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APC7RG LED COMBO RND HEADS RED/GREEN LETTERING BTRY BKUP

COOPER LIGHTING SOLUTIONS

Catalog Number	APC7RG
Manufacturer	COOPER LIGHTING SOLUTIONS
Description	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, White Finish.
Weight per unit	2.5 (lbs/each)
Product Category	Lighting

Features

Fixture Type	Exit Light
Lamp Type	LED
Voltage Rating	120/277 VAC
Wattage	4.04
Amperage Rating	0.01
Lumens	N/A

Dimensions and Weight

Size	12.75 IN Length 7.875 IN Width 2.25 IN Height

Descriptions

Description	LED COMBO RND HEADS RED/GREEN LETTERING BTRY BKUP
Long Description	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, White Finish.
Product Type	All Pro Combo Red GRN
Special Features	Red / green selectable exit sign and emergency light
Extra Long Description	ECL APC7RG ALL PRO COMBO RED GRN

Manufacturer Information

Brand	Cooper Lighting Solutions ALL-PRO EMERGENCY
GTIN	00080083280827
Manufacturers Part Number	APC7RG
UPC	783363

Taxonomies, Classifications, and Categories

Category Description	Emergency & Exit Lighting
Type	Exit Signs

Packaging

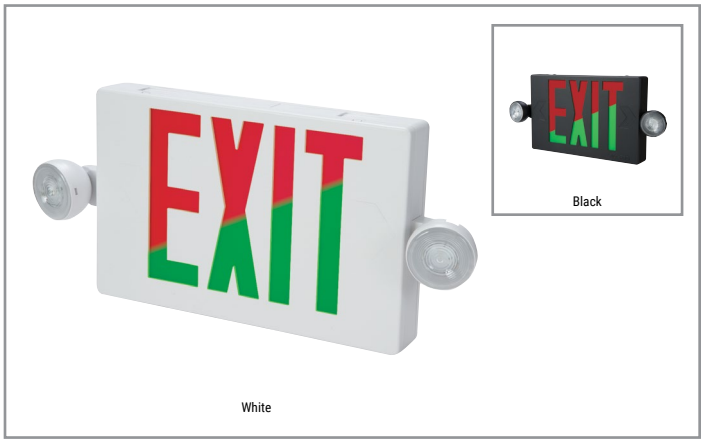
Carton	1
Package	8
Weight Per Each	2.5 (lbs/each)

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Uses, Certifications, and Standards

Application	lighting
Mounting	Ceiling/Wall Mount
Standard	Title 20 Compliant;UL Listed

Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Sure-Lites

All-Pro APC7RG Series

Combination LED Exit Sign and Emergency Light

Thermoplastic Housing with Selectable Red or Green Faces

Typical Applications

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

Interactive Menu

- Order Information page 2
- Product Warranty

Product Certification

UL CERTIFIED

T20 Certified to California Title 20 Appliance Database

Product Features

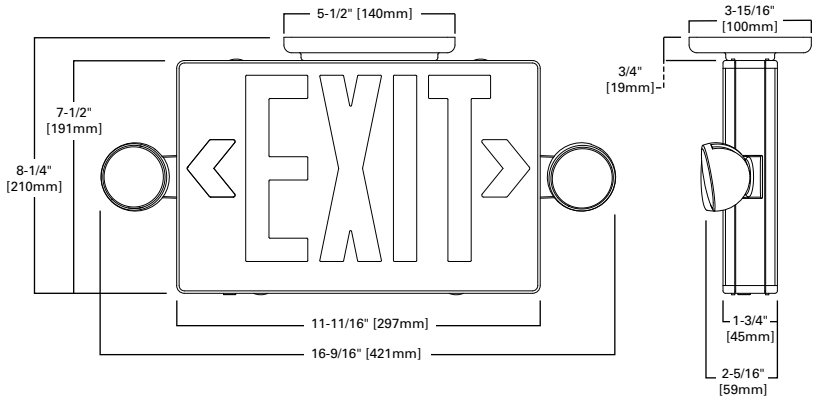
damp location

selectable faces

Top Product Features

- Provides 90 minutes of emergency power
- 3.6V, 0.78W DC long lasting LED heads provide up to 17 feet of egress coverage
- Field selectable single or double faces with snap-out/snap-in chevrons
- Field selectable red or green LEDs and inserts for letter color selection
- Maintenance free nickel cadmium battery
- High impact, 5VA flame resistant, UV resistant thermoplastic housing in white or black
- Universal J-box mounting pattern
- High power remote capable option for up to 17 feet additional egress coverage
- UL Damp location rated
- Dual voltage input 120/277 VAC, 60Hz

Dimensional and Mounting Details



additional product diagrams

Ordering Information

SAMPLE ORDER NUMBER: **APC7RG**

Series	Remote Heads Powered	Battery	Face Options	Letter Colors	Housing Color	Catalog Numbers
APC	**[Blank]**=No Remote Heads **H**=Two 3.6V LED Heads	**7**=Nickel Cadmium	**[Blank]**=Universal	**RG**=Field Selectable Red or Green	**[Blank]**=White **BK**=Black	**APC7RG, APC7RGBK, APCH7RG, APCH7RGBK**

Catalog Number	Description	UPC	Case Count	Pallet Quantity
APC7RG	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, White Finish	080083280827	8	192
APC7RGBK	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, Black Finish	080083280841	8	192
APCH7RG	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, Remote Capacity, White Finish	080083280865	8	192
APCH7RGBK	All-Pro Combination Exit and Emergency Light, Red Green Selectable, Nickel Cadmium Battery, Remote Capacity, Black Finish	080083280889	8	192

Description

The LED APC series is a UL924 code compliant solution for indoor exit and emergency requirements that will operate for a minimum of 90 minutes during a power outage. The LED emergency heads are adjustable, can be side or top mounted and will provide 17 feet of emergency egress coverage. The nickel cadmium battery requires no maintenance. The APC7RG series are supplied with both red and green LEDs and red and green face inserts to provide deep letter colors and illumination uniformity. The series are supplied pre-set to red letters and are easily changed to green letters in the field. The APC7RG series configurable single or double faces, snap-in/snap-out directional chevrons and universal surface ceiling, wall and end mounting make it a true universal exit and emergency lighting solution for stocking and installation needs. The high impact, UV resistant, 5VA flame resistant thermoplastic housings resists discoloration due to age or UV exposure for maximum durability. Housing finishes are available in white or black for multiple design requirements. The high powered remote capable versions (H series) will power two additional 3.6 volt emergency heads from the APWR series to generate a total of 34 feet of emergency egress coverage.

Product Specifications

Illumination Source Data

- Long life LEDs provide uniform, diffuse illumination for the EXIT face
- RG models have field selectable red or green LEDs
- LED sources are brighter in emergency mode
- 3.6V, 0.78W Long life LED heads provide up to 17 feet egress coverage

Electrical

- Dual voltage input 120/277VAC, 60Hz
- 3.6V, 0.78W DC long lasting LED heads
- Line-latching
- Solid-state voltage limited charger
- Solid-state switching
- Brownout protection
- Low voltage disconnect
- Overload/short circuit protection
- Test switch / power indicator light
- High power remote option available capable of running two additional APWR 3.6V, 0.78W remote emergency lights

Housing Construction

- All components are injection molded, color stable, high impact, 5VA flame resistant, thermoplastic housing
- UV stabilized to resist discoloration due to age and ultraviolet radiation
- APC7RG/APCH7RG series LEDs and lens panels are field selectable red or green. APC7RG/APCH7RG series come with LEDs set to “red” with red inserts installed. The APC7RG/APCH7RG series and can be easily converted to “green” LEDs and inserts in the field.
- Available in white or black textured finish
- Components are of snap-fit construction to facilitate under 5-minute installation
- Reinforcing ribs throughout to provide maximum strength connections
- Molded-in wireways facilitate internal wire routing and 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

Solid-State Charger

- 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

- 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

- 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

Line-Latched

- AC activated load switch prevents lamps from turning on during installation to a non-energized AC circuit
- Eliminates need of contractor to return to job site to connect batteries when building’s main power is turned on

Low Voltage Disconnect

- Disconnects lighting load when battery terminal voltage falls
- Disconnect remains in effect until normal AC power is restored
- Prevents deep battery discharge, which provides for longer battery life

Battery

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

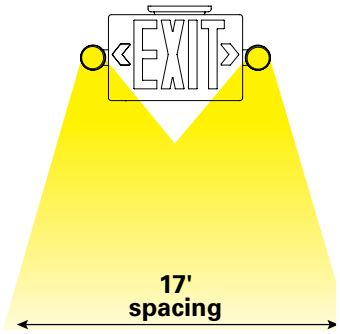
Code Compliance

- UL 924 Listed
- UL Damp Location Listed
- Life Safety NFPA 101
- NEC/OSHA
- California Energy Code compliant

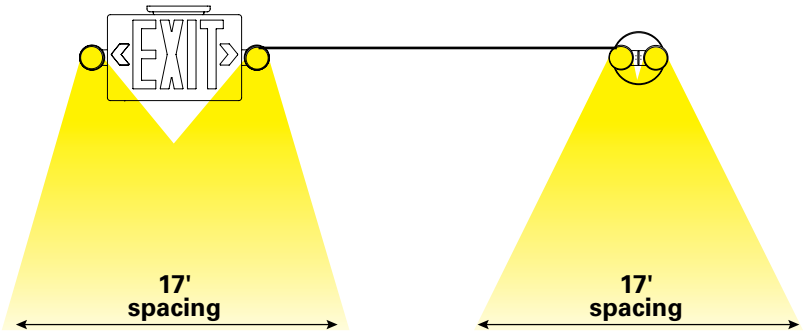
Limited Warranty

- Five-year limited warranty
- Seven-year prorated battery limited warranty

APC Spacing



APCH7 Spacing with Remote (1)



Note: (1) Additional AWPR remote heads provided separately.

Energy and Performance Data

Maximum power consumption under all charge conditions:

APC7RG Series - Red/Green Selectable

Input Power	Input Current (Max.):	Power Factor:
120V = 2.01W	120V = 0.11A	120V = >0.150
277V = 4.04W	277V = 0.10A	277V = >0.143

APCH7RG Series - Red/Green Selectable

Input Power	Input Current (Max.):	Power Factor:
120V = 2.81W	120V = 0.14A	120V = >0.168
277V = 3.79W	277V = 0.11A	277V = >0.125

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Specifications and dimensions
subject to change without notice.