

Product Type:HC-F12V-3535 Module



Product Features

WS2801 Pixel Chip

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

Each square module contains a quantity of four, 5mm x 5mm RGB LEDs (each which has a single red, green and blue LED) for a total of 12 LEDs per module.

12v power input

Tin plated steel base with 1/8" mounting hole in center of case

- 150 Beam Angle
- Dimensions:

Case: 1.4" Wide x 1.4" Tall (1.745" including two small mounting tabs)

- 1.86" High (excluding wire)

Wiring colors:

Red = 12v +

Blue = 12v-

Yellow = Clock

Green = Data

20awg wire

2.75" to 3.2" module to module wire spacing, 3" is most common

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

White (all three colors) Single module: ~47ma

White (all three colors) 100 modules: 4.7 amps / 57 Watts per 100 modules

Power drop from 12v over 100 modules: 6.03v