

CRL 169 Light Panel w\Hygiene Status Display Five-Lite System



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CRL 169 Light Panel w\Hygiene Status Display & CRL 130 Aluminum Button Bar

The CRL 169 Light Panel w\Hygiene Status Display is a display showing the five colored lights of the Five-Lite System as well as five numbered lights to display Hygiene status. A buzzer is built into the panel which sounds when a light is being lit in the Five-Lite System. The buzzer is adjustable by turning the large screw on the face of the panel.

The CRL 169 Light Panel w\Hygiene Status Display is used where a display of the lights of the Five-Lite System and hygiene status is needed. The most common use is in a room where the lights are to be mounted separately from the pushbuttons. The CRL 169 Light Panel is mounted on the wall across the room where it will be easy to see and a set of pushbuttons such as the CRL 130 Aluminum Button Bar or the CRL143 Button Panel is mounted near the personnel.

The CRL 169 Light Panel w\Hygiene Status Display should be located where it will be within the peripheral vision of the doctor. In an operatory it is placed on the side wall at about a 2:00 o'clock position at eye level for the seated doctor working between the 8:00 o'clock and 11:00 o'clock positions. Eye level is typically 48 to 54 inches above the floor. In a private office or consultation room it is placed across the room from the doctor on the wall the doctor would be facing somewhat above eye level, 60 to 66 inches above the floor.

MOUNTING

The CRL 169 Light Panel w\Hygiene Status Display should be mounted on a #44 Plaster Box in new construction where prewiring may be done before the studs are covered. A #24 Mounting Frame is used in to mount the panels into existing drywall. Two #6-32 X 3/4" oval head stainless steel screws are provided for mounting the panel to the mounting frame or the plaster box.



CRL 169 Wire connections

WIRING

The CRL 169 Light Panel w\Hygiene Status Display is wired using Theta #84 Cable. As the circuit often will be continuing on to additional stations and a branch circuit to a set of pushbuttons may be connected to this panel, often there will be three cables connected. A branch circuit to a set of pushbuttons would use Theta #89 nine conductor cable without the five stripped conductors that illuminate the hygiene status display. About 4 inches of the outside jacket of the cable should be removed. The different colors of wires are matched to the terminal screw of the same color. Approximately 1/4 inch of insulation should be removed from the wire and all wires of a color are then securely clamped under the square washer under the head of the terminal screw. The wires do not have to be wrapped around the screw.



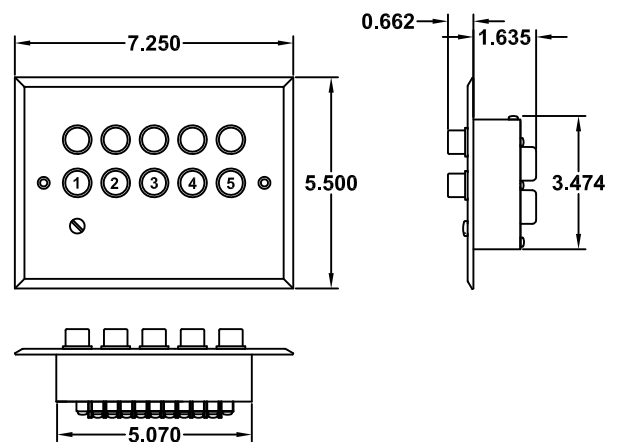
CRL 169 Mounting on #44 Box

REPLACING LAMPS

The CRL 169 Light Panel uses #47 miniature bayonet lamps. To remove a lamp, the lens is unscrewed and the lamp is pushed in and turned counter clockwise one quarter turn. A sprint in the socket will push the lamp out. This procedure is reversed to install new lamps.



Lamp Replacement



CRL 169 Light Panel