

Mechanical

Battery Construction: Polycarbonate
 Battery Top Construction: Polycarbonate with Black Rubber Overmold
 Cells: Lithium-Ion
 Battery Posts: Nickel Plated Brass

Electrical

Maximum Voltage: 4.2 VDC
 Nominal Voltage: 3.6 VDC
 Minimum Voltage: 2.5 VDC
 Capacity (nominal): 16 Amp-Hours
 Maximum Inrush Current (inductive): 6 Amps
 Maximum Steady State Current (resistive): 4.2 Amps



Operational / Environmental

Max Run Time with 1 Amp Load:

Temperature	Typical	Max
21° C / 70 ° F	16 Hours	19 Hours
10° C / 50 ° F	16 Hours	19 Hours
-1° C / 30 ° F	16 Hours	20 Hours

Minimum Ambient Temperature:

-10° C / 14 ° F

Maximum Ambient Temperature:

50° C / 122 ° F

Maximum Vibration Per MSHA CFR 30
 ASTP 2223:

1/16" P-P Amplitude, 30 Hz, 1 Hour

1/8" P-P Amplitude, 15 Hz, 1 Hour

Charging

Modular Charger AC Voltage Input 60Hz:

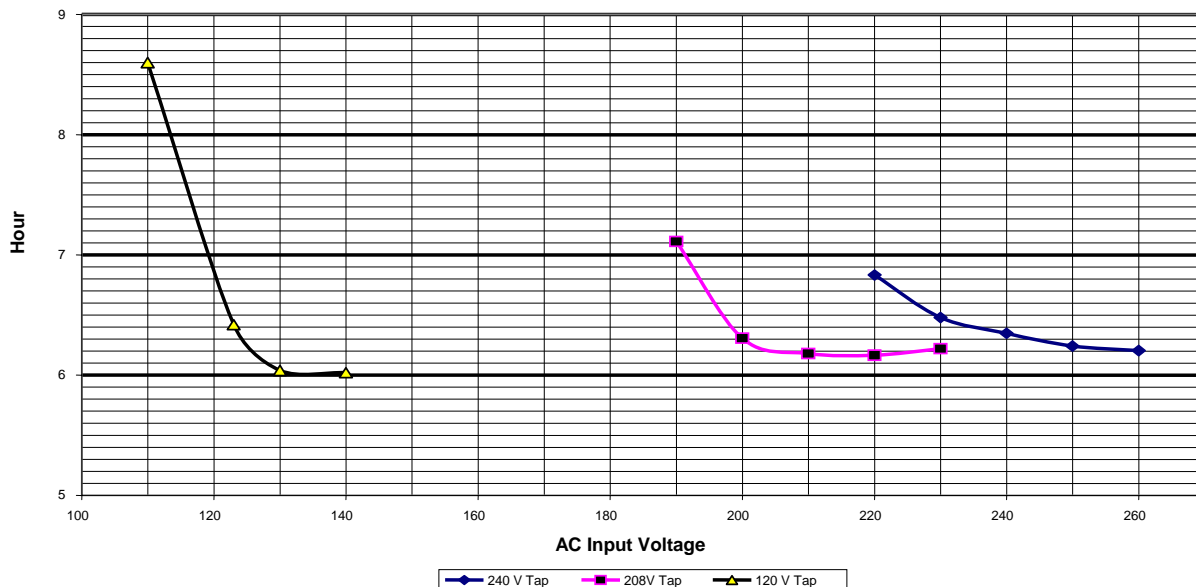
	120V Tap	208V Tap	240V Tap
Minimum	115 VAC	190 VAC	220 VAC
Nominal	123 VAC	208 VAC	240 VAC
Maximum	140 VAC	230 VAC	260 VAC

DC Input:

Minimum: 6VDC

Maximum: 10 VDC

Charge Time After 12 Hour Discharge



Light Output @ 1.2 Meters

<u>Caplamp</u>	<u>Fully Charged</u>	<u>After 8 Hour Continuous Discharge</u>
<u>LI-5100-G (Mark II)</u>	5186 Lux	3660 Lux
<u>LI-5200-G (Mark V)</u>	3843 Lux	2760 Lux
<u>LI-6400-G1D (Series E)</u>	1253 Lux	760 Lux

LI-5100-G (Mark II)

Specifications

Bulb/Lamp: (Xenon, w 2 filaments)

<u>Type</u>	<u>Volts</u>	<u>Current</u>	<u>Watts</u>
BM-30G	4.0	1.0A	4.0
BM-30M	4.0	.75A	3.0

Bulb/Lamp Life: 400 Hours (Two Filaments)

Light Output: 20,000 Beam Candlepower

Light output: 40 Lumens

Unit Dimensions (cord)

Length: 52 in. (132.1 cm)

Components

Cable: Thermal Plastic Rubber (TPR)

Headpiece: Molded Polycarbonate

Lens: Heat tempered glass

Reflector: High Purity Aluminum

Bezel: Polycarbonate (Red)

Unit Dimensions (headpiece)

Depth: 3.0 in. (7.6 cm)

Diameter: 3.1 in. (8.0 cm)

LI-5200-G (Mark V)

Specifications

Bulb/Lamp: (Xenon, w 2 filaments)

<u>Type</u>	<u>Volts</u>	<u>Current</u>	<u>Watts</u>
BM-30G	4.0	1.0A	4.0
BM-30M	4.0	.75A	3.0

Bulb/Lamp Life: 400 Hours (Two Filaments)

Light Output: 20,000 Beam Candlepower

Light output: 40 Lumens

Unit Dimensions (cord)

Length: 52 in. (132.1 cm)

Components:

Cable: Thermal Plastic Rubber (TPR)

Headpiece: Molded Polycarbonate

Lens: Heat tempered glass

Reflector: High Purity Aluminum

Bezel: Polycarbonate (Transparent Red)

Unit Dimensions (headpiece)

Depth: 2.8 in (7.0 cm)

Diameter: (7.6 cm)

LI-6400-G1D (Series E)

Specifications

Bulbs:

<u>Bulb</u>	<u>Volts</u>	<u>Current</u>	<u>Gas Fill</u>	<u>Rated Life</u>
Main	4.0	1.0A	Halogen	600Hr
Aux.	4.0	.5A	Argon	400Hr

Light Output Main Bulb: 20,000 BC

Light Output Main Bulb: 36 Lumens

Unit Dimensions (cord)

Length: 52 in. (132.1 cm)

Components:

Cable: Thermal Plastic Rubber (TPR)

Headpiece: Molded Polycarbonate

Lens: Heat tempered glass

Reflector: Polyetherimide

Bezel: Polycarbonate (Black)

Unit Dimensions (headpiece)

Depth: 2.9in. (7.3 cm)

Diameter: 3.4in. (8.6 cm)

