



# Freedom LED Series

## Aluminum LED Exit Sign

Catalog Number	
Comments	Type

### FEATURES

#### Application

The LED series is an architectural combination exit and emergency light designed for fast installation and reliable service.

The LED series has a Vinyl clad, marine grade aluminum housing and stencil face assembly. The unit is available in single and double face models and is offered in six decorator finishes. Includes a fully automatic, solid-state charger. All emergency components mount inside the exit housing, 6 Volt, maintenance-free lead-acid battery, user-selectable constant on or flashing LED illumination in emergency mode.

#### Construction

The LED series housing and canopy is constructed of marine grade vinyl clad 5052-H32 aluminum. The stencil face shield is made of vandal-resistant polycarbonate. The sign comes in a choice of finishes including white, white with brushed face, black, black with brushed face, brass and antique brass.

#### Illumination

The LED Series provides bright, even illumination by using 108 red or green high-output LED's. The lamp has a rated life in excess of 20 years. Photometrics are available for download at [www.dual-lite.com](http://www.dual-lite.com).

#### Installation

The LED Series mounts to 3<sup>1</sup>/<sub>2</sub>" , 4" octagon, or 4" square outlet boxes and standard plaster rings. It can also be wall mounted by use of back-plate via knockout pattern to an outlet box.

#### Compliances

Listed to UL924 Damp Location Standard, NFPA-101, NFPA-70

#### Warranty

LED Illumination Strip: 5-years full

Unit and Electronics: 5-years full

Battery: 1 year full, 9 years pro-rata (10 years total)



### ACCESSORIES

- VRS3** Vandal Resistant Shield
- WGTC** Wireguard (ceiling/end mount)
- WGTW** Wireguard (wall mount)

### ORDERING GUIDE

#### LED

Model	Faces	Operation	Letter Color	Finish	Options
	1 Single 2 Double	<b>AC</b> AC Only <b>EM</b> Emergency	<b>R</b> Red <b>G</b> Green	<b>WW</b> White <b>WA</b> White with Brushed Aluminum Face <b>B</b> Black <b>BA</b> Black with Brushed Aluminum Face <b>TT</b> Brass <b>ZZ</b> Antique Brass	<b>FAP</b> Fire alarm panel interface <b>TR</b> Tamper resistant screws <sup>2,3</sup> <b>BPR</b> Beeper module <sup>1,3</sup>

<sup>1</sup>For use with emergency models only.

<sup>2</sup>Operates with 24-volt AC or DC fire alarm panels.

<sup>3</sup>-BPR and -FAP options may not be specified together.



# Freedom LED Series

## Aluminum LED Exit Sign

### SPECIFICATIONS

#### Electronics

Emergency model includes maintenance-free nickel-cadmium battery with capacity to run the LED's for 90 minutes. 24 hour battery re-charge. All models supplied with a dual voltage input which accepts 120 or 277VAC. Includes pre-stripped AC input pigtail leads. Includes test switch, AC-on indicator and Red Battery Charge LED indicator.

**Battery Type:** Maintenance-free nickel-cadmium

**AC:** 120/277VAC, 60Hz (all models)

**Operating Temperature Range:** 10°C to 40°C (50°F to 104°F)

#### Discharge Time

**Flashing Mode:** 12 hours (single face), 8 hours (double face)

**Constant-On Mode:** 6 hours (single face), 4 hours (double face)

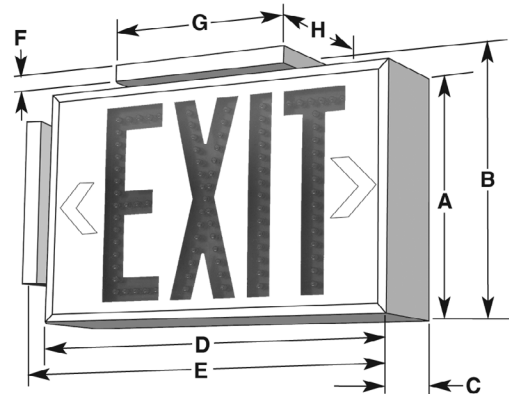
### POWER CONSUMPTION

Model	Single Face Models		Double Face Models	
	120VAC	277VAC	120VAC	277VAC
<b>Red AC Only</b>	3.00 watts	3.15 watts	6.80 watts	6.80 watts
<b>Green AC Only</b>	2.80 watts	2.94 watts	6.70 watts	6.70 watts
<b>Red Emergency</b>	3.17 watts	3.34 watts	7.27 watts	7.22 watts
<b>Green Emergency</b>	3.05 watts	3.00 watts	7.65 watts	7.67 watts

\*Wattage figures include LED lamps, transformer and electronics power requirements.

**Power Factor, Average:** .8 (lagging)

### DIMENSIONS



A	B	C	D	E	F	G	H
7 1/2"	8"	3 1/8"	12 1/8"	12 5/8"	1/2"	6"	4 1/4"
19 cm	20 cm	7.9 cm	30.8 cm	32.1 cm	1.3 cm	15.2 cm	10.8 cm