Specification:

- Die-cast 6063 aluminum alloy housing with 180 degree vertical adjustment
- Three DMX channels RGB or four DMX channels RGBW
- Input Voltage: 100-240 VAC
- Operating Voltage: 24VDC
- Protection Rating: IP65
- Operating temperature: -20 to 45 celsius
- Certifications: CE, RoHS, ETL
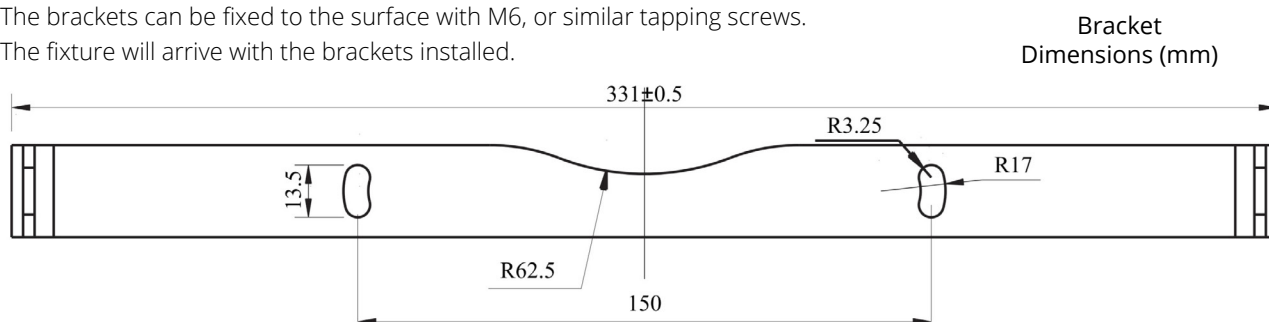
Power and Signal Cable Connection:

- 5' power cable whip and 1.5' in and out DMX cable standard option
- Field installed grounded plug option for the power cable
- Power cable: Line (Black), Neutral (White), Ground (Green)

Wiring:

- When connecting the fixture to the controller or connecting the DMX cables between the fixtures, the male connector on the fixture is the input and the female connector is the output. Make sure the first fixture coming from the controller is attached to the correct input cable.
- 5' power cable whip and 1.5' in and out DMX cable included.
- Cables are permanently assembled to the fixture for IP65 use.
- Proprietary waterproof connectors attached for connecting DMX cable.
- Assembled signal cable extenders available with waterproof connectors.
- Individual IP68 connectors can be purchased for use with signal bulk cable.
- A DMX terminator should be used to terminate the last fixture.
- Maximum DMX run is 300' or 60 fixtures and signal amplifiers are available for extended runs.
- For outdoor use, it is recommended to heat shrink over all connectors for long life installation.

Mounting Brackets:

- The angle is adjustable on the side of the bracket.
- The brackets can be fixed to the surface with M6, or similar tapping screws.
- The fixture will arrive with the brackets installed.

Bracket
Dimensions (mm)

331±0.5
R3.25
R17
13.5
R62.5
150

Cautions and Warnings:

- When connnecting the fixture to power, make sure and use the ground connection, to avoid electric shock, due to the metal housing.
- Care should be taken to properly heatshrink any connectors to make sure water doesn't seep into the cables. Not doing so will void the IP65 listing and warranty.
- Do not power on the fixture while it is still in the package.
- Do not use anything that covers the fixture's LED or heatsink during operation.
- Do not use the fixture in an enclosed environment.
- If the fixture appears damaged or is malfunctioning, do not attempt to repair, contact Vivid Leds, Inc. for troubleshooting.
- Check local building and electrical codes before assuming ths product can be used for your project.

Control Options:

- Dimming capability by any DMX controller or built-in controls
- RGB & RGBW color changing modes by any DMX 512 controller, or built-in controls
- LED screen with push button control to change or built-in programs or setup DMX
- Built-in self-control in independant mode with pre-programmed lighting effects
- Programs include solid colors, flashing, fading, color jumping
- Fixture modes: 1) Independant, 2) DMX , 3) Master/Slave

1) Independant Mode:

- Using the screen on the side of the fixture. Press "A" four times until "PXY" is displayed. Press "A" once and then select the parameters of your choice. This will change the "P" function with the cooresponding numbers in this chart. Press "B" to select the dimming level or speed 1-9. Example: P29 would be green full on.

1 - Static Red	1-9 Dimming Level
2 - Static Green	1-9 Dimming Level
3 - Static Yellow	1-9 Dimming Level
4 - Static Blue	1-9 Dimming Level
5 - Static Purple	1-9 Dimming Level
6 - Static Cyan	1-9 Dimming Level

7 - All Colors Full On	1-9 Dimming Level
8 - Multicolor Changing	1-9 Speed
9 - Single Color Fading	1-9 Speed
A - Multicolor Fading	1-9 Speed
B - Multicolor Flashing	1-9 Speed
C - Autorun Demo Mode	1-9 Speed

2) DMX Mode:

- It is best to set the first fixture to 004. If not, the fixture may be confused as a different mode if setting it to 001. The fixture uses three DMX channels for RGB or four DMX channels for RGBW. For RGB, the first fixture should be 004, the next fixture 007, the next 010, and so on. For RGBW, the first fixture should be 004, the next fixture 008, the next 012, and so on.
- Using the screen on the side of the fixture, when the digital LED is not flashing, press "A" once and the digital LED will begin to flash. Press "A" until you reach the desired DMX channel's first digit. Press "B" to select the next digit and "A" to change the desired channel's second digit. Repeat for the third digit. Once you have programmed the desired DMX channel's address, wait a moment for the screen to stop flashing. This will lock in the DMX address. Connect a DMX controller to operate the fixture.
- If there is no DMX signal present, meaning the DMX cable is not connected, the controller is not connected, or there simply is no DMX signal, the fixture will default to independant mode automatically until a DMX signal is present. For example, if the light fixtures are turned on before the controller, the fixture will first start in independant mode. As soon as a controller is attached, the fixture will go into DMX mode automatically and behave to the setting stored in the controller.
- If all of the steps are followed and the fixture will not go into DMX mode, check all of the cabling for a DMX signal.

3) Master/Slave Mode:

- Choose any one fixture to be the master. With all of the fixtures connected using DMX cables, set all other fixtures to 004. Next, change the master fixture to one of the "P" modes as described above under independant mode. When changing the mode, all other fixtures will change at the same exact time.
- Using the screen on the side of the fixture, when the digital LED is not flashing, press "A" once and the digital LED will begin to flash. Press "A" until you reach the desired DMX channel's first digit. Press "B" to select the next digit and "A" to change the desired channel's second digit. Repeat for the third digit. Once you have programmed the desired DMX channel's address, wait a moment for the screen to stop flashing. This will lock in the DMX address.
- Follow instructions above under independant mode to change the fixtures to the desired programs using the master.