



BPO LIGHTING

Hazardous Location LED Imports

RXL SERIES

HAZARDOUS
LOCATIONS



■ specifications: internal

The RXL is configured with 120/277V input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

■ specifications: external

The RXL housings are constructed from corrosion resistant, copper-free cast aluminum. The quick access thread on cover allows for trouble-free installation and reduces general maintenance time. A one-way stainless breather provides proper and effective unit ventilation. External mounting feet provide for simple and secure installations.

■ hazardous code chart

Location	Code / Designation
Class I, Division 1, Group B	C1D1GB
Class I, Division 1, Group B, C & D	C1D1GBCD
Class I, Division 1, Group C & D	C1D1GCD
Class I, Division 2, Group B, C & D	C1D2GBCD
Class I, Division 2, Group C & D	C1D2GCD
Class II, Division 1, Group E, F & G	C2D1GEFG
Class II, Division 2, Group E, F & G	C2D2GEFG
Class II, Division 2, Group G	C2D2GG
Class III, Division 1 & 2	C3D12

NOTE: Exact dimensions will vary depending on actual configuration and rating classification. Contact factory for details.

■ ordering logic

Series	Operation	Pb-A (Capacity)	Ni-Cd ² (Capacity)	Hazardous Code	Emergency Heads	# of Lamps	Lamps	Options
RXL ¹	6VDC	36 (6V, 12V)	42 (6V, 12V)	See hazardous	0 (no heads)	1 ³ (single lamp)	See lamp	AT (autotest)
	12VDC	60 (6V, 12V)	54 (6V)	code chart	1XF (one head)	2 (double lamp)	selection	NC ⁴ (nickel-cadmium battery)
	24VDC	72 (6V)	90 (6V, 12V)	above	2XF (two heads)		on next page	TD ⁵ (time d
		120 (6V, 12V)	130 (12V)					WG (cast wireguard)
			100 (24V)					

NOTE 1: Freight not included for this item.

NOTE 2: Nickel-cadmium. Must select NC from options when selecting Ni-Cd.

NOTE 3: LED is available in single lamp only.

NOTE 4: NC (select wattage/voltage from Ni-Cd column).

NOTE 5: Must specify at time of order, 10 min standard.

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RXL COMBO

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■ emergency heads

The RXL series offer a variety of lamp and fixture combinations including multiple remote emergency lighting heads and/or exit signs. Each emergency lighting head can be configured with one or two fully adjustable lamp and reflector assemblies contained within.

■ specifications: electrical

BATTERY: The RXL is designed to be used with maintenance free, sealed valve regulated lead acid batteries that provide a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. The operating temperature is from 50°F to 104°F (10°C to 40°C).

CIRCUIT: The RXL series utilizes a high-efficiency two stage charger providing a fully automatic constant charging current 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 dust tight push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

■ specifications: mechanical

The RXL series housing is constructed from corrosion resistant, copper-free aluminum. Featuring a threaded cover that allows for trouble free installation and reduced maintenance time. External mounting feet provide simple and secure installation. Exact dimensions will vary depending on the unit configuration and rating classification.

■ autotest

The autotest system automatically performs one (5) minute discharge test monthly and two (90) minute discharge tests every 6 months, 24 hours apart. This tests both full battery and recharge capability as required by code. Information is communicated simply and intuitively to maintenance personnel via a single multi-color LED.

■ lamp selection

	6V	12V	24V
Composite Quartz (Q)	8W, 12W, 20W	8W, 12W, 20W	12W, 20W
LED (LED)	N/A	4W	4W

■ model rating guide

Model	Voltage	Wattage				Cabinet
		90min	120min	180min	240min	
RXL-6-36	6	36	27	18	14	
RXL-6-42	6	42	32	21	16	
RXL-6-54	6	54	41	27	20	
RXL-6-60	6	60	45	30	23	
RXL-6-72	6	72	54	36	27	
RXL-6-90	6	90	68	45	34	
RXL-6-120 ^[1]	6	120	90	60	45	
RXL-12-36	12	36	27	18	14	
RXL12-42	12	42	32	21	16	
RXL-12-60	12	60	45	30	23	
RXL-12-90	12	90	68	45	34	
RXL-12-120 ^[1]	12	120	90	60	45	
RXL-12-130	12	130	98	65	49	
RXL-24-100	24	100	75	50	38	

[1]NOTE: Not available for all Class and Division ratings. Contact factory for details.

■ warranty

The RXL comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

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