

Status

full color stack light with 85 db alarm 

velocio.net/status

Status datasheet v1.0

1/19/2024

Wiring



2 GND connections. They're internally tied together, so it doesn't matter which is which. Use them for:

V- of stack light's power supply
ground of signal connections (if not same as V-)

+VDC: 7-28VDC of stack light's power supply

Use Sinking (NPN) OR Sourcing (PNP) connections. You may mix and match, but not both for any one connection at the same time.

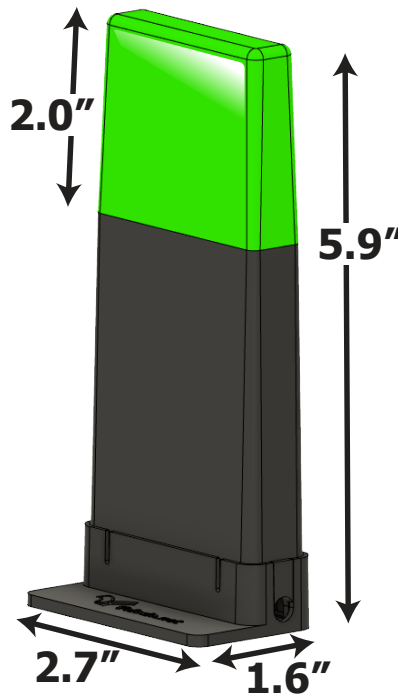
Sinking (NPN) ON when connected to Ground

RD: Red connection
GN: Green connection
BU: Blue connection
BZ: Buzzer connection

Sourcing (PNP) ON when connected to 3-28VDC

RD: Red connection
GN: Green connection
BU: Blue connection
BZ: Buzzer connection

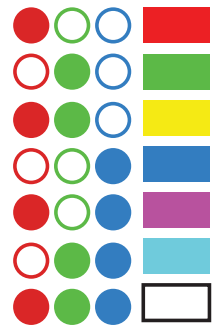
Dimensions



3D Model found at velocio.net/status

Colors

Colors with simple ON/OFF control



PWM lets you to vary the percentage of time a light is ON. Think of it like a dimmer switch. Using PWM with the 3 colors lets you create about any color of the rainbow



PWM examples found at velocio.net/status

Specifications

Input PWR voltage range (7-28VDC)

Input PWR MAX current: (RD, GB, BU, BZ) when all ON

350 mA @ 7VDC
210 mA @ 12VDC
110 mA @ 24VDC

Sinking inputs ON threshold (0-1VDC)

Sourcing inputs ON threshold (3-28VDC)

Sinking or Sourcing signal current draw < 2 mAmp

Weight: 100 grams (3.5 oz.)

Mounting

Mounts with #6 blot (included)

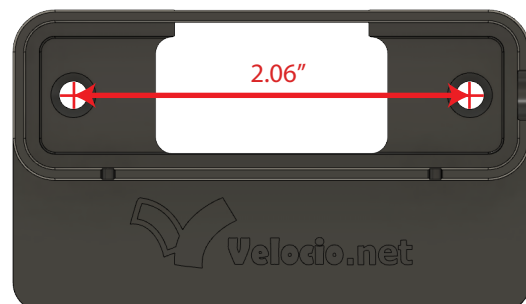


Image is to scale and can be used as drilling template

