone 9: MSB CIE x**	00000 ⇔ 65535	0–0.85
52	**Zone 9: LSB CIE x**	00000 ⇔ 65535	0–0.85
53	**Zone 9: MSB CIE y**	00000 ⇔ 65535	0–0.85
54	**Zone 9: LSB CIE y**	00000 ⇔ 65535	0–0.85
55	**Zone 10: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
56	**Zone 10: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
57	**Zone 10: MSB CIE x**	00000 ⇔ 65535	0–0.85
58	**Zone 10: LSB CIE x**	00000 ⇔ 65535	0–0.85
59	**Zone 10: MSB CIE y**	00000 ⇔ 65535	0–0.85
60	**Zone 10: LSB CIE y**	00000 ⇔ 65535	0–0.85
61	**Zone 11: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
62	**Zone 11: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
63	**Zone 11: MSB CIE x**	00000 ⇔ 65535	0–0.85
64	**Zone 11: LSB CIE x**	00000 ⇔ 65535	0–0.85
65	**Zone 11: MSB CIE y**	00000 ⇔ 65535	0–0.85
66	**Zone 11: LSB CIE y**	00000 ⇔ 65535	0–0.85
67	**Zone 12: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
68	**Zone 12: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
69	**Zone 12: MSB CIE x**	00000 ⇔ 65535	0–0.85
70	**Zone 12: LSB CIE x**	00000 ⇔ 65535	0–0.85
71	**Zone 12: MSB CIE y**	00000 ⇔ 65535	0–0.85
72	**Zone 12: LSB CIE y**	00000 ⇔ 65535	0–0.85
73	**Zone 13: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
74	**Zone 13: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
75	**Zone 13: MSB CIE x**	00000 ⇔ 65535	0–0.85
76	**Zone 13: LSB CIE x**	00000 ⇔ 65535	0–0.85
77	**Zone 13: MSB CIE y**	00000 ⇔ 65535	0–0.85
78	**Zone 13: LSB CIE y**	00000 ⇔ 65535	0–0.85
79	**Zone 14: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
80	**Zone 14: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
81	**Zone 14: MSB CIE x**	00000 ⇔ 65535	0–0.85
82	**Zone 14: LSB CIE x**	00000 ⇔ 65535	0–0.85
83	**Zone 14: MSB CIE y**	00000 ⇔ 65535	0–0.85
84	**Zone 14: LSB CIE y**	00000 ⇔ 65535	0–0.85
85	**Zone 15: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
86	**Zone 15: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
87	**Zone 15: MSB CIE x**	00000 ⇔ 65535	0–0.85
88	**Zone 15: LSB CIE x**	00000 ⇔ 65535	0–0.85
89	**Zone 15: MSB CIE y**	00000 ⇔ 65535	0–0.85
90	**Zone 15: LSB CIE y**	00000 ⇔ 65535	0–0.85
91	**Zone 16: MSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)

Channel	Function	Value	Percent/Setting
92	**Zone 16: LSB Dimmer**	00000 ⇔ 65535	0–100% (closed to open)
93	**Zone 16: MSB CIE x**	00000 ⇔ 65535	0–0.85
94	**Zone 16: LSB CIE x**	00000 ⇔ 65535	0–0.85
95	**Zone 16: MSB CIE y**	00000 ⇔ 65535	0–0.85
96	**Zone 16: LSB CIE y**	00000 ⇔ 65535	0–0.85

5. Maintenance

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean each lighting product at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
4. Clean all transparent surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
5. Apply the solution directly to a soft, lint free cotton cloth or a lens cleaning tissue.
6. Softly drag any dirt or grime to the outside of the transparent surface.
7. Gently polish the transparent surfaces until they are free of haze and lint.



Always dry the transparent surfaces carefully after cleaning them.



Do not spin the cooling fans with compressed air. Damage may result.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
60.8 in (1544 mm)	7.6 in (193 mm)	22.4 in (568 mm)	72.8 lb (33 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Range	Voltage Selection
Switching (internal)	100 to 240 VAC, 50/60 Hz	Auto-ranging

Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Consumption	1200 W	1200 W	1200 W	1200 W	1200 W
Operating Current	12.0 A	10.0 A	5.77 A	5.22 A	5.0 A
Fuse	T15A 250 V	T15A 250 V	T15A 250 V	T15A 250 V	T15A 250 V

Power I/O	U.S./Worldwide	UK/Europe
AC Power Input Connector	Seetronic, Neutrik powerCON TRUE1 compatible	
Power Cable plug	Edison	Local plug

Light Source

Type	Color	Power	Lifespan
5-color TDRGB LED	2700 K 6500 K Red Green Blue	360 x 4 of each (7,200 LEDs total)	50,000 hours (L70)

Photometrics

Color Temperature Range	Beam Angle	Field Angle	Cutoff Angle
2500 to 9900 K	109.1°	159.5°	173.1°

Illuminance @ 5m	Illuminance @ 3m (3200K)	Illuminance @ 3m (5600K)
1828 lux	4532 lux	5079 lux

Fixture Output	Fixture Peak	Efficacy	TLCI	PWM
126,383 lm	45,709 cd	114 lm/W	99	30 kHz

Thermal

Startup Temperature Range	Operating Temperature Range	Cooling System
-4°F–113 °F (-20°C–45 °C)	-22°F–113 °F (-30°C–45 °C)	Fan-assisted Convection

DMX

DMX I/O Connector	Channel Range
5-pin XLR	3, 4, 5, 6, 7, 8, 10, 12, 13, 15, 80, 96, 128, or 160

Art-Net/sACN

I/O Connector	Channel Range
Seetronic Etherkon-Compatible	3, 4, 5, 6, 7, 8, 10, 12, 13, 15, 80, 96, 128, or 160

Ordering

Product Name	Item Name	Item Code	UPC Number
CELEB IKON 12	KFIKON12	**26032210**	**781462225582**

UL 1573
CSA C22.2 No. 166
E113093

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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.