

Project		Catalog #		Type	
Prepared by		Notes		Date	



Sure-Lites

APX Series

LED Exit Sign
 Thermoplastic housing
 AC only or self-powered with Ni Cad battery

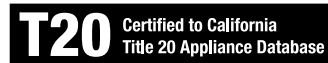
Typical Applications

Office • Education • Healthcare • Hospitality
 • Retail • Industrial • Manufacturing

Interactive Menu

- Order Information page 2
- Product Warranty

Product Certification



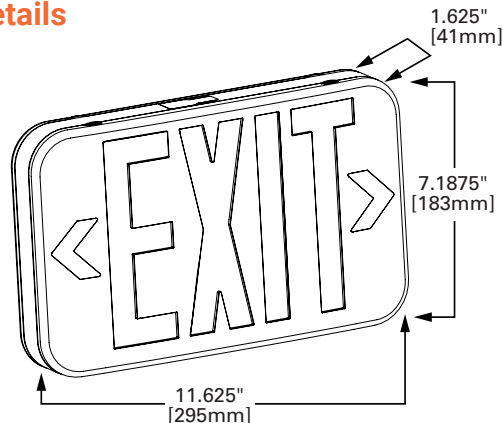
Product Features



Top Product Features

- Long-life LED lamps provide uniform diffused illumination
- Dual voltage input 120/277 VAC, 60Hz
- Battery (APX7) – sealed nickel cadmium
- Universal J-box mounting pattern
- Thermoplastic housing
- 90 minute run time for self-powered versions if power is lost

Dimensional and Mounting Details



APX7RBK

SAMPLE ORDER NUMBER: **APX7RBK**

Order Information

--	--	--	--

Series	Face Options	Letter Color	Housing Color
APX6 = AC only (no battery)	__=Universal	R=Red G=Green	__=White BK=Black
APX7 = Nickel Cadmium battery	__=Universal	R=Red G=Green	__=White BK=Black

Catalog Examples

Catalog Examples
APX6R,APX6RBK
APX6R,APX6RBK
APX7R,APX7RBK
APX7G,APX7GBK

*2C is only available in white housing

Product Specifications

Electrical

- Dual Voltage Input 120/277VAC 60Hz
- Solid-State voltage limited charger (APX7)
- Brownout circuit (APX7)
- Test switch / Power indicator light (APX7)

Housing Construction

- All components are injection molded, color stable, high impact thermoplastic material
- Available in a white or black finish
- Components are of snap-fit construction to facilitate under 5-minute installation
- Reinforcing ribs throughout to provide maximum strength connections
- All components including battery and electronics are located inside the exit housing
- Snap-out or snap-in chevron directional indicators have full 3/4" stroke
- Universal exits can be field configured as single face or double face
- Snap-fit canopy with mounting screws included with all exits
- Exit can be ceiling, wall, or end mounted
- Universal J-box mounting pattern
- Operating temperature range 10 °C to 40 °C

Battery

- Sealed nickel cadmium
- Maintenance-free, long-life
- Full recharge time: 24 hrs (max.)

Code Compliance

- UL 924 Listed
- UL Damp Location Listed
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes
- Operating temperature range 10 °C to 40 °C
- California Energy Code compliant

Lamp Data

- AC LED: Long life LED lamps provide uniform diffused illumination
- DC: LED DC lamps (Brighter in emergency mode, APX7)

Warranty

- Five-year warranty
- Seven-year prorated battery warranty)

Energy and Performance Data

Maximum power consumption under all charge conditions:

Sealed Nickel Cadmium Battery LED Exits - Red

Input Power	Input Current (Max.):	Power Factor:
120V = .99W	120V = .07A	120V = >.12
277V = 1.14W	277V = .07A	277V = >.06

Energy Data AC Only LED Exits - Red

Input Power	Input Current (Max.):	Power Factor:
120V = 1.31W	120V = .07A	120V = >.17
277V = 1.74W	277V = .08A	277V = >.08

LED Exits - Green

Input Power	Input Current (Max.):	Power Factor:
120V = .93W	120V = .07A	120V = >.11
277V = 1.05W	277V = .07A	277V = >.05

LED Exits - Green

Input Power	Input Current (Max.):	Power Factor:
120V = 1.33W	120V = .07A	120V = >.05
277V = 1.76W	277V = .07A	277V = >.03

Description

The LED APX series is UL924 code compliant solution for indoor exit requirements. It is available as AC only (APX6) or self-powered (APX7) with a maintenance free nickel cadmium battery. The self-powered version will operate for a minimum of 90 minutes during a power outage.

All models feature an LED source available in red or green, are field configurable for single or double face and are universal mount (ceiling, wall or end). The polycarbonate housing is available in white or black.

Technical Data

Lamps

- Long life LEDs provide uniform diffuse illumination of the exit face
- Low operating costs and zero maintenance required
- Exit illumination by LED lamps
- Both red and green LEDs and consume a total of 2.0 watts

Housing Construction

- Rugged, durable, injection molded thermoplastic materials
- Structural components designed with reinforcing ribs for additional rigidity and structural integrity
- Impact and scratch resistant
- UV stabilized to resist discoloration due to age and ultraviolet radiation
- Snap-fit construction (no mechanical fasteners) to facilitate installation in under five minutes
- Installation components included (wire nuts, wire leads, universal metal J-box bracket, etc.)
- Universal design enables exit to be configured as single face or double face in the field
- Wall, ceiling or end mounting
- Rugged, snap-fit, low-profile canopy with captive screws included for ceiling and end mounting
- Housing color available in white or black

Lens

- Durable, impact-resistant thermoplastic
- Full 3/4" stroke snap-out or snap-in chevron directional indicators ensure maximum visibility and code compliances

Solid-State Charger (APX7)

- 120/277 VAC, voltage regulated solid-state charger
- High charge rate immediately following power restoration of AC current after a power failure
- Charge circuit reacts to the condition of the battery and regulates the charging process in order to maintain peak battery capacity and maximize battery life
- Solid-state construction recharges the battery following a power failure in accordance with UL 924

Brownout Circuit (APX7)

- Monitors the flow of AC current
- Activates the emergency lighting system when a predetermined reduction/dip of AC power occurs (a dip in voltage will cause most ballasted products to extinguish, causing loss of normal lighting even though a total power failure has not occurred)

Test Switch/Power Indicator Light (APX7)

- Switch located on the bottom of the exit permits the activation of the emergency circuit for complete operational systems check
- Indicator light provides visual assurance that the AC power is on

Sealed Nickel Cadmium Battery

- Sealed, maintenance-free nickel cadmium battery with 10-year life expectancy
- Rechargeable battery offers high discharge rates and stable performance over a wide range of temperatures
- Resealable vent automatically controls cell pressure, assuring safety and reliability
- Best suited for harsh ambient temperatures due to the electrolyte is not active in the electrochemical process

Warranty

- Five-year warranty