

EBST-2L/EBST-3L/ EBST12-2L STEEL BATTERY UNIT WAY2GO



The commercial EBST-2L, EBST-3L and EBST12-2L features a steel battery unit designed to provide efficient and reliable emergency lighting. Utilizing a sturdy all steel housing, our series presents a modern and unobtrusive design.

FEATURES & SPECIFICATIONS

CIRCUITRY




- 120/347V AC 60Hz input, field selectable
- High efficacy, rapid recovery, precision control charging system
- 6 V DC 36 W or 12 V DC 72 W emergency power output versions [as specified]
- Momentary push button test switch
- Diagnostic/pilot LED for AC ON and CHARGE
- Fully automatic, current limiter charger
- Line latched, low voltage protection
- Solid state design and construction
- Short circuit protection
- Brown out circuit monitors flow of AC current and will energize the battery unit with emergency power when reduction in power occurs
- Temperature compensated
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery
- Wire connexions provided for remote load

MECHANICAL

- 18 gauge steel construction
- 120V AC line cord installed
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Multiple conduit entry knockouts
- White powder coat finish
- PAR18 small style, high impact thermoplastic heads complete with high output optics
- LED heads with limited lifetime warranty¹

APPROVALS

- CSA Certified to C22.2 #141-15
- Meets requirements of ICES-005

OVERVIEW			
EBST-2L	- 6 V DC 36 W BATTERY CAPACITY - OVER 4 HOURS DURATION STANDALONE UNIT - 2 X 2 W CRISP WHITE LED HEADS WITH HIGH OUTPUT OPTICS	EBST12-2L	- 12 V DC 72 W BATTERY CAPACITY - OVER 8 HOURS DURATION STANDALONE UNIT - 2 X 2.5 W CRISP WHITE LED HEADS WITH HIGH OUTPUT OPTICS
	EBST-3L		- 6 V DC 36 W BATTERY CAPACITY - OVER 3 HOURS DURATION STANDALONE UNIT - 2 X 3 W CRISP WHITE LED HEADS WITH HIGH OUTPUT OPTICS
<div><div> LED</div><div> ICES 005</div><div> SPS®</div></div>			

¹ For complete warranty details, please see our terms and conditions in our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

EBST-2L/ EBST-3L/EBST12-2L

QUICK SHIP ORDERING GUIDE



PART NUMBER	DC VOLTS [V DC]	WATTS [W]	NBR OF HEADS	HEAD	LAMP [W]	LIGHT SOURCE	INPUT VOLTS [V CA]	COLOR
EBST-2L	6	36	2	RMSM	2	LED	120/347	White
EBST-3L	6	36	2	RMSM	3	LED	120/347	White
EBST12-2L	12	72	2	RMSM	2.5	LED	120/347	White

WIREGUARD

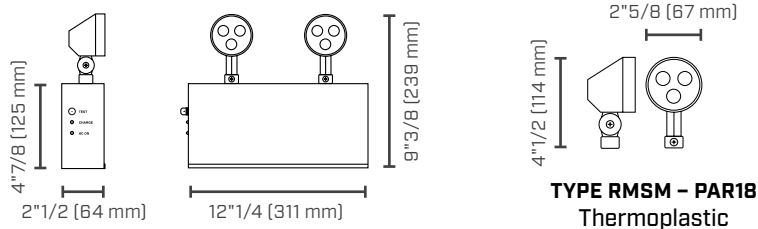
PART NUMBER	DIMENSIONS [IN]
WGD590-V2	16.75 x 17.75 x 6.5

MODEL RATING

MODEL	VOLTS [V]	WATTAGE CAPACITIES [W] ¹			
		30 MIN.	60 MIN.	90 MIN.	120 MIN.
EBST-2L	6	36	18	12	9
EBST-3L	6	36	18	12	9
EBST12-2L	12	72	36	24	18

¹ It is recommended to load battery pack 20% under their maximum load

DIMENSIONS

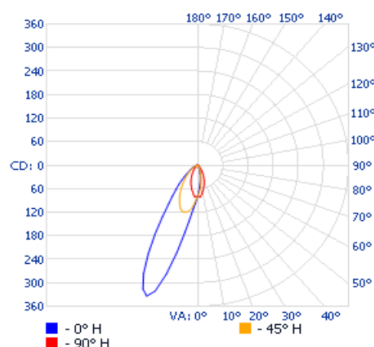


EBST-2L/ EBST-3L/EBST12-2L

PHOTOMETRIC DATA¹

PAR18-6V-2WLJ • 124.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	68.9	55.6%
0-40	93.3	75.3%
0-60	116.1	93.6%
60-90	7.9	6.4%
0-90	124.0	100%

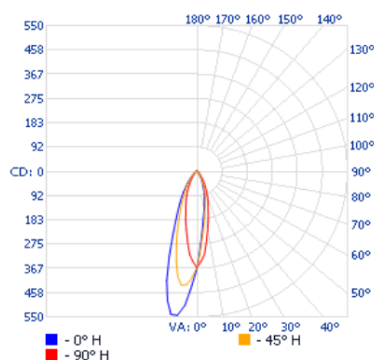
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	19.75	0.7'	0.8'
4.0'	4.94	1.5'	1.6'
6.0'	2.19	2.2'	2.4'
8.0'	1.23	3.0'	3.2'
10.0'	0.79	3.7'	4.1'

■ Vert. Spread: 21.2° ■ Hor. Spread: 22.9°

PAR18-12V-2.5WLJ • 183.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	130.8	71.3%
0-40	156.1	85.1%
0-60	175.8	95.8%
60-90	7.6	4.2%
0-90	183.5	100%

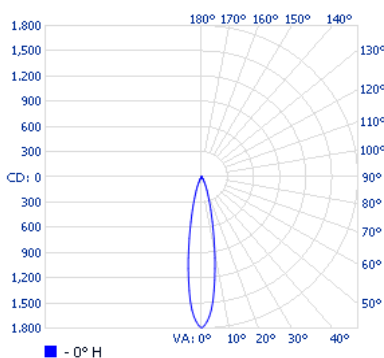
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	90.8	0.8'	0.8'
4.0'	22.7	1.6'	1.6'
6.0'	10.1	2.4'	2.4'
8.0'	5.7	3.2'	3.2'
10.0'	3.6	4.0'	4.0'

■ Vert. Spread: 22.4° ■ Hor. Spread: 22.7°

PAR18-12V-3WLJ • 309.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	282.9	91.6%
0-40	297.5	96.3%
0-60	306.9	99.3%
60-90	2.1	0.7%
70-100	0.3	0.1%
90-120	0	0%
0-90	309.0	100%
90-180	0	0%
0-180	309.0	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	622	0.6'	
3.3'	165	1.1'	
5.0'	71.8	1.7'	
6.7'	40.0	2.3'	
8.3'	26.1	2.8'	
10.0'	18.0	3.4'	

■ Vert. Spread: 19.3°

¹ Complete IES files available on our website.