

Hard-Wired 24VDC LED Door Strobe Technical Data (Model # HW-DSW)

Description

The HW-DSW 24VDC door strobe features an advanced power saving LED technology with a full range of low and high candela settings for indoor wall mount applications. Designed in sleek, modern enclosures, its aesthetically pleasing low profile will blend with the building's interior décor. Its high energy efficient technology leads the industry in lowest current draw for a combined high and low candela device, which reduces overall power consumption. As the first notification appliances in the industry to utilize LED as the light source, this breakthrough optical design, resulting in best-in-class efficiency, enables material and system cost savings, allowing for a greater number of appliances on the notification appliance circuit and fewer power supplies. This reduces installation and operating costs. The door strobe features six candela settings: 15, 30, 75, 110, 135, 185 cd. Approvals and synchronization meet the 20 millisecond light pulse duration requirements of the 2016 edition of NFPA 72. By meeting this latest requirement, xenon and LED devices can now be in the same field of view. The notification appliance is listed under UL Standards 1971, 1638, and 464 and under CAN/ULC-S525 and CAN/ULC-S526. The appliances are Restriction of Hazardous Substances (RoHS) compliant and contain no mercury or other hazardous substances.

Features

- Energy efficient
 - LED technology provides industry's lowest current draw
 - Fewer power supplies required, smaller wire gage, reduced wire runs
- Low-profile design
 - One of the smallest, most compact single-gang designs
 - Sleek, modern aesthetics with no visible mounting screws
 - 6 Field selectable settings in 1 device: 15, 30, 75, 110, 135, 185 cd
- Easy-to-install
 - Mounting plate included with all models: Convenient capture hinge allows installers to easily hold the device while fastening the single-mount screw in place.
 - Pre-wire/pre-test capability to check for wiring and ground faults prior to appliance installation
 - Finger slide switches--No tools needed for setting changes
 - IN/OUT screw terminals using #12 to #18 AWG wires
 - Mounting options include ELSBB, any single-gang backbox and to 4" square with adapter kit
- Strobe synchronization
 - Meets synchronizing standards
 - Ability to mix xenon and LED strobes in the same field of view
 - Compliance • NFPA 72 2016 - 20 ms flash duration requirements
 - UL 1971, UL 1638, UL 464, ULC-S525, ULC-S526

Note: Please read these specifications and associated installation instructions, before using, specifying, or installing this product.

Physical Specifications

Material: White textured UV stabilized, colored impregnated engineered plastic. Exceeds 94V-0 UL flammability rating

Weight: 0.35 lbs

Lens: Light Emitting Diode (LED) in a rugged Lexan lens

Dimensions: 4.79" H x 2.76" W x 1.18" D , Trimplate: 5.25" H x 4.58" W x 0.32" D

Operating Temperature Indoor: 32°F to 122°F (0°C to 50°C) and maximum humidity of 93%

Regulating Voltage Range: 16.0 – 33.0 VDC

General Notes

- Strobes are designed to flash at 1 flash per second minimum over their "Regulated Voltage Range." Note that NFPA-72 specifies a flash rate of 1 to 2 flashes per second and ADA Guidelines specify a flash rate of 1 to 3 flashes per second.
- All candela ratings represent minimum effective strobe intensity based on UL 1971.

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