

SUPER VISION
INTERNATIONAL

SaVi



SaVi Flood

SaVi Flood is a RGB LED Architectural Luminaire rated for Indoor/Outdoor use and is fully DMX capable.



SaViTM
Intelligent Lighting

SaViTM FLOOD

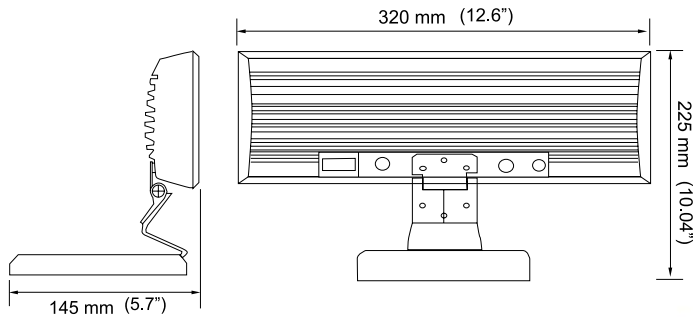
• RGB LED • DMX • IP65 • Indoor/Outdoor

Architectural Full Spectrum LED Fixture



SaVi Flood is low voltage free standing full spectrum RGB LED fixture with its own self contained auto switching power supply. It is capable of 16 million colors and is fully controllable by DMX. Color effects include static colors, cross fade, chasing and single color rotation. The housing is constructed of cast aluminum alloy and it is total sealed. The position of the fixture can be set in a range of 150°. The beam angle of the fixture is 45°.

Each unit is individually addressable and requires 3 DMX channels corresponding to Red, Green, and Blue respectively. Full color mixing is achieved by varying intensity of each primary color. Up to 16.7 million colors can be produced. SaVi Flood uses high quality, high brightness, LEDs as the light source. Each unit consists of 360 LEDs (120 red, 120 green, 120 blue). SaVi Flood circuitry is engineered to optimize both LED life and performance.



SPECIFICATION FEATURES

Color Range:

Different brightness of red, green and blue combined to produce over 16 million colors.

Light Source:

High brightness LED
(Red 120, Green 120, Blue 120)

Beam Angle:

45°

Light Spacing:

20 m (65')

Control System:

DMX512

Housing Material:

Cast Aluminum alloy

Connector:

Regular Signal Light Source Line

Warranty:

2 years

IP Rating :

IP65

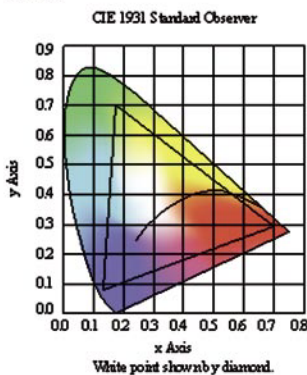


PHOTOMETRICS

Illuminance distribution

60.1	70.4	83.4	104.0	117.7	124.3	108.6	90.3	74.9	63.7
76.2	97.5	155.1	248.6	314.0	308.4	240.2	153.3	129.1	77.6
101.9	163.6	320.6	593.5	751.4	684.1	473.8	265.4	149.5	94.4
136.4	269.2	629.9	1047.7	1242.0	1157.9	829.9	475.7	220.6	118.7
156.1	370.1	801.9	1255.1	1619.6	1535.5	1114.0	630.8	281.3	141.1
147.7	329.9	746.7	1205.6	1296.0	1528.9	1129.9	680.4	298.1	142.1
128.9	237.4	529.9	923.4	1203.7	1213.1	943.9	542.9	246.7	120.6
103.7	154.2	291.6	530.5	752.3	761.7	567.3	306.5	144.9	92.5
89.7	112.1	152.3	240.2	317.8	315.9	214.9	135.5	93.5	71.0
72.9	86.9	100.9	116.8	129.9	121.5	101.9	81.3	67.3	57.0

GAMUT



Units: Lux

Measured on: White

Direction: On axis

Distance from surface: 1M

Multiplier: 0.115 Red 0.378 Green 0.506 Blue

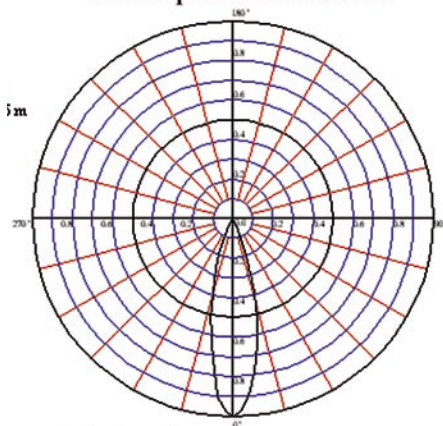
Illuminance

Color \ Beam spacing	1	2	3	4	5
White	1724.3	456.1	208.4	118.1	74.6
Red	213.1	57.0	27.1	15.2	9.3
Green	700.9	185.9	85.9	47.9	30.4
Blue	937.4	242.9	110.3	62.4	40.4

Units: Lux

Direction: on axis

Candle power distribution



Testing circumstance
installation position: horizontal
testing surface: A-A surface

Electrical parameters
current: 0.253A
voltage: 220V
power consumption: 25W

PRODUCT SPECIFICATIONS

Regular Working Voltage : AC90-264V/ 12 V
Regular Current : MAX3A
Regular Wattage : 25W
Water Protection Rating : IP65

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature : -20°C to 40°C (-4F to 104°F)
Weight : 3.9 Kg (8.6 lbs)
Dimension : L320mm*W145mm*H225
(L12.6"XW5.7"XH10.04")

COLOR MODES

Static Display : Capable of 16 Million Colors
Flashing Change : Color Transition from High Brightness to Low Brightness
Cross Fade : Colors Alternate
Color Chase : Colors Chase One Another
Auto Color Rotation : Colors rotate automatically without DMX applied

ORDERING INFORMATION

<p>SaVi Flood</p> <hr/> <p>MODEL</p> <p>SaVi Flood - Architectural Full Spectrum RGB LED Fixture</p>	<p> </p> <hr/> <p>FIXTURE COLOR</p> <p>B - Black W - White</p>	<p> </p> <hr/> <p>ACCESSORIES</p> <p>DMX Signal Amplifier/ Isolator 02.6120 (Required for DMX signal splitting)</p>
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SaViTM SPOT

• RGB LED • DMX • Indoor/Outdoor/Underwater IP68

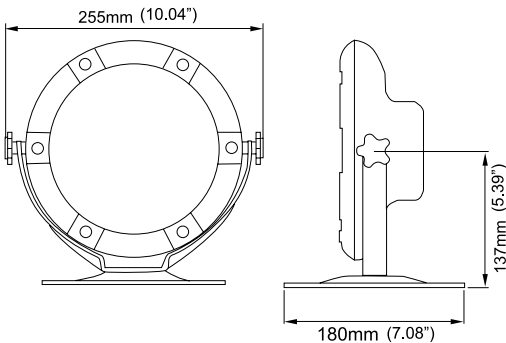
Versatile Full Spectrum RGB LED Fixture



SaVi Spot is a high power water submersible LED lighting fixture. It is the ideal fixture for both indoor and outdoor applications that require full color mixing capabilities, such as fountains, pools, landscape, theme parks, exhibitions, commercial and architectural applications. SaVi Spot has a protection rating of IP68, which is suitable

for submersion up to 15 feet underwater. A proprietary triple water proofing technology is used, making water intrusion virtually impossible.

SaVi Spot is available in various beam angles, including 10°, 25° (standard), 45°, 60°, and 90°. The fixture can be controlled by any DMX controller.



A proprietary power and data distribution system is used to minimize wiring. Up to six SaVi Spots can be directly connected to the power supply and a junction box which links to the power supply. The junction box dramatically reduces cable runs and provides power & data distribution.

SaVi Spot has a cast aluminum housing or optional stainless steel housing with adjustable yoke and base. The housing is designed to work in water treated with bromine and chlorine. SaVi Spot is available in black, white, and Stainless Steel.

SPECIFICATION FEATURES

Color combination:

16.7 million colors at 24 bit RGB
additive color mixing

Light Source:

360 High Power Light Emitting Diodes (LEDs) - 120 red, 120 green, 120 blue

Available Beam Angles:

10°, 25° (standard), 45°, 60°, 90°

Housing:

Cast Aluminum Alloy or
Optional Stainless Steel

Protective Rating:

IP68

Control System:

DMX512

Cabling:

Multi-core control/ data cable

Power Consumption:

25 watts at 12 VDC

Submersion Depth:

5 meters (15 feet)

Temperature environment:

-22°C to 51°C (8°F to 124°F)

Dimension:

255mm(W)X 220mm(D) X 245mm (H)
10.04"(W)X 8.66"(D) X 9.64"(H)

Weight: 7.4 kg (16.3 lbs)

Available Housing Color: Black, White or
Stainless Steel

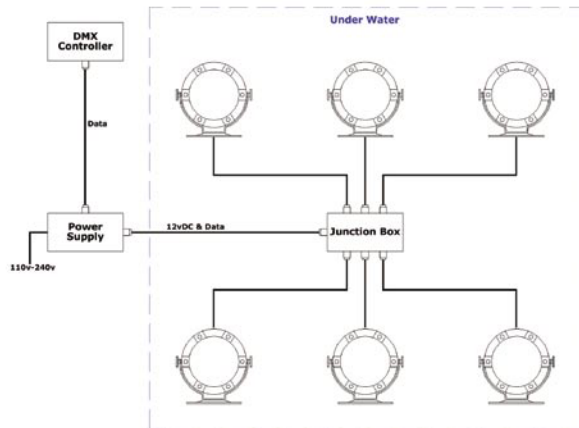
Warranty: 2 years



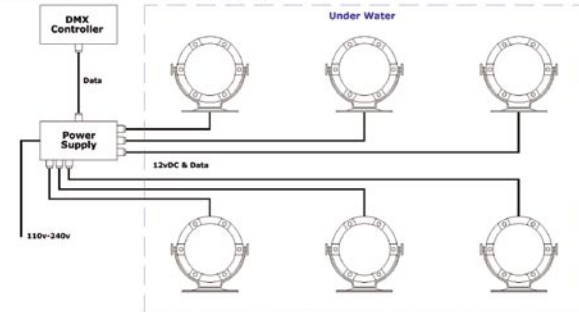
PHOTOMETRICS

COLOR	1 METER	3 METER	5 METER	TOTAL OUTPUT	POWER	EFFICACY
RED	351.1 Lux	39 Lux	13.5 Lux	93.7 Lux	9 Watts	10.4 lm/w
GREEN	614.3 Lux	68.5 Lux	25.2 Lux	163.5 Lux	9 Watts	18.2 lm/w
BLUE	271.0 Lux	29.7 Lux	11.2 Lux	72.3 Lux	9 Watts	8.0 lm/w
WHITE	1137.5 Lux	126.2 Lux	45.9 Lux	303.4 Lux	27 Watts	11.2 lm/w

Wiring Diagram with Junction Box



Wiring Diagram without Junction Box



PRODUCT SPECIFICATIONS

Voltage Rated: 12 VDC
Power Consumption: 25W
Protection Rating: IP68

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature : -22°C to 51°C (8°F to 124°F)
Submersion Depth: 5 m (15 ft.)
Sustainable Pressure: 0.05331/mm_
Dimension: 255mm(W)X 220mm(D) X 245mm(H)
10.04"(W)X 8.66"(D) X 9.64"(H)

* COLOR MODES

Fixed Color : Single Static Color Display
Color Wash : Color Change
Cross Change : Two Color Interchanging Cycles
Random change: Color Changes in Random Orders
Fixed Color Strobe: A Rapid Strong Flash of Light in a Single Color
Variable Color Strobe: A Sequence of Color Appears in A series of
Strong Flash in Variable Colors

* All Effects achieved through DMX programming

ORDERING INFORMATION

SaVi Spot

MODEL

SaVi Spot - Indoor/
Outdoor/Underwater
RGB LED Fixture

BEAM ANGLE

*10 - 10° Beam Angle
*20 - 20° Beam Angle
*45 - 45° Beam Angle
*60 - 60° Beam Angle
*90 - 90° Beam Angle

*8-10 week lead time

BODY

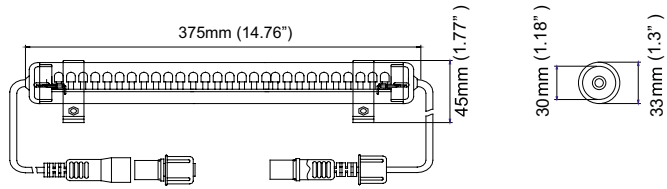
B - Black
W - White
***S** - Stainless Steel

*8-10 week lead time

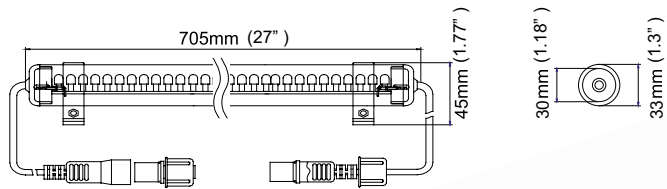
SaVi ACCENT™

• RGB LED • DMX • LOW VOLTAGE Indoor/Outdoor • IP64

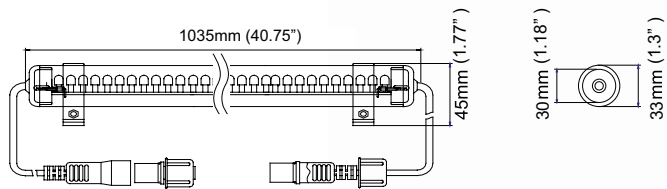
LINEAR RGB LED TUBE



SaVi Accent 100



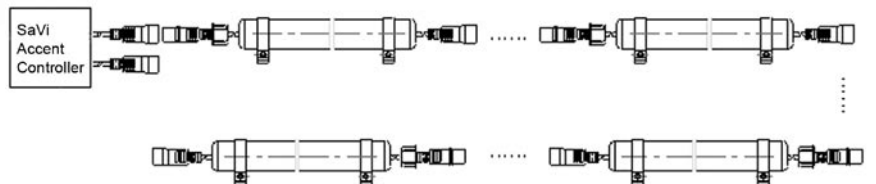
SaVi Accent 200



SaVi Accent 300



SaVi Accent RGB LED linear lighting tube is a low voltage Indoor/Outdoor rated system. SaVi Accent tube uses high brightness red, green, and blue LED's as its illumination source. The 24V tube can be controlled and powered by a pre-programmed stand alone controller that is DMX compatible. The tube is constructed of durable acrylic with 45 high power LEDs per foot (15 red, 15 green, 15 blue)



SPECIFICATION FEATURES

Color combination:
3 primary, 3 secondary, white, fades, strobes

Light Source:
45 High Power Light Emitting Diodes (LEDs) - 15 red, 15 green, 15 blue

Available Beam Angle:
85°X40°

Luminance Flux:
21.3 lm

Protective Rating:
IP64

Rated Power:
3.5W per foot

Rated Current:
0.29A per foot

Rated Voltage:
24VDC

Dimensions:
45mm(W)X 375 / 705 / 1035mm(L) X 45mm(H)
1.77"(W)X 14.76" / 27" / 40.75"(L) X 1.77" (H)

Weight: 0.2 kg (0.44 lbs)

Temperature Range: -20°C to 60°C (-4°F to 140°F)

Max Connectable Unit No.: 50 units - Accent 100

Control System: SaVi Accent#: Savi-AC120

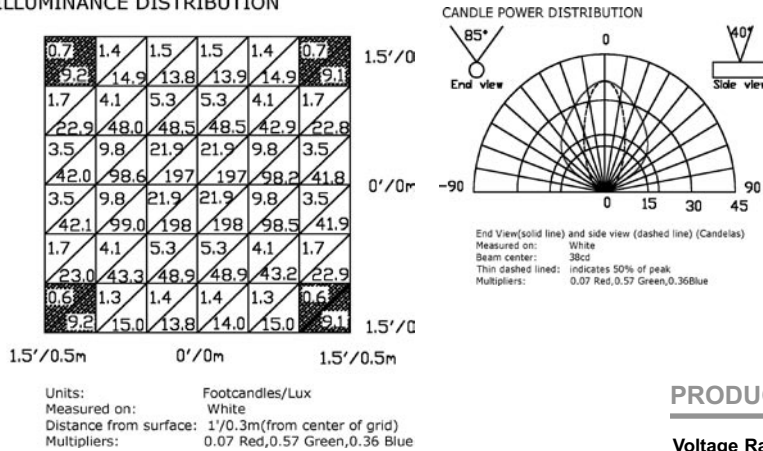
Power Supply 02.8000: Order separately

Warranty: 2 years



PHOTOMETRICS

ILLUMINANCE DISTRIBUTION



PRODUCT SPECIFICATIONS

Voltage Rated: 24 VDC
Power Consumption: 3.5W per foot
Protection Rating: IP64
Construction: Clear Acrylic Tube

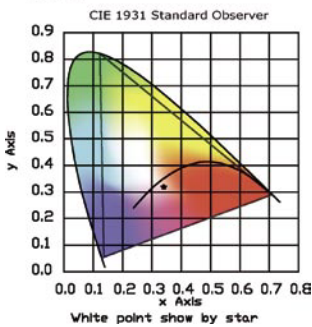
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: -20°C to 60°C (-4°F to 140°F)
Dimensions: L375mm*W45mm*H45mm
L14.76"*W1.77"*H1.77"

COLOR MODES

- 7 color change mode in sequence
- 7 color flash mode in sequence
- 7 color fade mode in sequence
- 7 color change mode in sequence (mixing modes of jumping, flashing and fading)
- Red, Green, Blue intensity adjustment
- Color changing speed adjustment
- * Optional DMX triggering

GAMUT



LIGHT OUTPUT

COLOR	TOTAL OUTPUT (LUMENS)	POWER (WATTS)	EFFICACY (lm/W)
WHITE	21.3	2.7	7.9
RED	2.6	0.6	4.3
GREEN	14.2	1.05	12.8
BLUE	4.1	1.05	3.9

ORDERING INFORMATION

MODEL

SaVi Accent 100 - 375mm (11.76") length tube
SaVi Accent 200 - 705mm (27") length tube
SaVi Accent 300 - 1035mm (40.75") length tube

Maximum number of units connected SaVi Accent 100 = 50
Maximum number of units connected SaVi Accent 200 = 25
Maximum number of units connected SaVi Accent 300 = 16

CONTROL SYSTEM

SaVi-AC120

ACCESSORIES

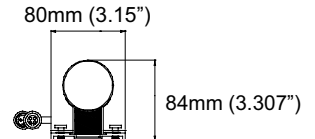
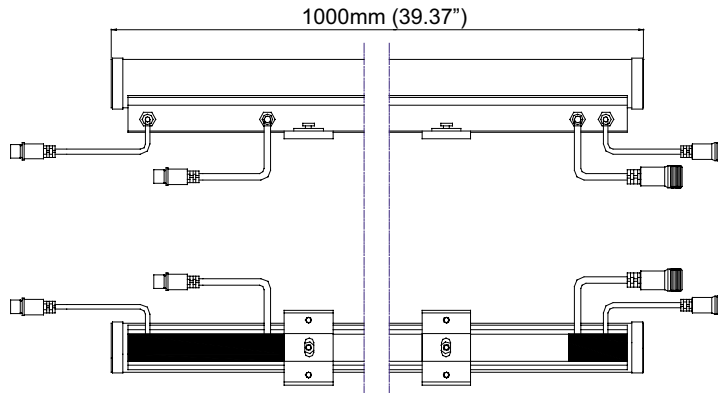
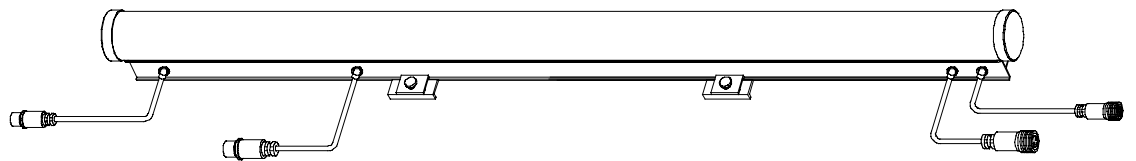
Power Supply - 02.8000
Extension Cables -
17.4002 - 2' cable
17.4005 - 5' cable
17.4010 - 10' cable
Adapter -
16.6004 - 3 pin male adapter
16.6005 - 3 pin female adapter

Special Effect Full Spectrum LED Lighting Tube



SaVi Tube produces a vast array of color effects using Red, Green, and Blue LEDs integrated with micro-electronic technology and digital technology encased in a high quality milky white polycarbonate tube mounted on an aluminum base. Lighting effects include: color chasing, color fading, gray scale change, flash with adjustable speed, DMX capabilities for even further flexibility. Includes a built in transformer allowing easy installation without the need of separate power components.

SaVi Tube comes with an independent DMX control system with pre-program effects.



SPECIFICATION FEATURES

Color combination:

3 primary, 3 secondary, white

Light Source:

144 High Power Light Emitting Diodes (LEDs) - 48 red, 48 green, 48 blue

Housing:

Polycarbonate tube with aluminum base

Protective Rating:

IP64

Control system (order separately):

Comes with proprietary DMX option

Order#: **SaVi-TC-120** - 120volt

SaVi-TC-240 - 240volt

Cabling:

Multi-core control/ data cable + power cables

Tube Input:

120VAC or 240VAC

Temperature environment:

-4°F to 140°F (-20°C to 60°C)

Dimension:

1000mm(W)X 50mm(D) X 75mm(H)

39.37"(W)X 1.97"(D) X 2.95"(H)

Weight: 1.5kg (3.3 lbs)

Warranty: 2 years

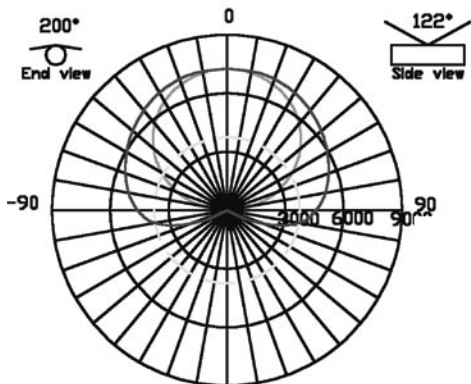


PHOTOMETRICS

SOURCE SPECIFICATIONS

Source: 144LEDs
(48Red,48Green,48Blue)
Beam Angle: 122jã
(at 50 % of peak illuminance)
Distribution: Asymmetric direct illumination
CCT(white): Adjustable 5,500-14,000K
CRI: Not measurable(CIE 13.3-1995)

CANDLE POWER DISTRIBUTION

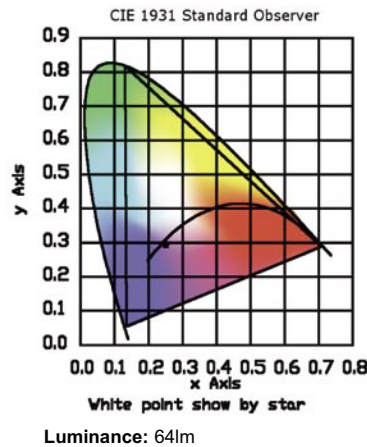


End view(solid line) and Side view (dashed line)
Measured on: White
Beam center: 7400mcd
Thin dashed lined: indicates 50% of peak
Multipliers: 0.07Red,0.57Green,0.36Blue

LIGHT OUTPUT

COLOR	TOTAL OUTPUT (LUMENS)	POWER (WATTS)	EFFICACY (lm/W)
WHITE	63.9	16.8	3.8
RED	16.1	11.6	1.4
GREEN	42.3	11.5	3.7
BLUE	14.6	11.6	1.3

GAMUT



COLOR MODES & EFFECTS

Fixed Color : Single Static Color Display
(red, green, yellow, blue, purple, cyan, white)

Color Change: scrolls through all the static colors

Slow Flow 1 : Single directional flow

Slow Flow 2: Bi-directional flow

Roll Chase 1: Rolling Backward and Forward

Roll Chase 2: Scan Backward and Forward

Multi Color: Rolling Backward and Forward

Fast Flow 1

Fast Flow 2

2 Color Chase

2 Color Flow

252 Gray Scale Color Change

PRODUCT SPECIFICATIONS

Voltage Rated: 120 or 240 VAC

Control System: 12VDC

Protection Rating: IP64

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature : -20°C to 60°C (-4°F to 140°F)

Dimensions: 1000mm(W)X50mm(D)X75mm(H)

39.37"(W)X1.97"(D) X 2.95"(H)

ORDERING INFORMATION

SaVi Tube

MODEL

SaVi Tube - 1m Special Effects Full Spectrum LED Fixture

POWER CABLES

17.1702 - 2 ft length
17.1705 - 5 ft length
17.1710 - 10 ft length

CONTROL SYSTEM

28.7304 - SaVi-TC-120
28.7304 - SaVi-TC-240

ACCESSORIES

Signal Amplifier
02.7120V - every 30 tubes
Edison Plug Cord - every 50 ft.
DMX 3 pin adapter
16.6006 - Male adpter
16.6007 - Female adapter
Connector
28.7304 - T-power controller
28.7404 - T-signal controller

SaVi™ KEY PAD

• 10 Function Control Key Pad • Optional USB Connectivity

SaVi Key Pad Controller / SaVi Port



The SaVi Keypad controller provides eight assignable buttons (1-8) and the Next and Previous keys (+/-). This product was developed to allow end users to have instant access to pre-assigned scenes, each scene having a limit of 1000 different steps, lasting up to 43 minutes each. That equates to 716 hours or 29 days (24hrs/7days a week) of looks per button assigned. This equates to 8 continuous months of shows, stored within the assignable buttons.

In addition to the eight assigned scenes, there are still 247 other scenes available for playback, again each with 1000 steps at 43 minutes per step. These then are accessible through the next/ previous buttons, or can be set to run sequentially with an accuracy of 4 hundredths of a second. This product fits into any single or double gang (US) standard electrical box.



SaVi Key Pad
Single wall mount keypad



SaVi Key Pad with optional SaVi Port
Wall mount keypad with USB interface

SaVi Access Port was developed to allow the end user to upload the SAVI-512 STAND ALONE CONTROLLER with new software or an edited version of an existing show from the convenience of a wall mounted USB port. This allows easy changes without having to locate or disturb the SAVI-512 STAND ALONE CONTROLLER in the A/V closet or rack. The user will simply create the changes they desire within the Laptop or PC of his choice using the SAVI-512 STAND ALONE CONTROLLER software, then "upload" the changes via the Access port.

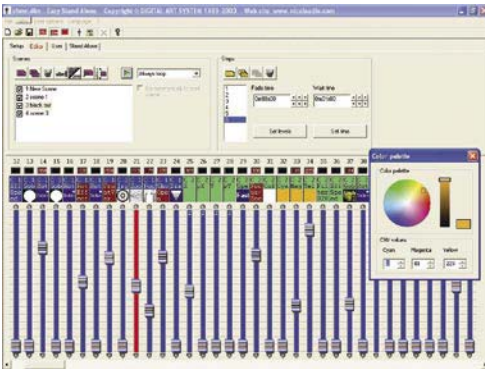
ORDERING INFORMATION

MODEL

SaVi Key Pad -
SaVi Key Pad USB -

SaVi™ STAND ALONE CONTROLLER

• DMX Controller • USB



The SAVI-512 STAND ALONE CONTROLLER, USB interface is specifically equipped with a memory which allows it to work in Stand Alone mode in case of PC-failure or restricted use. In Stand Alone mode the SAVI-512 STAND ALONE CONTROLLER is equipped with a connector which allows it to be externally-powered (120VAC to 9.0-15Vdc, @ 600mA or 240VAC to 9.0-15Vdc, @ 600mA). In Stand Alone mode, the interface can release up to 255 scenes which will be called back in numerical order by

pressing "Previous" or "Next". Each of these scenes can have up to 1000 steps. Each step can contain up to 43 minutes of activity. Individual scenes can be assigned to a particular Play-back/ Recall button, 1-8. Due to its very competitive price and its remarkable performances and mini-size, this product is ideally suited for all types of small or large-scale settings including stores, restaurants, hotels, clubs, architectural lighting, parks or exhibitions.



ORDERING INFORMATION

SaVi DMX512

MODEL

SaVi DMX512 - Stand Alone DMX Controller

SaViTM DMX Console

• DMX Controller

SaVi CONSOLE



SaVi-Console is one of the most complete universal DMX controllers available. One feature that sets it apart is its professional, soft touch joystick. Another is a unique override button that gives you complete control of selectable units. Here's how it works: Play back your show and select the fixture(s) by pushing the override button. When you disengage the button, the unit(s) will join the show again.

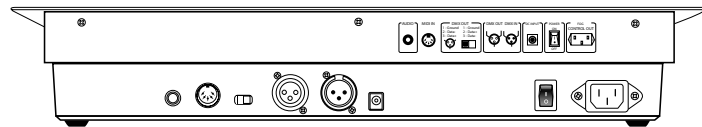
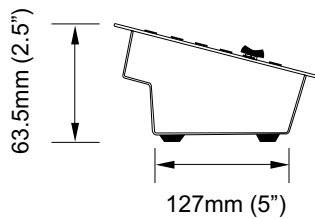
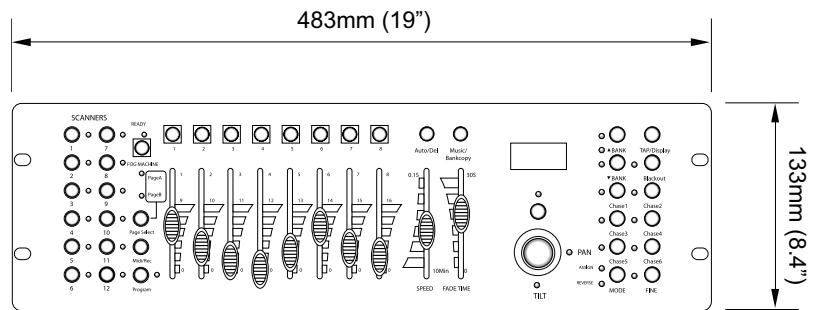
SaVi Console also comes with a fog button to operate non-DMX foggers. This all-inclusive unit stores 240 scenes in 30 banks utilizing a maximum of 192 DMX-channels. It is Midi compatible and features sound-activation, tap sync, auto run, and a polarity selector for older units. You've now found your savviest ally!

ORDERING INFORMATION

SaVi Console

MODEL

SaVi Console - Console DMX Controller



FOG CONTROL OUT



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SaVi Ver. 1004

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