

Product Type:HC-F12V-7515 Module



Product Features

WS2811 Pixel Chip

Please note that these require a [smart pixel controller](#) - these will not work with [dumb controllers](#)

Each module contains a quantity of three, 5mm x 5mm RGB LEDs (each which has a single red, green and blue LED) for a total of 9 LEDs per module.

12v power input

3.07" long x .684" wide x .357" high (main module) - excluding mounting tabs and wires.

3.75" long including mounting tabs. 3.4" CL to CL of mounting holes/flanges.

3" to 3.4" spacing between modules.

Hard plastic shell with clear waterproof sealant/epoxy over LEDs.

~38 Lumens (white)

120 Beam Angle

LED Life: 50,000 Hours typical

Wiring colors:

Red: 12v Positive / +

Green: Data Signal

Blue: 12v Negative / -

The base of each module includes double-stick adhesive tape

20awg wire

Maximum recommended continuous length of modules is 20 in series. Longer lengths can result in lower light output.

Power consumption per module (three LED's per color):

Red: 21ma (.414 amp per 20 modules)

Green: 22ma (.431 amp per 20 modules)

Blue: 22ma (.428 amp per 20 modules)

White (all three colors): ~64ma (1.27 amp / 15.2 Watts per 20 modules)

Power drop over 20 Modules from 12v: 11.3v