



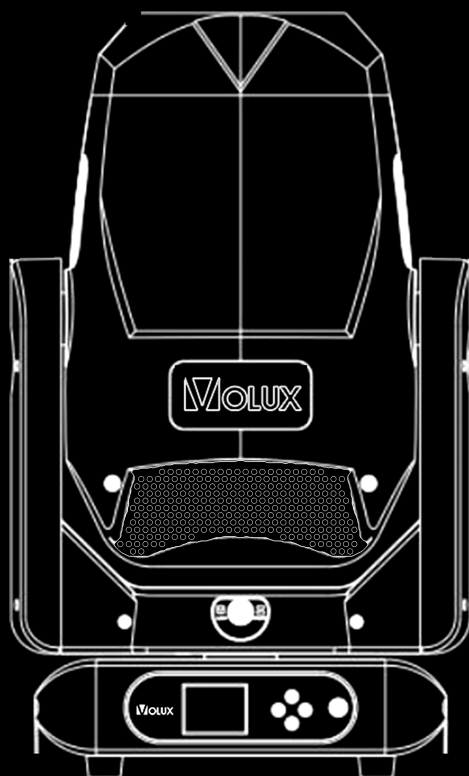
INNOVATIVE LUMINESCENCE



STATITE V

550W LED Profile Moving Head

USER MANUAL



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Thank you for choosing the VOLUX Statite V. This manual covers safe installation, rigging, setup, operation and maintenance of the fixture. Read it completely before installing or operating the unit, and keep it with the fixture for future reference. The latest version of this manual and current firmware are available from the VOLUX Support Portal at support.voluxlighting.com.

1. Safety Information

The Statite V is a professional entertainment lighting fixture intended for installation and operation by qualified personnel only. Failure to follow these instructions may result in serious injury, damage to property and loss of warranty coverage.

WARNING

Risk of electric shock. Disconnect mains power before opening any cover, replacing gobos or performing service. The fixture is a Class I device and must be connected to a grounded (earthed) supply. Do not operate with damaged cables, connectors or housings.

WARNING

Intense light output. Do not look directly into the beam. Never point the beam at people at close range or through magnifying optics.

CAUTION

Burn and fire hazard. The housing becomes hot during operation; allow the fixture to cool before handling. Keep combustible materials at least **3 m (10 ft)** from the fixture and do not illuminate flammable or heat-sensitive surfaces closer than 3 m.

General safety requirements

- **Indoor, dry locations only.** The Statite V is rated IP20. Protect it from rain, moisture, condensation and liquids, and do not operate it in dusty, oily, corrosive or explosive atmospheres.
- Permissible ambient operating temperature: **-10 °C to +50 °C** (14 °F to 122 °F). Recommended: 20 °C to 35 °C.
- Supply: **100–240 V AC, 50/60 Hz**, 730 W maximum. Never connect the fixture to a dimmer pack or phase-control (SCR) dimmer circuit.
- Rig only to structures rated for at least 10 times the fixture weight, and always fit a secondary safety cable (see Section 5).
- Keep ventilation openings unobstructed, with at least 0.5 m (20 in) of clearance around the fixture.
- Ensure the head can move freely through its full pan (540°) and tilt (270°) range.
- Never expose the front lens to direct sunlight or point another fixture's beam into it, even when the fixture is off. Focused light can damage internal optics.
- Avoid rapid repeated power cycling; allow the fixture to cool before restarting.
- Engage the pan and tilt locks and secure the fixture before transport. Use the original packaging or a suitable flight case.
- There are no user-serviceable parts beyond those described in this manual. Refer all other service to VOLUX-authorized personnel.

2. Product Overview

Statite V is a compact, fully featured profile luminaire delivering **28,000 lumens** from a high-efficiency **550 W, 6,500 K LED engine**. A **4.5°–55°** motorized zoom with auto-focus maintains a crisp, flat-field projection, while 16-bit dimming with selectable dimmer curves provides exceptionally smooth fades. Selectable fan modes make the fixture suitable for theatre, broadcast and other noise-sensitive spaces.

The effects package includes a four-blade full-blackout framing system with rotation and built-in macros, a rotating animation wheel, a motorized iris with pulse effects, static and rotating glass gobos, two frost filters and two rotating prisms. Linear CMY + CTO color mixing is paired with a dichroic color wheel that includes a High-CRI filter. Control is via DMX512, RDM, Art-Net, sACN and wireless DMX in a 37-channel Standard or 47-channel Extended mode.

Key features

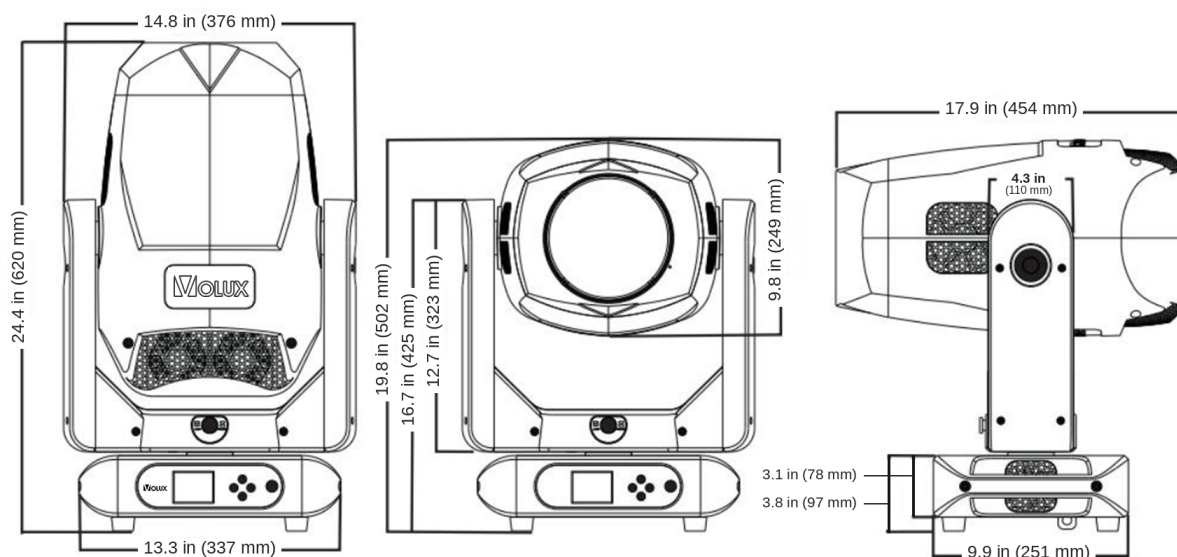
Feature	Detail
Light engine	550 W, 6,500 K LED • 28,000 lm • 50,000-hour rated life
Zoom & focus	4.5°–55° motorized zoom • 16-bit motorized focus • auto-focus at 5 / 7.5 / 10 / 15 m
Color	Linear CMY + CTO • 5 dichroic colors + High-CRI filter • bidirectional rainbow
Framing	4 independent blades, full blackout • 120° system rotation • 63 framing macros
Gobos	7 rotating, indexing, interchangeable glass gobos + open • 8 static glass gobos + open with shake and scroll
Effects	Animation wheel • motorized iris with 3 pulse effects • 4-facet circular and linear rotating prisms • 2 linear frost filters
Dimming	16-bit • 4 dimmer curves • selectable LED refresh rate for flicker-free camera work • electronic strobe and pulse effects
Control	DMX512, RDM, Art-Net, sACN, wireless DMX • 37 / 47 channel modes • 8 on-board programs
Convenience	Display battery backup for setup without mains power (battery sold separately) • auto-rotating display • pan/tilt transport locks

Package contents

Qty	Item
1	Statite V Profile moving head
1	PowerCON TRUE1 power cable
1	DMX cable
2	Omega (quick-turn) mounting brackets
1	Safety cable
2	Truss clamps (flight-case packages only)

Optional accessories: 2-unit flight case, additional omega brackets and clamps, folding clamp kit (replaces the standard omega brackets and clamps). Inspect the shipment on arrival; photograph any packaging damage and report it to the carrier and your VOLUX Authorized Dealer or Distributor immediately.

3. Fixture Dimensions

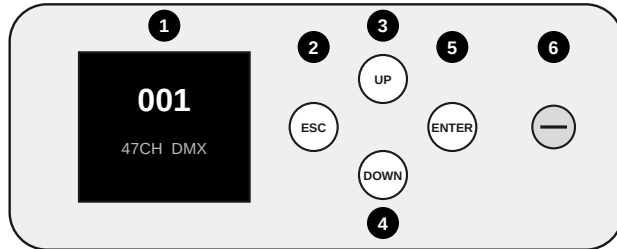


Left to right: front view with head upright, front view with head horizontal, side view. Dimensions in inches (millimeters).

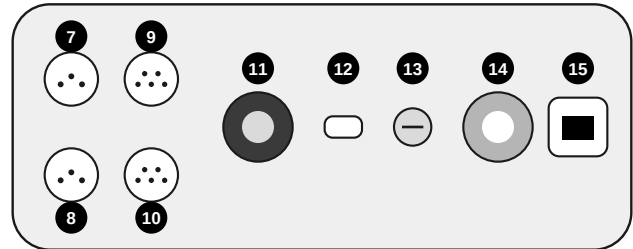
Dimension	Value
Overall height, head upright	24.4 in (620 mm)
Overall height, head horizontal	19.8 in (502 mm)
Height to top of yoke	16.7 in (425 mm)
Yoke height above base	12.7 in (323 mm)
Head height (head horizontal)	9.8 in (249 mm)
Overall width (yoke)	14.8 in (376 mm)
Head length	17.9 in (454 mm)
Yoke arm width	4.3 in (110 mm)
Base width × depth	13.3 × 9.9 in (337 × 251 mm)
Base height (incl. feet / body only)	3.8 in (97 mm) / 3.1 in (78 mm)
Net weight	48.5 lb (22 kg)
Shipping carton (1 unit)	19.1 × 14.0 × 28.1 in (486 × 355 × 715 mm)
Flight case (2 units)	22.9 × 21.4 × 34.6 in (582 × 544 × 879 mm)

Allow additional clearance around the fixture for the head's full movement range and at least 0.5 m (20 in) for ventilation.

4. Controls & Connections



CONTROL PANEL (front of base)



CONNECTION PANEL (rear of base)

Schematic only – not to scale

Control panel and connection panel locations. Numbers refer to the table below.

No.	Item	Function
1	Display	High-resolution color LCD. Rotates automatically to suit the mounting orientation.
2	MODE/ESC	Open the main menu; exit / go back one level without saving.
3	UP	Scroll up / increase value. Hold on the home screen to change the DMX address quickly.
4	DOWN	Scroll down / decrease value. Hold on the home screen to change the DMX address quickly.
5	ENTER	Select / confirm.
6	Battery button	Turns on the display and menu on battery power when the fixture is not connected to mains power (optional battery required; see On-board battery below).
7 / 8	DMX IN / OUT (3-pin XLR)	DMX512 / RDM input and link output.
9 / 10	DMX IN / OUT (5-pin XLR)	DMX512 / RDM input and link output.
11	POWER IN	PowerCON TRUE1 mains input, 100–240 V AC, 50/60 Hz.
12	USB	Firmware update port.
13	FUSE	Mains fuse holder. Replace only with a fuse of the type and rating marked on the fixture.
14	POWER OUT	PowerCON TRUE1 link output to additional fixtures.
15	RJ45 IN	Ethernet input for Art-Net and sACN.

Use either the 3-pin or the 5-pin DMX input, not both at the same time.

On-board battery

The Statite V can take a 3.7 V lithium-ion battery that powers the display and menu, so you can preset the DMX address and other settings without connecting the fixture to mains power. The battery recharges automatically whenever the fixture is powered.

Battery type: 10440 (AAA-size) 3.7 V protected lithium-ion rechargeable

CAUTION

Batteries are not included. VOLUX battery-enabled fixtures ship without batteries installed due to shipping regulations. Do not use any other battery type, as this may damage the fixture. Always follow local and federal shipping regulations for lithium-ion batteries, and remove the battery before shipping the fixture.

Installing the battery

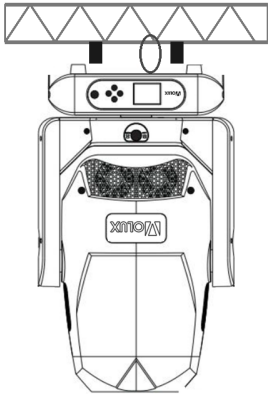
The battery holder is inside the base, behind the display and control buttons.

1. Disconnect the fixture from mains power.
2. Loosen the screws on the top of the base on the display side.
3. Slide the top cover off the base.
4. Carefully insert the battery into the holder, observing the polarity marking on the holder.
5. Refit the cover and tighten the screws.

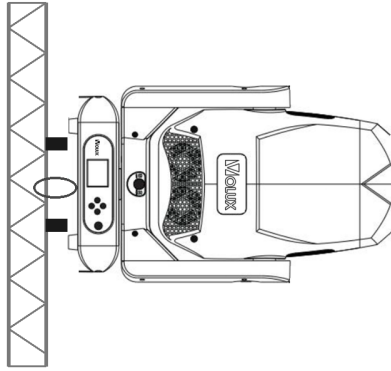
To use the menu on battery power, press the **battery button** (item 6) on the control panel. See Section 7 for details.

5. Rigging

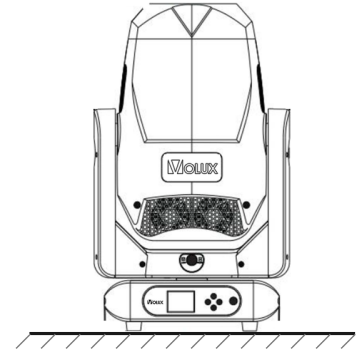
The Statite V may be hung inverted from a truss, mounted horizontally on a vertical truss, or placed upright on a level surface. Rigging must be carried out by qualified personnel in accordance with local codes and regulations.



Hanging (inverted) from truss



Horizontal (side-mounted)



Upright on a level floor

Maximum mounting angle: $\pm 90^\circ$ from vertical. Always fit a safety cable when the fixture is suspended.

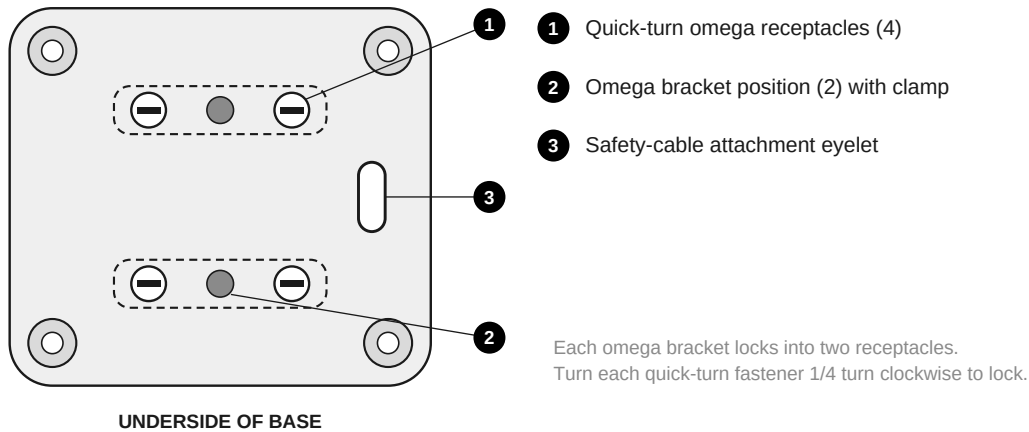
Permitted mounting orientations. The safety cable loop is shown schematically.

WARNING

Never stand directly below the fixture while rigging, de-rigging or servicing. Do not install fixtures above walkways, seating or other areas accessible to unauthorized persons without appropriate exclusion zones.

Load and safety requirements

- The supporting structure must carry at least **10 times** the weight of all fixtures and accessories installed on it without deformation.
- Each suspended fixture must have a secondary **safety cable rated for at least 12 times** the fixture weight (22 kg / 48.5 lb), attached to the safety-cable eyelet on the base.
- Use clamps (half-couplers) sized for the truss tube, typically 48–51 mm, with a working load limit no lower than the fixture weight multiplied by the applicable safety factor.
- The maximum permitted mounting angle is $\pm 90^\circ$ from vertical.
- Inspect clamps, brackets, fasteners and safety cables before every installation and at regular intervals. Replace any worn, corroded or deformed parts.



Omega bracket and safety-cable attachment points on the underside of the base.

Overhead installation

1. Bolt a rated clamp to the center hole of each omega bracket.
2. Engage the pan and tilt locks so the head cannot swing while you are lifting it.
3. Align each omega bracket over its pair of receptacles on the base, press it flat and turn both quick-turn fasteners a full 1/4 turn clockwise. Confirm every fastener is locked.
4. Working from a stable platform, lift the fixture into position and tighten the clamps securely onto the truss.
5. Loop the safety cable through the truss and through the safety-cable eyelet on the base, and close it. Never attach the safety cable to an omega bracket, clamp or the head.
6. Release the pan and tilt locks and confirm the head has unobstructed movement through its full range.
7. Have a second qualified person check the installation before applying power.

Pan / tilt locks

Pan and tilt locks secure the head for transport, rigging and maintenance. The tilt lock has locking positions at 0°, 45° and 90°. **Release both locks before applying power:** at power-up the fixture runs a self-test of all motors, including pan and tilt. Automatic position feedback returns the head to its commanded position if it is moved by an external force.

Floor installation

Place the fixture on its feet on a flat, stable, non-combustible surface where it cannot be knocked over or tripped on, keeping the head clear of nearby objects through its full movement range.

6. Power & Data Connection

Power

Connect the supplied PowerCON TRUE1 cable to **POWER IN** and to a grounded outlet supplying 100–240 V AC, 50/60 Hz. The power supply is auto-ranging (power factor > 0.96). Before connecting, confirm that the pan/tilt locks are released and that plugs and sockets are clean and dry. All mains wiring must be carried out by a qualified electrician.

Supply voltage	Max. fixtures per power link
100–120 V	2
220–240 V	4

Use power cable of at least 2.5 mm² (14 AWG). Always confirm the link count against the connector rating (16 A), cable rating, circuit capacity and local electrical code.

Conductor color	Connection	Marking
Brown	Live	L
Blue	Neutral	N
Green / yellow	Earth (ground)	PE

Wired DMX512 / RDM

- Connect the console's DMX output to **DMX IN** (3-pin or 5-pin XLR). Link further fixtures from **DMX OUT** to the next fixture's DMX IN.
- XLR pinout: pin 1 ground (shield), pin 2 data –, pin 3 data +. On 5-pin connectors, pins 4 and 5 are not used.
- Use only shielded twisted-pair 120 ohm DMX cable. Microphone cable is not suitable.
- Connect fixtures in a daisy chain only; never split a line with a Y-cable. Use an opto-isolated splitter to create branches.
- Limit each line to 32 devices and 300 m (1,000 ft). Fit a 120 ohm terminator (resistor between pins 2 and 3) to DMX OUT of the last fixture.
- Keep DMX cables away from high-voltage wiring and audio cables run in parallel.

Art-Net / sACN

- Connect shielded Cat5e or Cat6 cable to **RJ45 IN**, through a network switch or directly from the console. Maximum cable run is 100 m (328 ft).
- In the menu, set **SETTING > SIGNAL** to **ETHERNET** and configure **SETTING > ARTNET SET**: IP address, subnet mask, subnet/universe and protocol (Art-Net or sACN). Set the first three numbers of the IP address to match the console and give each fixture a unique final number.
- **Ethernet-to-DMX**: set the first fixture to **ETHERNET-DMX**. It then re-transmits the received universe from its DMX OUT, so downstream fixtures can be linked by DMX cable and set to **DMX512**.

Wireless DMX

1. Clear any previous pairing: **SETTING > WIRELESS SET > DISCONNECT**, then press ENTER. The prompt clears after about 3 seconds.
2. Set **SETTING > SIGNAL** to **CRMX/WDMX** and press ENTER. A wireless icon appears at the top right of the display.
3. On the wireless transmitter, start the link function (typically by pressing its link button for 1–2 seconds). Linking can take from 10 seconds to over a minute.
4. When linking succeeds, the wireless icon shows that the fixture is receiving data.

For best range, mount the transmitter antenna high, clear of obstacles and away from Wi-Fi access points. The **CRMX/WDMX-DMX**, **DMX-CRMX/WDMX** and **ETHERNET-CRMX/WDMX** signal options and the **SEARCH RECEIVER** function are used when the fixture acts as a wireless transmitter; this requires an optional transmitter module. Contact VOLUX Support before using these modes.

7. Menu Operation

Navigating the menu

- Press **MODE/ESC** to open the main menu from the home screen.
- Use **UP / DOWN** to move between items and **ENTER** to open an item.
- For most settings, press **ENTER twice** to enter edit mode (the display flashes while editing), use **UP / DOWN** to change the value, then press **ENTER** to save.
- Press **MODE/ESC** to go back one level without saving.

Quick DMX address change

From the home screen, press and hold **UP** or **DOWN** for 1–3 seconds to scroll the DMX address (001–512), then press **ENTER** to save.

Setup without mains power

With the optional display battery installed and the fixture unplugged, press the **battery button** on the control panel to wake the display on battery power. All menus except Reset and Test can be used. The display switches off after 30 seconds of inactivity. The battery recharges automatically when the fixture is powered.

Setting lock

Channel mode and all fine-adjustment (ADJUST) functions are protected. To unlock them, go to **USER > SETTING LOCK**, press **ENTER** twice, enter the 4-digit code **1234** (**ENTER** selects a digit, **UP / DOWN** moves to the next digit) and press **ENTER**. An incorrect code shows **ERR**.

Menu structure

Main menu	Item	Options / values	Description
INFORMATION	ADDRESS	001–512	Set the DMX start address.
	RUNTIME	–	Total light-source operating hours.
	VERSION	–	Firmware versions of the fixture's control boards.
	TEMPERATURE	Main board, light source	Current internal temperatures.
	FAN SPEED	F1, F2, L1, C1, H1	Speed of each cooling fan and blower.
	ERROR MESSAGE	–	Active error codes (see Section 11).
SETTING	RESET	REBOOT / DEFAULT DATA	Restart the fixture, or restore all settings to factory defaults.
	CHANNEL SET *	37 / 47	DMX mode: 37 channels (Standard) or 47 channels (Extended).
	SIGNAL	DMX512, CRMX/WDMX, ETHERNET, PROGRAM, ETHERNET-DMX, CRMX/WDMX-DMX, DMX-CRMX/WDMX, ETHERNET-CRMX/WDMX	Control source. Combined options re-transmit the received data (see Section 6).

Main menu	Item	Options / values	Description
	OFFLINE SET	HOME / HOLD	Behavior on loss of signal: return to home position or hold the last state.
	FAN MODE	AUTO / FAST / LOW / SUPER LOW	Cooling and noise mode (see Section 8).
	WIRELESS SET	DISCONNECT / SEARCH RECEIVER	Clear the wireless pairing; search for receivers (transmitter mode only).
	ADJUST *	PAN, TILT, COLOUR, GOBO1, GOBO2, PRISM, ZOOM, FOCUS, IRIS, FOG (frost), CMY CTO, ANIMATION, BLADE	Fine adjustment of each effect's home position, plus pan / tilt reverse. See 'Fine adjustment' below.
	ARTNET SET	IP ADDRESS, SUBNET MASK, SUBNET/UNIVERSE, PROTOCOL (Artnet / sACN)	Network configuration.
	RDM UID	–	View or edit the fixture's RDM unique ID.
DISPLAY	LANGUAGE	ENGLISH (+ additional)	Menu language.
	BACKLIGHT	ON / OFF / FLASH	Display backlight behavior.
	REVERSE DISPLAY	ON / OFF / AUTO	Flip the display; AUTO follows the mounting orientation.
USER	SETTING LOCK	Code 1234	Unlock protected settings (marked *).
	KEY LOCK	ON / OFF	Lock the control-panel keys.
	TEST	Function, value 001–255, macros	Manually drive any function to test the fixture.
	PROGRAM	SELECT PROGRAM 1–8 / EDIT PROGRAM	Choose or edit the on-board programs for stand-alone use.

* Requires the setting-lock code (USER > SETTING LOCK) before the value can be changed.

Common procedures

Select the DMX channel mode

1. Unlock protected settings with **USER > SETTING LOCK** (code 1234).
2. Go to **SETTING > CHANNEL SET**, press ENTER twice, select **37** or **47** and press ENTER.
3. Set the start address of each fixture. With several fixtures on one line, add the channel count to the previous start address: 37-channel mode: 001, 038, 075, 112... 47-channel mode: 001, 048, 095, 142...

Fixtures given the same start address respond identically; give each fixture its own address for individual control. The 37-channel mode is recommended for first-time setup.

Fine adjustment

Fine adjustment corrects the home position of individual effects (for example, centering a gobo or aligning framing blades between fixtures). Unlock protected settings, then open **SETTING > ADJUST**, press ENTER twice and select the effect. Each effect offers a reset (RST) function and one or more adjustment (ADJ) values; PAN and TILT also offer a REVERSE (ON/OFF) setting. Press ENTER to save. Use small changes and verify the result before saving.

Test functions

Under **USER > TEST**, select a function (pan, tilt, color, CMY, CTO, gobos, gobo rotation, dimmer, strobe, prisms, zoom, focus, iris, frost, animation wheel, framing blades, framing rotation, framing macro or pan/tilt speed), then set

a value from 001 to 255 to drive it directly. Preset macro values (000, 043, 128, 170 and 255) are available for quick checks.

Stand-alone programs

Eight on-board programs allow the fixture to run without a console. Select or edit a program under **USER > PROGRAM**; in EDIT PROGRAM, choose each function and set its value, then press MODE/ESC twice to save and exit. To run the selected program, set **SETTING > SIGNAL** to **PROGRAM**.

RDM

The fixture can be discovered and configured from any RDM-capable controller. Supported parameters include device information, identify, device label, DMX start address (get/set), DMX personality (get/set) and descriptions, slot information, sensor definitions and values, and device hours. After changing the start address or personality via RDM, reset the fixture to apply the settings.

8. Operation & Effects

Power-on self-test

When power is applied, the fixture runs an automatic self-test of pan/tilt, zoom/focus, the color and gobo wheels and the framing system. This takes approximately 40–90 seconds; the fixture responds to control data when the test is complete.

Fan modes

Select the fan mode under **SETTING > FAN MODE** to balance acoustic requirements and sustained output. In quieter modes the fixture protects the LED engine by reducing output if internal temperatures rise.

Mode	Display setting	Noise (approx.)	Recommended use
Performance	FAST	50 dBA	Concerts and large venues; maximum sustained output
Auto	AUTO	44 dBA	General use; fan speed follows internal temperature
Quiet	LOW	38 dBA	Theatre, corporate events, houses of worship
Ultra Quiet	SUPER LOW	34 dBA	Broadcast, recording and highly noise-sensitive spaces

Effects reference

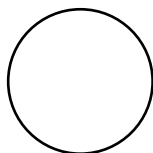
Effect	Operation
Zoom / focus	4.5°–55° zoom. Auto-focus (47-channel mode) keeps the image sharp at a selected throw distance of 5, 7.5, 10 or 15 m with fine adjustment between them; 16-bit manual focus is also available.
Framing	Four blades (A/B adjustment on each) can fully black out the beam. The framing system rotates through 120°, and 63 built-in framing macros are available.
Iris	Motorized iris from open to closed, plus three iris pulse effects.
Rotating gobos	7 interchangeable glass gobos + open, with indexed positioning, continuous rotation in both directions, gobo shake and wheel scroll.
Static gobos	8 glass gobos + open, with gobo shake and continuous wheel scroll.
Animation wheel	Linear insertion into the beam with continuous rotation in both directions.
Prisms	4-facet circular and linear prisms, each with indexing and continuous rotation.
Frost	Two linear frost filters for softening the beam edge or a wash-style output.
Color	Linear CMY + CTO mixing, and a color wheel with 5 dichroic colors and a High-CRI filter for improved color rendering, with continuous positioning and rainbow rotation.
Dimmer & strobe	16-bit dimmer with square-law, linear, inverse-square and S-curve options; strobe, ramp, pulse and random strobe effects.
LED refresh rate	Selectable 300 Hz, 600 Hz, 1,200 Hz or 13,672 Hz, each with or without dimmer smoothing (47-channel mode). Use a high refresh rate for camera work to avoid scan lines.

9. Gobos & Gobo Replacement

The Statite V has two interchangeable glass gobo wheels: a **static wheel** with 8 gobos plus open, and a **rotating wheel** with 7 indexing gobos plus open. All gobos are high-temperature coated glass of the same size, so gobos can be swapped between wheels or replaced with custom designs.

Gobo dimension	Size
Outer diameter	22.9 mm
Image diameter	16.5 mm
Thickness	1.1 mm

Static gobo wheel (37CH: channel 10 | 47CH: channel 11)



Open
DMX 0–7



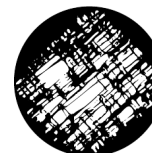
Gobo 1
Select 8–15
Shake 88–95



Gobo 2
Select 16–23
Shake 96–103



Gobo 3
Select 24–31
Shake 104–111



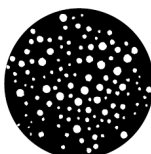
Gobo 4
Select 32–39
Shake 112–119



Gobo 5
Select 40–47
Shake 120–127



Gobo 6
Select 48–55
Shake 128–135



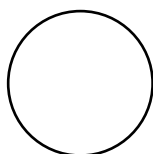
Gobo 7
Select 56–63
Shake 136–143



Gobo 8
Select 64–71
Shake 144–151

Values above 151 scroll the static wheel continuously: 152–203 left, 204–255 right.

Rotating gobo wheel (37CH: channel 11 | 47CH: channel 12)



Open
DMX 0–7



Gobo 1
Select 8–15
Shake 80–87



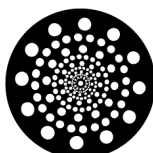
Gobo 2
Select 16–23
Shake 88–95



Gobo 3
Select 24–31
Shake 96–103



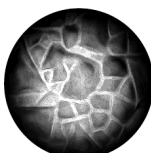
Gobo 4
Select 32–39
Shake 104–111



Gobo 5
Select 40–47
Shake 112–119



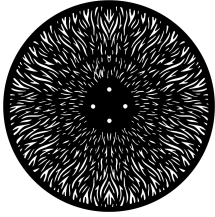
Gobo 6
Select 48–55
Shake 120–127



Gobo 7
Select 56–63
Shake 128–135

Values above 135 scroll the rotating wheel continuously: 136–195 left, 196–255 right. Gobo indexing and rotation are set on the gobo rotation channel.

Animation wheel



The metal animation wheel is inserted linearly into the beam (37CH: channel 25 | 47CH: channel 33) and rotates continuously in either direction (37CH: channel 26 | 47CH: channel 34). Combine it with a gobo and the framing system to create fire, water and moving-texture effects.

Replacing gobos

WARNING

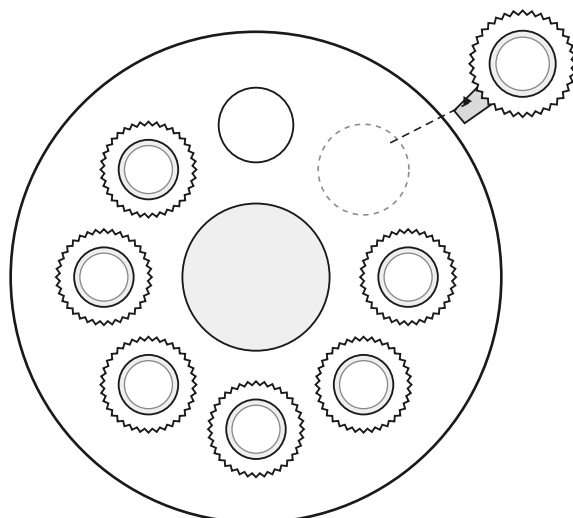
Disconnect mains power and allow the fixture to cool completely before opening the head. Gobo replacement should be carried out by qualified personnel.

Custom gobos

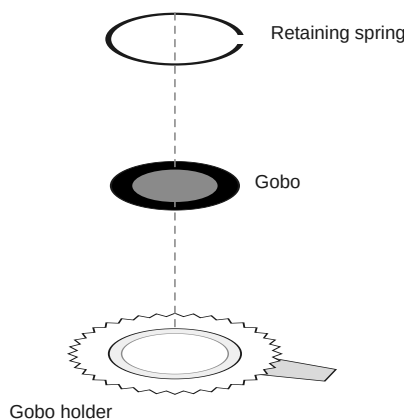
- Custom gobos must match the original size (22.9 mm outer diameter, 16.5 mm image diameter, 1.1 mm thick) and be made of equivalent high-temperature glass with a high-temperature coating. Damage caused by unsuitable gobos is not covered by warranty.
- Do not use gobos with black coating on both sides; they absorb heat reflected from the light source and optics and fail early.

Tools

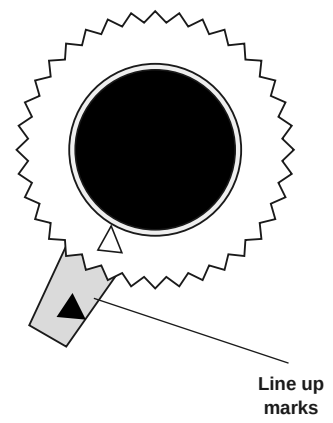
Clean nitrile gloves, a plastic pry tool, and tweezers or needle-nose pliers. Avoid metal tools that can scratch the glass.



Remove one holder at a time



Gobo holder assembly



Alignment marks

Gobo wheel, gobo holder assembly and alignment marks. Schematic only.

Removing a gobo

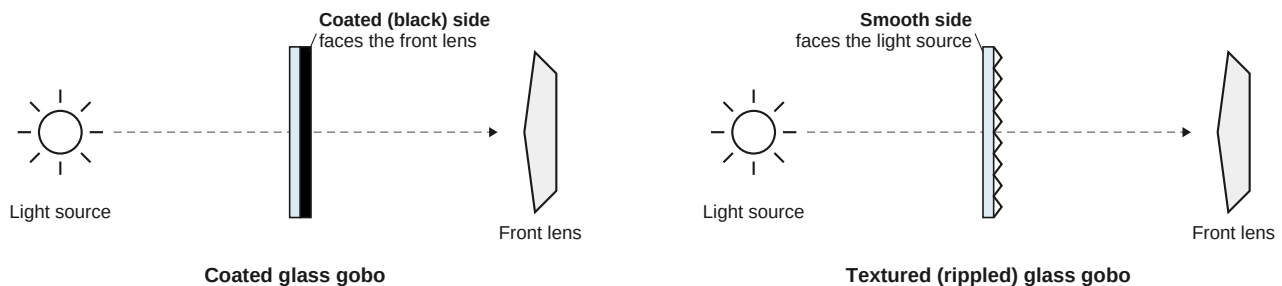
1. Disconnect power, allow the fixture to cool and remove the head cover. Put on clean nitrile gloves.

2. Turn the gobo wheel by hand until the gobo you want to change is accessible.
3. Lift out **one gobo holder at a time** with tweezers or needle-nose pliers. Note how the holder's tab sits in the wheel so it can go back in the same position. Do not turn the wheel while a holder is out.
4. Using the plastic pry tool, carefully remove the retaining spring from the holder and lift out the gobo by its edges.

Installing a gobo

1. Hold the new gobo by its edges and place it in the holder, lining up the gobo's mark with the alignment mark on the holder.
2. Check the orientation (see below): the **coated (black) side faces the front lens**; on textured glass gobos the **smooth side faces the light source**.
3. Seat the gobo fully and refit the retaining spring so it lies flat and even. The gobo must not move in the holder.
4. Refit the holder with its tab in its original position, with the alignment marks on the holder and the wheel lined up.
5. Check that every holder is secure, refit the head cover, restore power and confirm that the wheel selects, indexes and rotates correctly.

Gobo orientation



Fitting a gobo the wrong way round shortens its life and can soften the projected image.

10. DMX Channel Chart

The Statite V offers two DMX modes, selected under **SETTING > CHANNEL SET: 37-channel Standard** and **47-channel Extended**. Channels shown with – are not present in that mode. Unless stated otherwise, 0–255 is a proportional range.

37CH	47CH	Function	DMX value	Setting
1	1	Pan	0–255	Pan, 0–540°
2	2	Pan fine	0–255	16-bit fine control
3	3	Tilt	0–255	Tilt, 0–270°
4	4	Tilt fine	0–255	16-bit fine control
5	5	Color wheel	0–7	Open (white)
			8–15	Red
			16–23	Yellow
			24–31	Green
			32–39	Purple
			40–47	High-CRI filter
			48–55	Quad-color
			56–63	Open (white)
			64–221	Continuous positioning
			222–238	Rainbow, rotate left
			239–255	Rainbow, rotate right
–	6	Color wheel fine	0–255	Fine positioning
6	7	Cyan	0–255	0–100%
7	8	Magenta	0–255	0–100%
8	9	Yellow	0–255	0–100%
9	10	CTO	0–255	Color temperature correction, 0–100%
10	11	Static gobo wheel	0–7	Open
			8–15	Gobo 1
			16–23	Gobo 2
			24–31	Gobo 3
			32–39	Gobo 4
			40–47	Gobo 5
			48–55	Gobo 6
			56–63	Gobo 7
			64–71	Gobo 8
			72–79	Open
			80–87	Open
			88–95	Gobo 1 shake, slow to fast
			96–103	Gobo 2 shake, slow to fast
			104–111	Gobo 3 shake, slow to fast
			112–119	Gobo 4 shake, slow to fast
			120–127	Gobo 5 shake, slow to fast
			128–135	Gobo 6 shake, slow to fast

37CH	47CH	Function	DMX value	Setting
			136–143	Gobo 7 shake, slow to fast
			144–151	Gobo 8 shake, slow to fast
			152–203	Wheel scroll left
			204–255	Wheel scroll right
11	12	Rotating gobo wheel	0–7	Open
			8–15	Gobo 1
			16–23	Gobo 2
			24–31	Gobo 3
			32–39	Gobo 4
			40–47	Gobo 5
			48–55	Gobo 6
			56–63	Gobo 7
			64–71	Open
			72–79	Open
			80–87	Gobo 1 shake, slow to fast
			88–95	Gobo 2 shake, slow to fast
			96–103	Gobo 3 shake, slow to fast
			104–111	Gobo 4 shake, slow to fast
			112–119	Gobo 5 shake, slow to fast
			120–127	Gobo 6 shake, slow to fast
			128–135	Gobo 7 shake, slow to fast
			136–195	Wheel scroll left
			196–255	Wheel scroll right
12	13	Gobo rotation	0–3	No rotation
			4–123	Indexed angle
			124–187	Rotate left
			188–191	Stop
			192–255	Rotate right
13	14	Gobo rotation fine	0–255	Fine indexing
14	15	Dimmer	0–255	0–100%
–	16	Dimmer fine	0–255	16-bit fine control
15	17	Shutter / strobe	0–3	Open
			4–67	Strobe (open / close)
			68–99	Ramp-up strobe (closed to open)
			100–131	Ramp-down strobe (open to closed)
			132–175	Half open / half closed
			176–247	Pulse strobe
			248–251	Random strobe, synchronous
			252–255	Random strobe, asynchronous
–	18	LED refresh rate & dimmer smoothing	0–31	13,672 Hz, smoothing on
			32–63	13,672 Hz, smoothing off
			64–95	600 Hz, smoothing on
			96–127	600 Hz, smoothing off

37CH	47CH	Function	DMX value	Setting
			128–159	300 Hz, smoothing on
			160–191	300 Hz, smoothing off
			192–223	1,200 Hz, smoothing on
			224–255	1,200 Hz, smoothing off
–	19	Dimmer curve	0–31	Square law
			32–63	Linear
			64–95	Inverse square law
			96–127	S-curve
			128–255	Reserved
16	20	Prism 1 (circular)	0–31	Out
			32–255	In
17	21	Prism 1 rotation	0–3	No rotation
			4–123	Indexed angle
			124–187	Rotate left, fast to slow
			188–191	Stop
			192–255	Rotate right, slow to fast
18	22	Prism 2 (linear)	0–31	Out
			32–255	In
19	23	Prism 2 rotation	0–3	No rotation
			4–123	Indexed angle
			124–187	Rotate left, fast to slow
			188–191	Stop
			192–255	Rotate right, slow to fast
20	24	Zoom	0–255	Wide to narrow
–	25	Zoom fine	0–255	16-bit fine control
21	26	Focus	0–255	Manual focus
–	27	Focus fine	0–255	16-bit fine control
–	28	Auto-focus distance	0–3	Auto-focus off
			4–63	5 m
			64–127	7.5 m
			128–191	10 m
			192–255	15 m
–	29	Auto-focus distance fine	0–255	Continuous adjustment within the selected range
22	30	Iris	0–127	Open to closed
			128–135	Closed
			136–173	Iris pulse 1
			174–211	Iris pulse 2
			212–249	Iris pulse 3
			250–255	Closed
23	31	Frost 1	0–9	Out
			10–255	Linear insertion
24	32	Frost 2	0–9	Out
			10–255	Linear insertion

37CH	47CH	Function	DMX value	Setting
25	33	Animation wheel	0–7	Out
			8–255	Linear insertion
26	34	Animation wheel rotation	0–7	No rotation
			8–127	Rotate left
			128–135	Stop
			136–255	Rotate right
27	35	Framing blade 1A	0–255	Blade in / angle
28	36	Framing blade 1B	0–255	Blade in / angle
29	37	Framing blade 2A	0–255	Blade in / angle
30	38	Framing blade 2B	0–255	Blade in / angle
31	39	Framing blade 3A	0–255	Blade in / angle
32	40	Framing blade 3B	0–255	Blade in / angle
33	41	Framing blade 4A	0–255	Blade in / angle
34	42	Framing blade 4B	0–255	Blade in / angle
35	43	Framing rotation	0–7	No rotation
			8–239	Rotation angle
			240–255	Swing left and right
–	44	Framing rotation fine	0–255	Fine positioning
36	45	Framing macros	0–3	Off
			4–255	63 macros (one per 4 values)
–	46	Pan / tilt speed	0–15	Fastest
			16–31	Fast
			32–47	Slow
			48–63	Slowest
			64–255	Reserved
37	47	Control *	0–19	No function
			20–29	Reset all
			30–39	Reset pan / tilt
			40–49	Reset color, gobos, CMY, CTO
			50–59	Reset zoom, focus, prism, frost
			60–69	Reset animation, iris, framing
			70–74	Display: default
			75–79	Display off (not stored at power-off)
			80–84	Display on (not stored at power-off)
			85–89	Fan speed low (stored)
			90–94	Fan speed medium (stored)
			95–99	Fan speed high (stored)

* Control functions take effect only when the value is held for more than 8 seconds. Return the channel to 0 afterwards to avoid repeated activation.

11. Error Codes & Troubleshooting

Error codes

If a fault is detected, an error code is shown on the display until the fault is cleared. Active codes can also be viewed under **INFORMATION > ERROR MESSAGE**.

Code	Description	Code	Description
EPP	Pan sensor error	EZH	Zoom error
EPS	Pan positioning sensor error	EFC	Focus error
ETP	Tilt sensor error	EC	Cyan error
ETS	Tilt positioning sensor error	EH	Magenta error
ECL	Color wheel motor / sensor error	EY	Yellow error
EG1	Static gobo wheel motor / sensor error	ECT	CTO motor / sensor error
EG2	Rotating gobo wheel motor / sensor error	EFA	Framing system error
EGR	Gobo rotation error	EBL	Framing blade error
EP1	Prism 1 error	EF1	LED cooling fan error
EP2	Prism 2 error	ETM	Temperature error

Troubleshooting

Symptom	Possible cause	Action
Fixture does not power on	No mains power; loose connector; damaged cable; blown fuse	Check the circuit breaker and supply; reseal the PowerCON connector; inspect the cable; have the fuse checked by a qualified technician.
Fixture shuts down unexpectedly	Loss of mains power	Check the supply, link cables and circuit breaker.
Light output stops or reduces	Over-temperature	Check INFORMATION > ERROR MESSAGE; allow to cool; clean fans and vents; reduce ambient temperature or select a faster fan mode.
No response to control	Wrong address or channel mode; wrong signal source; signal cable disconnected	Check address, CHANNEL SET and SIGNAL settings against the console; check cables.
Erratic or intermittent response	Missing terminator; faulty cable; faulty fixture on the line	Fit a 120 ohm terminator; replace suspect cables; isolate fixtures one at a time to find a faulty unit.
Head does not move or jitters	Pan or tilt lock engaged; obstruction in the movement path	Release both locks; clear obstructions; restart. If an EPP / EPS / ETP / ETS code persists, contact VOLUX Support.
Scan lines or flicker on camera	LED refresh rate unsuitable for the camera shutter	In 47-channel mode, select a higher refresh rate on the LED refresh rate channel.
Soft or blurred image	Focus setting; dirty optics	Use auto-focus or adjust focus; clean the lens and gobos.

If a problem persists, note any error code and contact VOLUX Technical Support with the fixture serial number (on the base label). Do not open the fixture beyond the user maintenance described in this manual.

12. Maintenance

Dust, smoke and haze residue reduce light output and cooling performance. Regular cleaning extends the life of the fixture and is a condition of warranty coverage. Keep a written maintenance record for each fixture and supply it with any warranty claim.

WARNING

Disconnect mains power and allow the fixture to cool completely before any cleaning or maintenance.

Interval*	Task
Before each use	Inspect power and data cables, connectors, omega brackets, clamps and safety cable. Confirm free head movement.
Weekly (frequent use)	Clean the front lens (inside and outside) and the cooling fans and vents.
Every 3 months (frequent use)	Have a qualified electrician check current draw and electrical contacts.
Regularly	Check that all screws are tight and free of corrosion; check the body, lens and brackets for deformation; check that the head moves smoothly.

*Clean more often when using fog or haze, near air-conditioning outlets, or in dusty environments. Check the fixture after its first use and set a cleaning schedule based on the conditions.

Cleaning

- Work in a clean, dry, well-lit area.
- Use a soft, lint-free cloth moistened with clean water or a mild detergent solution and wipe gently. **Do not use alcohol, solvents or abrasives.**
- Take particular care not to scratch the lens and other optical surfaces.
- Structural repairs and replacement of electrical components must be carried out by qualified service personnel.
- For gobo replacement, see Section 9.

Firmware updates

Firmware is updated by VOLUX-authorized personnel using the VOLUX update tool and the update package for this model, available from VOLUX Support. Observe the following:

- Use only update packages released for the Statite V. Apply multiple packages in the order specified with the release, and do not mix versions.
- Do not remove power or data cables, or operate the fixture, during an update. Up to 6 fixtures can be updated together on one DMX line; do not update through splitters or wireless links.
- After updating, check **INFORMATION > VERSION** to confirm the new versions, and restore defaults if instructed with **SETTING > RESET > DEFAULT DATA**.
- If an update fails, power the fixture off and retry. If the display stays blank or the menu cannot be accessed after several attempts, stop and contact VOLUX Support.

Disposal

This product is electrical and electronic equipment and must not be disposed of with household waste. Recycle it, including its battery, through an appropriate collection facility in accordance with local regulations.

13. Technical Specifications

OPTICAL

Source	550 W LED, 6,500 K, 50,000-hour rated life
Luminous flux	28,000 lm
Illuminance @ 5 m	136,500 lx (4.5°) 1,758 lx (55°)
CRI	70+ (High-CRI filter on color wheel)
Zoom / lens	4.5°–55° motorized 180 mm front lens
Focus	16-bit motorized auto-focus at 5 / 7.5 / 10 / 15 m

COLOR & EFFECTS

Color mixing	Linear CMY + CTO
Color wheel	6 slots: 5 dichroic colors + High-CRI filter, plus open; rainbow effect
Framing	4 blades, 2-way adjustable, full blackout, 120° rotation, 63 macros
Gobos	7 rotating glass + open (indexing) 8 static glass + open 22.9 / 16.5 / 1.1 mm
Animation	Animation wheel, continuous bidirectional rotation
Prisms	4-facet circular + 4-facet linear, rotating and indexable
Frost / iris	2 linear frost filters motorized iris with 3 pulse effects

CONTROL & ELECTRONICS

Protocols	DMX512, RDM, Art-Net, sACN, wireless DMX
DMX modes	37 channels (Standard) 47 channels (Extended)
Dimmer / strobe	16-bit, 4 curves 1–20 Hz electronic strobe, pulse and random effects
LED refresh rate	300 / 600 / 1,200 / 13,672 Hz, selectable
Display	Color LCD with auto-rotate and key lock; battery backup with optional battery
Stand-alone	8 user programs

ELECTRICAL

Power supply	100–240 V AC, 50/60 Hz, auto-ranging, PF > 0.96
Max. consumption	730 W
Protection class	Class I (protective earth required)

MOVEMENT & ACOUSTICS

Pan / tilt	540° / 270°, 16-bit, automatic repositioning, transport locks
Noise	Performance ~50 Auto ~44 Quiet ~38 Ultra Quiet ~34 dBA

PHYSICAL

Connections	PowerCON TRUE1 IN/OUT 3-pin and 5-pin XLR IN/OUT RJ45 IN USB
IP rating	IP20, indoor use only
Ambient temperature	Operating -10 °C to +50 °C storage -10 °C to +50 °C
Rigging	2 quick-turn omega brackets + safety cable; hanging, horizontal or floor
Dimensions	14.8 (W) × 24.4 (H) in, base 13.3 × 9.9 in 376 × 620 mm, base 337 × 251 mm
Weight	48.5 lb (22 kg)

14. Warranty & Service

The Statite V is covered by the VOLUX Limited Warranty. Warranty periods, coverage, exclusions and the 90-day / 100-hour advance replacement program are subject to change. For the most up-to-date warranty information, visit voluxlighting.com/warranty-information.

Keep your proof of purchase and a written maintenance record for each fixture. Both are required when requesting warranty service.

Obtaining service (RMA)

Submit a service request through the VOLUX Support Portal at support.voluxlighting.com, or contact your VOLUX Authorized Dealer or Distributor, with a written description of the problem and the fixture serial number (on the label on the base) to obtain an RMA number. Photos or short videos of the fault, the serial label and any error codes help speed up diagnosis.

- Ship the unit in its original or equivalent protective packaging.
- Include proof of purchase, maintenance records and the problem description with the returned unit.
- Returns without a valid RMA number will be refused.



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