



5220B-* (Software Options) *LIGHT SIGNALING* **CORRIDOR LIGHT**

BASIC INTELLIGENT SUBSTATION w/4 LIGHTS

Option Suffix "S" (5220-*-S) w/Screw
Terminals For Support of Passive Devices

The Tech Works **5220-B** is a, Super Bright, all Solid-State, Corridor Light with four LED's that display the status of any Substation. The four LED's are Super Bright, Dual Element Red, Yellow, Green, and Blue to easily identify functions or staff. Intelligent Data Network Communication allows the status of these lights to be sent to other Intelligent Stations with the same address. Two sets of four-position dipswitches program the Substation address. The first set specifies which Master to display the light status while the second set specifies the column of lights on the Master which correspond to this Substation. All Substations with the same address shall be totally interactive. The Substation shall display either a *steady* or *flashing* light depending on the dipswitch software selection.

BENEFITS

- Low Power
- Ultra Bright LED's
- Solid-State - No Maintenance
- Easy to Program

Design Information

12 VDC - @ 48 mA Minimum / 240 mA Max
Dimensions - 2.75" W, 4.5" H, 1.25" D
Standard 1-Gang Electrical Box Mounting
Wiring is Two Twisted Pair Cable

Tech Works™



"Making Specialized Communication Easy"

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*Software Options

- 5220B-CC Wide Angle Corridor Light**
4 status levels per color: Steady, Slow Flash, Fast Flash and Off
- 5220B-CCS Wide Angle Corridor Light**
With Screw Terminals for Passive Devices
- 5220B-DCS Duress-Call Corridor Light with Screw Terminals**
Momentary Contact Inputs – Screw terminal for Call/Reset from Passive devices.
Supports Passive call buttons sending Fast Flash on first push and reset after acknowledgement
- 5220B-LC Light-Call Corridor Light**
Will display any message, but sends On/Off Steady or Fast Flash
- 5220B-LCS Light-Call Corridor Light**
Momentary Contact Inputs - Two Status Level Outputs – Flashing or Steady (dipswitch selectable), or Off
For connection of Passive buttons/devices
- 5220B-ZL Clinic-Call/ Duress-Call/ Light-Call**
Zone/Duty Station Light Panels capable of displaying the status of its assigned Master or group of Masters. The lights are color-coded red, yellow, green, and orange. Upon activation of any Substation on a Master, the zone/duty light will reflect the status of the highest priority Substation on that Master. If the “S” is down the 5220B -ZL will only represent the Master matching its address. If the “S” option switch on the 5220B is up it will represent 2 Masters starting with the address corresponding to it’s Master address setting plus the next Master address.
- 5220B-ZLS Clinic-Call/ Duress-Call/ Light-Call**
With Screw Terminals for Passive Devices
- 5220B-ZLT Clinic-Call/ Duress-Call/ Light-Call**
With single tone for a steady light and a repeating tone with a flashing light
- 5220B-ZLTS Clinic-/Call Duress-Call/Light- Call**
This Zone/Duty Station is the same as the 5220-ZLT with Screw Terminals

Architects' and Engineers' Specifications

The Light Signaling System Wide Angle Basic Intelligent Corridor Light shall be a standard one gang electrical box mounting device constructed of ABS. A minimum of four LED arrays shall be provided to indicate up to eight statuses of each room. The LED’s shall be red, yellow, green, and blue to easily identify functions or staff. The Substation shall display either a *steady* or *flashing* light depending on the dipswitch software selection. Two four-position dipswitches set by the installer shall determine the group and Master address. Any Intelligent Substations having the same address shall be totally interactive. Any system not capable of installer programmable interaction of Substations shall not be considered under this specification. The Substation shall be an intelligent electronic device requiring no more than 240 mA at 12 Volts DC for full operation. The system shall operate on two twisted pair parallel wiring. Systems requiring more than two twisted pairs from one station to the next for full operation shall not be considered under this specification.

The Light Signaling System Wide Angle Basic Intelligent Corridor Light shall be
Tech Works Model 5220B-* (Note to specifier – add suffix to indicate desired feature options)