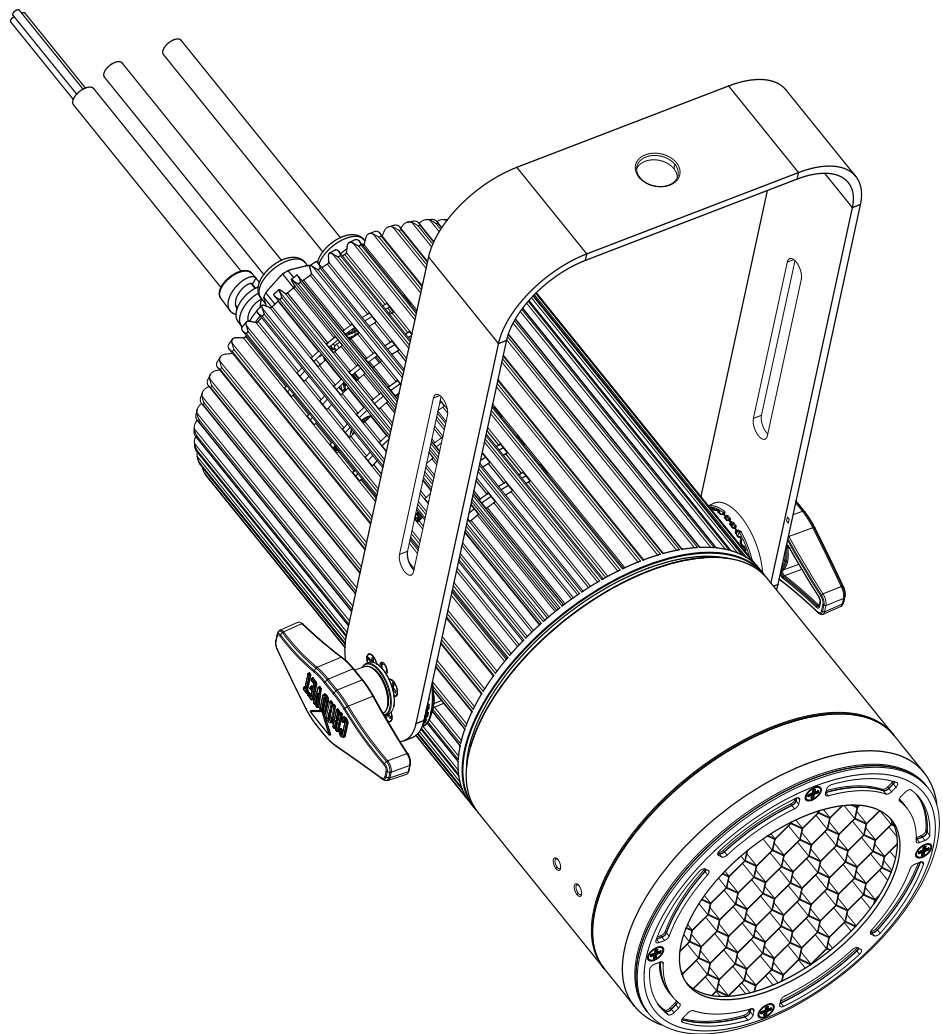


# OVATION

## H-55WW

### Quick Reference Guide

English	EN
Español	ES
Français	FR
Deutsch	DE
Nederlands	NL



Model ID: OVATIONH55WWBLK  
OVATIONH55WWWHT

  
**CHAUVET**  
PROFESSIONAL

## About This Guide

The Ovation H-55WW Quick Reference Guide (QRG) has basic product information such as connection, mounting, menu options, and DMX values.

### Disclaimer

The information and specifications contained in this QRG are subject to change without notice.

### LIMITED WARRANTY

**FOR WARRANTY REGISTRATION AND COMPLETE TERMS AND CONDITIONS PLEASE VISIT OUR WEBSITE.**

**For Customers in the United States and Mexico:** [www.chauvetlighting.com/warranty-registration](http://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](http://www.chauvetlighting.eu/warranty-registration).

Chauvet warrants that this product shall be free from defects in material and workmanship under normal use, for the period specified in, and subject to the exclusions and limitations set forth in the full limited warranty on our website. This warranty extends only to the original purchaser of the product and is not transferable. To exercise rights under this warranty, you must provide proof of purchase in the form of an original sales receipt from an authorized dealer that shows the product name and date of purchase. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES. This warranty gives you specific legal rights. You may also have other rights that vary from state to state and country to country. This warranty is valid only in the United States, United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, Germany and Mexico. For warranty terms in other countries, please consult your local distributor.

### Safety Notes

- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 7.2 m 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 his service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- The luminaire is intended for professional use only.
- DO NOT open this product. It contains no user-serviceable parts.
- 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.
- DO NOT look at the light source when the product is on.
- CAUTION: This product's housing may be hot when lights are operating.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it. (IP20)
- DO NOT leave any flammable material within 50 cm of this product while operating or connected to power.
- CAUTION: When transferring 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 product to fully acclimate to the surrounding environment before connecting it to power.
- USE a safety cable when mounting this product overhead.
- DO NOT operate this product if the housing, lenses, or cables appear damaged.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.
- ONLY use the hanging/mounting bracket to carry this product.
- In the event of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.

### FCC 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.

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 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Contact

Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact your distributor to request support or return a product. Refer to [Contact Us](#) at the end of this QRG for contact information.

## What is Included

- Ovation H-55WW
- 65°, 40°, and 25° Lens
- 80° Filter
- Egg Crate
- Recess and Sconce Mounting Kits
- Quick Reference Guide

## AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

## AC Plug

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow/Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

## Replacing The Fuse

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



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.

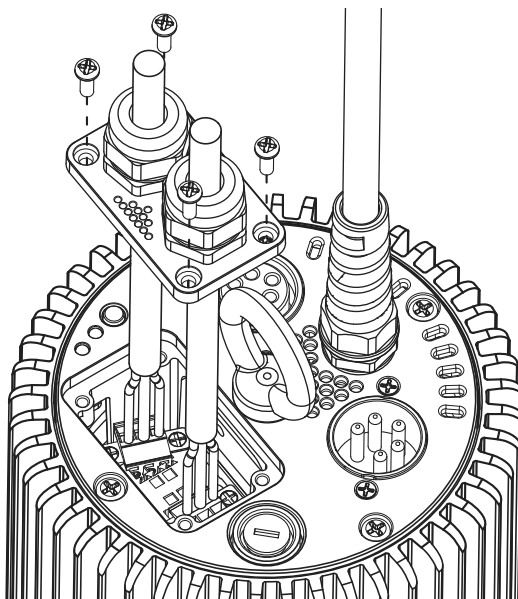
## DMX Linking

The Ovation H-55WW will work with a DMX controller using a wireless, 5-pin DMX serial, or hard wire connection. A DMX Primer is available from [www.chauvetprofessional.com](http://www.chauvetprofessional.com).

## DMX Connection

The Ovation H-55WW uses a DMX connection for its DMX personalities: **1Ch**, **2Ch**, **3Ch** or **6Ch**.

## DMX Hard-Wired Diagram



## Master/Slave Connection

The Ovation H-55WW uses the DMX data connection for its Master/Slave mode.

## RDM (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 Ovation H-55WW supports RDM protocol that allows feedback to make changes to menu map options. Download the User Manual from [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for more details.

## Wireless Operation

In optimal conditions, the Ovation H-55WW can operate up to 300 m (900 ft) away from the W-DMX transmitter. The W-DMX receiver in the Ovation H-55WW must be paired with the W-DMX transmitter for wireless operation.

### Initial Setup

1. Turn the W-DMX transmitter on.
2. Connect the W-DMX transmitter to a DMX controller.
3. Place the Ovation H-55WW within 300 m from the W-DMX transmitter.
4. Disconnect any DMX cable from the Ovation H-55WW.
5. Turn the Ovation H-55WW on.

### Wireless Configuration

To configure the wireless mode, press and hold the button next to the indicator lights.

Mode	Wireless Indicator Light	Description
OFF	Green/Red lights off	Fixture is off
RECEIVE MODE	Green light flashing slowly	In Receiving Mode
	Red light off	Waiting for wireless connection
	Red light on	Connected with W-DMX Control and there is a DMX input signal
	Red light flashing slowly	Connected with W-DMX Control but no DMX input signal detected
	Red light flashing quickly	Connected to W-DMX Control but the signal is weak

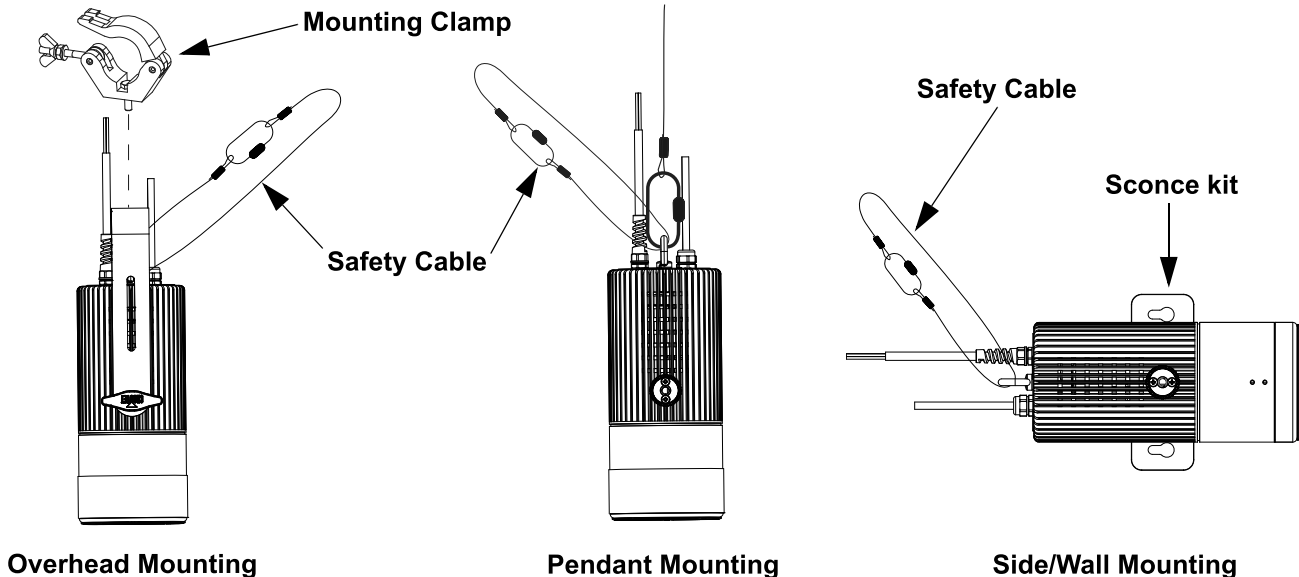


**W-DMX operation can be interrupted or inhibited by liquid masses between the transmitter and receiver such as water, snow, or people. For best results, keep the area between the transmitter and receiver clear of any liquid mass.**

## Mounting

Before mounting this product, read the [Safety Notes](#). Use at least one mounting point per product. Make sure the mounting clamps are capable of supporting the weight of the product. For our Chauvet line of mounting clamps, go to <http://trusst.com/productcategory/truss-clamps/>.

### Product Mounting Diagram



## Menu Map

Refer to the Ovation H-55WW product page on [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for the latest menu map.



**RDM2go, or other RDM-capable interface, is required for fixture setup.**

Main Level	Programming Levels				Description
DMX Address	Address			001–512	Selects starting address (*highest channel restricted to personality chosen)
DMX Channel	1CH				1-channel: Dimmer
	2CH				2-channel: dimmer, 16-bit dimmer
	3CH				3-channel: dimmer, 16-bit dimmer, strobe
	6CH				6-channel: Dimmer, 16-bit dimmer, strobe, auto programs, auto speed, control
Dimmer Curve	SCurve				Sets the dimmer curve
	Linear				
	Square				
	I Square				
Dimmer Mode	Off				Linear dimmer
	Dimmer 1				Fast dimmer curve
	Dimmer 2				Medium dimmer curve
	Dimmer 3				Slow dimmer curve
LED Frequency	600Hz				Selects the PWM output frequency
	1200Hz				
	2000Hz				
	4000Hz				
	6000Hz				
	25KHz				
Factory Reset	No				Reset to factory defaults
	Yes				
Specific PIDS	1	8206	Clean Device Hours	0	Do not clean device hours
				1	Clean device hours
	2	8207	Static-Dimmer	0–255	Dimmer (0–100%)
	3	8208	Static-Strobe	0–255	Strobe (0–100%)
	4	8209	Auto Show	1–4	Selects automatic programs
	5	8210	Auto Speed	1–100	Sets program speed
	6	8211	Master/Slave	0	Master mode
				1	Slave mode
	7	8212	W-DMX On/Off	0	W-DMX off
				1	W-DMX on
	8	8215	Receive Reset	0	Do not reset receiver
				1	Reset receiver
	9	8216	Emergency Mode	0	Emergency mode off
				1	Emergency mode on

EN

## DMX Values

### 6 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%
3	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
4	Auto Programs	000 ⇔ 010 011 ⇔ 070 071 ⇔ 130 131 ⇔ 190 191 ⇔ 255	No function Auto program 1 Auto program 2 Auto program 3 Auto program 4
5	Auto Speed	000 ⇔ 255	0–100%
6	Control (hold for 3 seconds)	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 063 064 ⇔ 071 072 ⇔ 079 080 ⇔ 255	No function Dimmer reset S-curve dimmer Linear dimmer Square dimmer curve Inverse square dimmer curve Dimmer speed mode OFF Dimmer speed 1 (fastest) Dimmer speed 2 Dimmer speed 3 (slowest) Reserved for future use

### 3 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%
3	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

### 2 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%

### 1 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%

## Technical Specifications

### Dimensions and Weight

Length	Width	Height	Weight
13.14 in (334 mm)	6.92 in (176 mm)	4.52 in (115 mm)	7.4 lb (3.4 kg)

**Note:** Dimensions in inches are rounded.

### Power

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

Parameter	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz
Consumption	60 W	61 W	63 W
Operating current	0.497 A	0.297	0.269 A
Fuse	T2 A, 250 V	T2 A, 250 V	T2 A, 250 V

Power I/O	US/Canada	UK/Worldwide
Fixed Power Cord	Bare-wired	Bare-wired

### Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Warm white	1	129.5 W	1.45 A	50,000 hours

### Photometrics

Filter/Lens	Beam Angle	Field Angle	Illuminance @ 5 m
80° filter	41°	126°	131 lux
65° lens	39°	73°	212 lux
45° lens	30°	58°	400 lux
25° lens	24°	39°	728 lux

### Thermal

Minimum External Temp.	Maximum External Temp.	Cooling
-4 °F (-20 °C)	113 °F (45 °C)	Convection

### DMX

I/O Connector	Channel Range
5-pin XLR, W-DMX	1, 2, 3 or 6

### Ordering

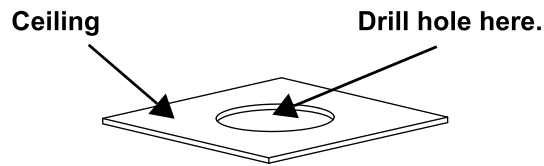
Product	Item Name	Item Code	UPC Number
Ovation H-55WW (black)	OVATIONH55WWBLK	03031628	781462219765
Ovation H-55WW (white)	OVATIONH55WWWHT	03031627	781462219758

## Instructions for Ovation H-55WW Houselight Recess Kit Installation

The instructions for installing the Houselight Recess Kit with the Ovation H-55WW can be found below.

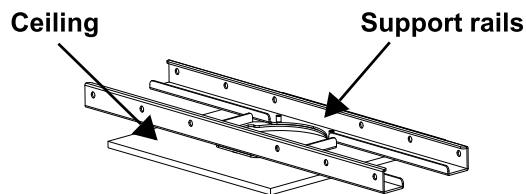
### Instructions for Ovation H-55WW

1. Drill a 145–160 mm hole on the ceiling.

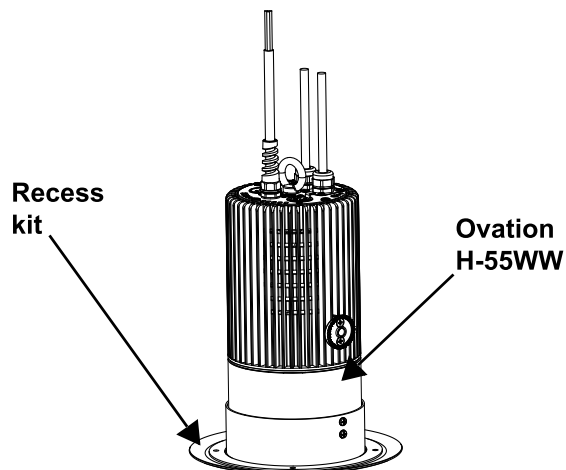


**Ensure that the ceiling can support the weight of the fixture and associated hardware before installing.**

2. Attach the support rails to the ceiling.

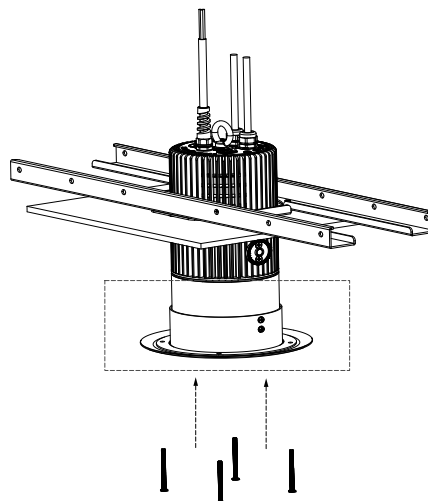


3. Attach the recess kit to the fixture.



**When using the recess kit, the fixture must be installed into a plenum space with adequate open space for ventilation. Installing into confined spaces with no airflow is not permitted.**

4. Attach the fixture into the ceiling using 4 pieces of M4 screws.

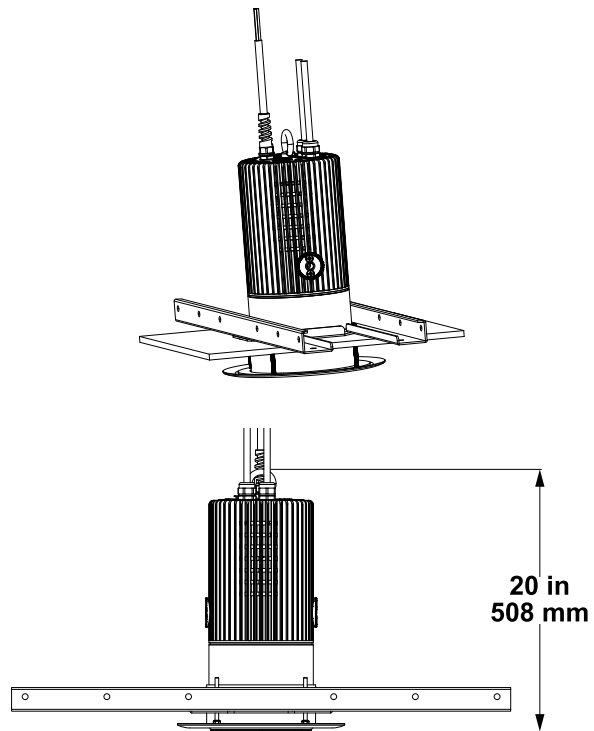




5. Setup is finished.



A Distance of at least 20 in (508 mm) from wall to ceiling, in all directions, is required when installing the recess kit.



#### Exploded view of fixture installation

