

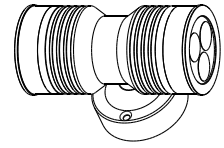


[Http://www.visio-led.com](http://www.visio-led.com)

Specifications are subject to change without prior notice.



V Ceiling Series

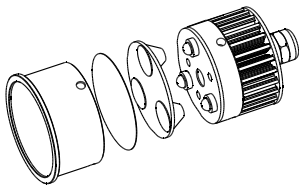


V Wall Series

User Manual

4. Change Beam Angle

In the V Ceiling/V Wall series, if you want to change the beam angle of fixture, you can change lens of the fixture refer to the photo below:



V Ceiling

25-

1. Attention:

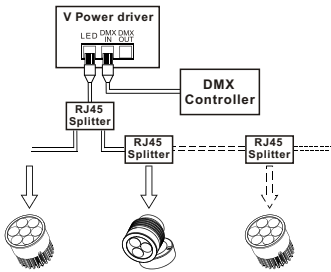
- Do not install the fixture near high inflammable liquids or materials.
- Do not allow anything to rest on the fixture.
- Do not install the fixture near the naked flames.
- Do not install the fixture in dirty, dusty location.
- Do not looking directly into the LED light beam at close range.
- Operate only in places where the sufficient air flow is present.

2. Technical specifications:

VC-1TC:

Max. Input Current: 350 mA
 Input Voltage: DC 48V
 Power Consumption: 3.3W
 Number of LEDs: 1 x Tri-color
 LED Emitter: 3W

2-

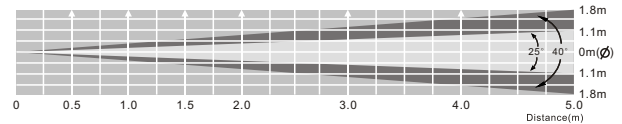


For the number of V Ceiling/V Wall projectors that can be linked together, please follow the Maximum power output limit of each zone of the VPower.

23-

Luminous intensity:

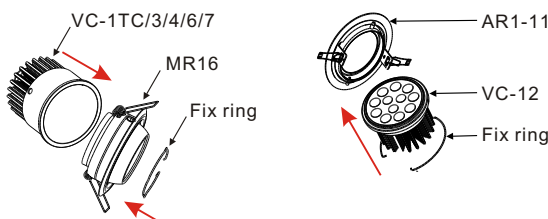
Distance	0.5	1.0	1.5	2.0	3.0	4.0	5.0	(m)
RED	40°	529	134	58.8	31.5	4.8	9.2	6.9
	25°	690	179.9	80	43.4	19.9	11.6	8.4
GREEN	40°	819	211	90.5	49.4	22.6	13.3	9.4
	25°	1042	279	119.7	64.9	29.9	16.8	11.5
BLUE	40°	123.4	32.3	13.8	7.7	3.6	2.3	1.7
	25°	152.7	40.6	17.1	9.6	4.4	2.7	2
RGB	40°	1282	332	14.3	78.5	35.8	21.6	15
	25°	1670	444	190	104.2	46.5	27.3	18.5



4-

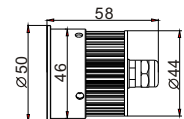
3. Installation (only for V Ceiling series)

The V Ceiling unit should be installed with MR16/AR1-11 (option) as the diagram shown below:



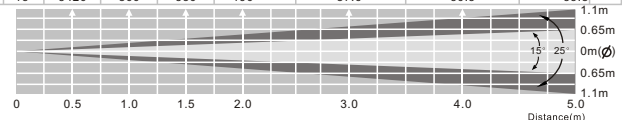
21-

Size: $\varnothing 50 \times 58$ mm



Luminous intensity:

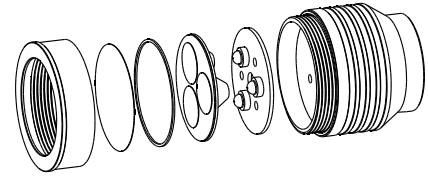
Distance	0.5	1.0	1.5	2.0	3.0	4.0	5.0	(m)
RED	25°	1922	435	190	104.5	49.8	27.8	20.9
	15°	2630	640	272	160	77	35	30.4
GREEN	25°	750	196	87.8	49.8	22.8	13.4	7.4
	15°	1080	261	116	66.3	30.4	16.5	12.7
BLUE	25°	380	93	40	33.2	10.7	6.7	4.5
	15°	384	102	46	36.5	12.1	6.9	5.1
RGB	25°	2930	699	313	167	79.2	45	25
	15°	3860	940	437	250	113.5	64.3	39.7
CW	25°	3630	900	410	220	90	56.7	40
	15°	5940	1620	744	401	183	102	68
WW	25°	2800	711	318	178.6	81.7	49.5	33.8
	15°	3420	800	350	190	87.6	50.3	35.8



6-

The V Ceiling delivers dynamic color changes of full color spectrum with continuously variable intensity. With the standard MR16 & AR 1-11(for V Ceiling 12 only) fittings, high powered LEDs, and interchangeable optical systems, V Ceiling can easily achieve the desired effects for a wide range of applications; It's ideal for hotel, club, bar, department store, shop, home, etc.

Using advanced color mixing, dimming technology, the stylish, compact V Wall can be mounted on any wall for atmosphere creation. V Wall is also an ideal alternative to replace the traditional halogen wall lights when warm white 3200K or cool white 6500K high powered LEDs are fitted.



V Wall

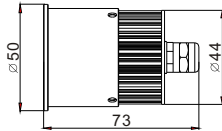
5. Maintenance

Clean the front transparent cover at least every 1-2 months. Use a moist, lint-free cloth. Never use alcohol or solvents!

1-

26-

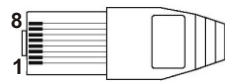
- LED Life Expectancy: 50,000hrs
- Beam Angle: 25°, 40°
- Available LED Colors: RGB (3 in 1)
- Compatible Power Supply: V Power Series
- Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
- Weight: 0.4 kg
- Size: Ø 50 x 73 mm



3-

The RJ 45 plug that connects the V Ceiling/V Wall unit to the V Power driver has the following wiring:

RJ 45 plug (View facing pins)



PIN	Color of wire	RGB
1	White/Orange	Red LED +
2	Orange	Green LED +
3	White/Green	Blue LED +
4	Blue	White LED +
5	White/Blue	Red LED -
6	Green	Green LED -
7	White/Brown	Blue LED -
8	Brown	White LED -

24-

VC-3:

- Max. Input Current: 350 mA
- Input Voltage: DC 48V
- Power Consumption: 3.3W
- Number of LEDs: 1R, 1G, 1B or 3CW, 3WW
- LED Emitter: 1W
- LED Life Expectancy: 50,000hrs
- Beam Angle: 15°, 25°
- Available LED Colors: RGB, CW, WW
- Compatible Power Supply: V Power Series
- Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
- Weight: 0.4 kg

5-

3. Connection

The V Ceiling/V Wall unit should be connected to the V Power driver. See V Power 60 (or V Power 120, V Power 240, V Power 600) user manual for full details of mains power requirement, built-in programs and DMX operation. Connect the end of the V Ceiling's/V Wall's cable directly to the driver, use RJ-SP/RJ-C (option) if the cable has to be extended.

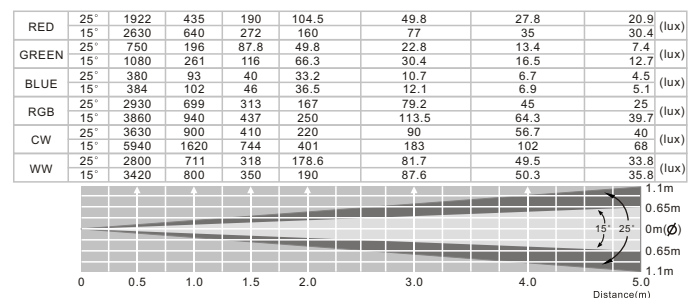
22-

VC-4:

- Max. Input Current: 350 mA
- Input Voltage: DC 48V
- Power Consumption: 4.5W
- Number of LEDs: 1R, 1G, 1B, 1W
- LED Emitter: 1W
- LED Life Expectancy: 50,000hrs
- Beam Angle: 15°, 25°
- Available LED Colors: RGB, CW, WW
- Compatible Power Supply: V Power Series
- Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
- Weight: 0.4 kg

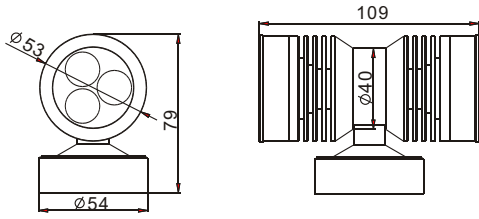
7-

Luminous intensity



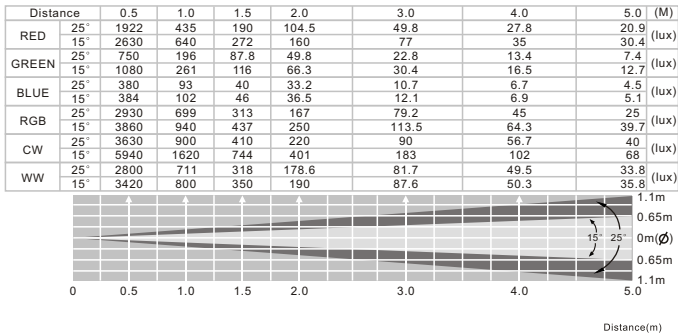
20-

Size: $\varnothing 54 \times 109 \times 79$ mm



19-

Luminous intensity



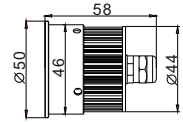
17-

VW-3:

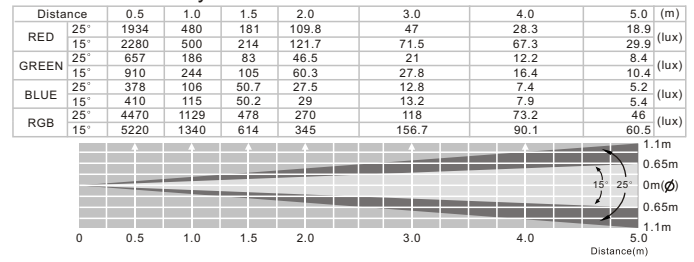
Max. Input Current: 350mA
 Input Voltage: DC 48V
 Power Consumption: 3.3W
 Compatible Power Supply: V Power Series
 Number of LEDs: 1R, 1G, 1B or 3CW or 3WW
 LED Emitter: 1W
 LED Life Expectancy: 50,000hrs
 Beam Angle: 15°, 25°
 Available LED Colors: RGB, CW (6500K), WW (3200K)
 Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
 IP Rated: IP 54
 Weight: 0.25kg

15-

Size: $\varnothing 50 \times 58$ mm

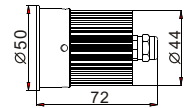


Luminous intensity:

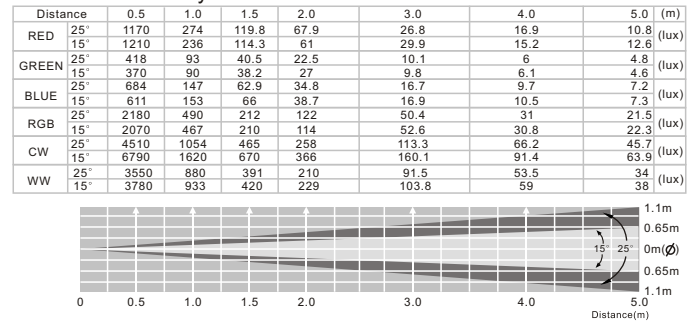


8-

Size: $\varnothing 50 \times 72$ mm

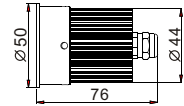


Luminous intensity:

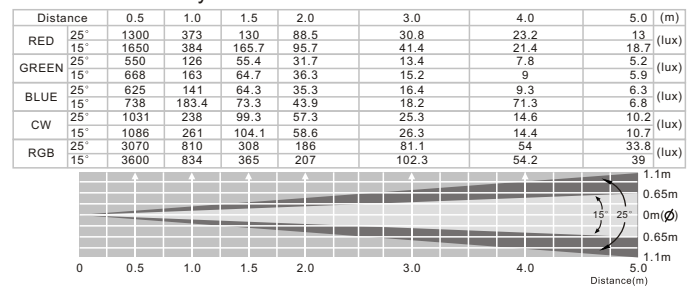


10-

Size: $\varnothing 50 \times 76$ mm



Luminous intensity:



12-

VC-6:

Max. Input Current: 350 mA
 Input Voltage: DC 48V
 Power Consumption: 6.5W
 Number of LEDs: 2R, 2G, 2B or 6CW, 6WW
 LED Emitter: 1W
 LED Life Expectancy: 15°, 25°
 Beam Angle: 50,000hrs
 Available LED Colors: RGB, CW, WW
 Compatible Power Supply: V Power Series
 Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
 Weight: 0.4 kg

9-

VW-6:

Max. Input Current: 350mA
 Input Voltage: DC 48V
 Power Consumption: 6.6W
 Compatible Power Supply: V Power Series
 Number of LEDs: 2R, 2G, 2B or 6CW or 6WW
 LED Emitter: 1W
 LED Life Expectancy: 50,000hrs
 Beam Angle: 15°, 25°
 Available LED Colors: RGB, CW (6500K), WW (3200K)
 Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
 IP Rated: IP 54
 Weight: 0.4kg

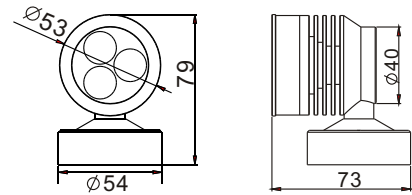
18-

VC-7:

Max. Input Current: 350 mA
 Input Voltage: DC 48V
 Power Consumption: 7.7W
 Number of LEDs: 2R, 2G, 2B, 1W or 7CW, 7WW
 LED Emitter: 1W
 LED Life Expectancy: 15°, 25°
 Beam Angle: 50,000hrs
 Available LED Colors: RGB, CW, WW
 Compatible Power Supply: V Power Series
 Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
 Weight: 0.4 kg

11-

Size: \varnothing 54 x 73 x 79 mm

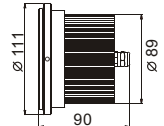


VC-12:

Max. Input Current: 350 mA
 Input Voltage: DC 48V
 Power Consumption: 14.2W (WW + CW)
 13.1W (RGB)
 Number of LEDs: 4R, 4G, 4B or 12CW, 12WW
 or 6CW + 6WW
 LED Emitter: 1W
 Beam Angle: 15°, 25°
 LED Life Expectancy: 50,000hrs
 Available LED Colors: RGB, CW, WW, W (CW + WW)
 Compatible Power Supply: V Power Series
 Power/Data Cable: 1.5m, 24AWG x 4P Cat.5e Cable
 Weight: 0.8 kg

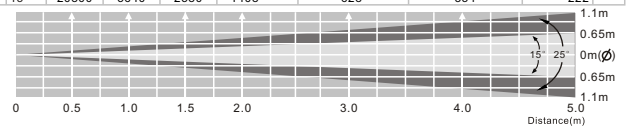
13-

Size: \varnothing 111 x 90 mm



Luminous intensity:

Distance	0.5	1.0	1.5	2.0	3.0	4.0	5.0 (m)	
RED 25°	4350	1194	501	293	132.5	73.1	45.6	(lux)
RED 15°	6420	1590	750	410	190.7	104.7	71	
GREEN 25°	990	276	118.5	69	30.8	17.4	11.2	(lux)
GREEN 15°	1400	420	190	100	50.7	27	19.1	
BLUE 25°	1567	383	167.4	92.6	43.6	23.8	15.7	(lux)
BLUE 15°	1800	510	220	120	55.4	32	20.8	
RGB 25°	6720	1820	779	451	190.6	113.7	12.4	(lux)
RGB 15°	9350	2500	1160	630	275	153	106.8	
WW 25°	13700	3500	1600	887	394	220	150	(lux)
WW 15°	20500	5600	2400	1300	600	400	200	
CW 25°	14400	3800	1900	1000	440	255	178	(lux)
CW 15°	20800	5640	2580	1408	628	354	222	



14-