



LED Combination Series – EPX

STEEL LED EXIT/LED EMERGENCY COMBO



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____

PRODUCT DESCRIPTION

The EPX model combination LED Exit / LED Emergency unit features a robust steel housing. The EPX is the perfect solution to stairwell/corridor egress lighting, and combines a self-powered LED exit sign with two emergency lighting heads, thus eliminating the need for a separate emergency light unit in most applications. The Exit sign may be illuminated with either Red or Green high-powered LED's.

PRODUCT SPECIFICATIONS

CONSTRUCTION

Constructed from durable 20 gauge steel with standard white baked powder coat finish • Single, double or universal face versions must also be specified • Universal mounting pattern and key hole slots are stamped into the back plate • 6" letters with 3/4" stroke width • Removable chevron directional indicators • Standard external LED status indicators and push button test switch • Heads are molded from high impact thermoplastic in a matching color • Red or green letters

ELECTRICAL

Dual voltage 120/277VAC • Solid state charging and switching • Brownout protection • Overload and short circuit protection • AC power indicator and test switch.

LAMPS

Long life, energy saving LED lamps • Exit sign LEDs are single color (red or green) and connected in a series/parallel configuration such that the unlikely failure of one LED will affect no more than one other LED.

EMERGENCY HEADS

Supplied with either (2) PAR18 small style heads or large style PAR36 heads. Both head styles are constructed of high impact thermoplastic in a color matching the finish of the cabinet. Both feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping.

BATTERY

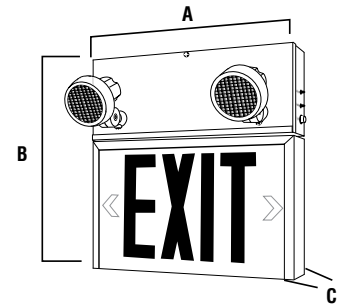
Designed with a maintenance free, valve regulated sealed lead-acid battery providing a minimum emergency lighting duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. The maximum battery operating temperature is 40°C. The minimum working temperature is 10°C.

CODE COMPLIANCE

CSA Listed EPC HRC 323 NUL Uclgv { "Eqf g"eqo r rlcprvÉP GE"cpf "QUI C"eqo r rlcprv

WARRANTY

5-year warranty. Product specifications subject to change without notice.



Series	A	B	C
7BJ	12 ^{1/8"} (308mm)	12 ^{1/2"} (311mm)	2 ^{1/2"} (64mm)



ORDERING INFORMATION

model	# of faces	letter color	volts/watts	heads	heads	lamps ⁴	options
EPX	U ¹ = Universal	R = Red	6-12 = 6 Volts/12 Watts	0 = No Heads	SM = Side Mount	see lamp guide	SD = Self Diagnostics
		G = Green	6-27 = 6 Volts/27 Watts	2L = 2 PAR36	FM = Front Mount		BL = Black Housing
			6-36 = 6 Volts/36 Watts	2S = 2 PAR18			FL = Flasher
			12-27 = 12 Volts/27 Watts	or LED ³			BZ = Buzzer
Notes			12-36 = 12 Volts/36 Watts				FAl ² = Fire Alarm Interface

¹Universal includes 2nd exit face and backplate

² Specify type- open/closed dry contact

³ Select "LED5" as an option

⁴ PAR36 Standard 5.4W lamps on 12 Watt unit, Standard 9W lamps on 27W & 36W units
 PAR18 Standard 5W lamps on 12 Watt unit, Standard 10W lamps on 27W & 36W units

TP = Tamperproof Screws
 WG = Wire Guard
 LED5 = 5W LED Lamps

Ordering Example EPX-U-R-6-12-2L-SM-5.4W-SD



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CIRCUIT

The EPX utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load. All LED versions use only 2W nominal power.

LAMP SELECTION GUIDE

	6V	12V
Incandescent (2L)	5.4W, 9W	9W, 18W
Halogen (2L)	8W, 10W, 12W, 20W	8W, 12W, 20W, 35W
MR16 (2S)	5W, 10W	10W, 12W
LED5	5W	5W

MECHANICAL

The design of the EPX exit provides a clean and attractive appearance. The 20 gauge steel frame contains no external holes or slots adding to the clean look while eliminating unwanted light leaks, can be securely mounted in any application. The face and back plates are mounted into the frame using a channel system that permits simple and speedy removal during installation.

INSTALLATION

MOUNTING

May be top, end or back mounted • All signs include steel canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple J-box mounting • Single face versions are field convertible to double face using accessory faceplate.

SELF DIAGNOSTICS

The self-diagnostics option automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. No need to memorize complex indicator protocols. No confusing array of multiple, same coloured LEDs that can be difficult to read from floor level.