

Severe™ V Series

NEMA-4X, NSF, vandal-resistant housing 6V-18W & 12V up to 54W capacities
lead-calcium or nickel-cadmium battery



Housing

- Full gasketed NEMA-4X die-cast aluminium housing
- Vandal-resistant UV stabilized polycarbonate cover
- Comes with both Phillips head and tamper-proof screws
- IK10 impact resistance

Mounting

- Universal J-box mounting
- Strut or I-beam installation bracket sold separately (order catalog number: PMK-E)

Lamp type

- Choice of MR16 LED lamp voltages and wattages

Electronics

- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection
- Battery lockout
- Fused output circuit
- Magnetic test switch
- Standard **Improved Diagnostics (non-audible)**
- Standard 15 minutes time delay
- Optional Nexus®Pro IoT monitoring system
- Optional Nexus® wireless monitoring system
- 120/277 60Hz

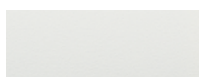
Photometric performance

Lamp	Spacing center-to-center (feet)	
	7 feet mounting height	15 feet mounting height
LD1	39'	34'
LD2	74'	57'
LD7	49'	39'
LD9	68'	54'
LD10	89'	80'

Housing color



Black



White



Gray

The Severe™ XV Series Family


 Severe™ XV
exit series
PG. 48-49

 Severe™ XV
combo series
PG. 50-51

 Severe™ ELF650
remote series
PG. 137

Choice of battery

- 6V or 12V Lead-calcium battery
- 12V Nickel-cadmium battery

Approvals

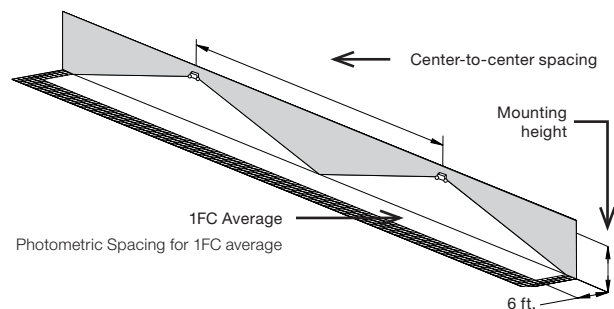
- UL 924 listed
- UL listed for wet and damp location 50°F to 104°F (10°C to 40°C)
- UL listed for cold weather option -40°F to 104°F (-40°C to 40°C)
- NSF certified for use in food processing plants
- NEMA-4X rated
- BC – California Energy Commission Title 20

Warranty (subject to proper installation and maintenance)

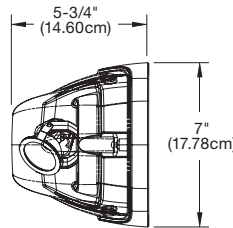
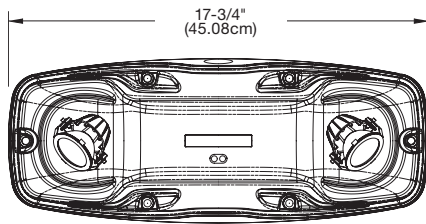
Unit: five year full warranty

Detailed warranty terms located on [page 197](#) or online at: www.lightalarms.com

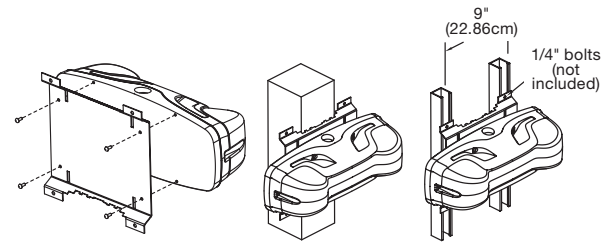

NEMA-4X

nexus Nexus®Pro


Dimensions (Dimensions are approximate and subject to change)



Universal mounting brackets



Power consumption & unit rating chart - non-CEC models

Series	Battery	Voltage	DC specs				AC specs		
			Battery capacity (in watts)				Units dual voltage ¹	Current maximum	Power maximum
			90 Mins	2 Hrs	3 Hrs	4 Hrs			
V12N1	Nickel-cadmium	12V	24	16	12	-	120VAC	0.2A	20W
V12N2		12V	40	30	20	15	277VAC	0.11A	20W

¹ All units 120/277 dual voltage, information based on wiring to specific voltage type

Power consumption & unit rating chart - CEC models

Series	Battery	Voltage	DC specs				AC specs		
			Battery capacity (in watts)				Units dual voltage ¹	Current maximum	Power maximum
			90 Mins	2 Hrs	3 Hrs	4 Hrs			
VG1	Lead-calcium	6V	18	12	-	-	120VAC 277VAC	0.2A 0.11A	20W 20W
V12G1		12V	24	16	12	-			
V12G2		12V	36	24	20	14			
V12G3		12V	54	36	27	20			
V12G1-CW4		12V	24	Note 2	-	-			
V12G2-CW4	12V	36	-		-	0.7A/4A	100W		

¹ All units 120/277 dual voltage, information based on wiring to specific voltage type

² Dependent on lower ambient temperatures

Accessories (Order as a separate item)

Description	Product code
Bit for tamper-proof screws	690.0454-L
Universal mounting bracket	PMK-L

Ordering format

# of heads	Series/capacity	Lamp type	Housing color	Diagnostics	Options	Approval
2= Two heads	Lead-calcium battery VG1= 6V-18W V12G1= 12V-24W V12G2= 12V-36W V12G3= 12V-54W Nickel-cadmium battery V12N1= 12V-24W V12N2= 12V-40W	MR16 LED Lamp LD1= 6V-4W LD2= 6V-5W LD7= 12V-4W LD9= 12V-5W LD10= 12V-6W	-B= Black -G= Gray -M= White	Standard Diagnostic -D= Improved Diagnostics, non-audible Optional Diagnostic -DA= Improved Diagnostics, audible NEXP= Nexus®Pro IoT ¹ NEXRF= Nexus® wireless ¹	Blank = No options -T3= Time delay (15 minute) -CW4= Cold weather -40°F to 104°F (-40°C to 40°C) ² -SMC= Surface ceiling mount	-CEC = CEC Title 20 for California ³

Example: 2V12G2/LD10-B-D-CW4

¹ Consult your sales representative

² -CW4 option only available with V12N1 (none Nexus®), V12G1 & V12G2 models

³ Available with lead-calcium models only