



## SB203: 3 MILE MARINE LIGHT

Model	SB203
Range @ 12.5% duty cycle	3 Miles
Intensity @ 12.5% duty cycle	16 Candela minimum
Number of LED's	16 high intensity 100,000 hour life
Uniformity of Output	+20% in the Horizontal Plane, 360 degrees
Vertical Divergence	7 degrees in the Vertical Plane
Daylight Control	Programmable, default set to 350 on / 250 off (Lux)
Flash Patterns	All IALA flash patterns plus any user defined patterns
Autonomy	14 days on full charge, extreme overcast
Charge Indication	One quick flash every 15 sec. to indicate charging, double flash when fully charged
High Voltage Cut-off	Standard, prevents heat build-up when batteries fully charged
Low Voltage Battery Protection	Standard, goes into 24 hour Sunswitch mode to reset
24 hour Sunswitch	Standard, to prevent wasting power when shipped, automatically resets
On/Off Switch	Optional
External Charge Capable	Standard, accepts any 6-16 VDC source on the underside lugs
Remote on/off	Standard, can accept RF or cable controlled switching
Synchronization	Standard, can be synchronized via cable or GPS system
Flash Timing Variance	1%
Life Expectancy	5 years
Temperature Range	-40 to +60 Celsius
Waterproof	30 feet
Weight	8 lbs without solar panel
Solar Panel	Crystalline 14% efficiency, 5 Watt
Minimum Sunlight	1.5 hours
EMI Immunity	Radar, VHF, RF and Static Discharge
Replaceable Lens & Solar Panel	Standard screw on lens
NOTE:	Specifications subject to change.

**COMING SOON!**

**Advance Orders Now Being Accepted.**

MANUFACTURED BY:

November 2001



**EB ENGINEERING LTD.**

11296 Chalet Road  
Sidney, BC, Canada V8L 5M1

Tel: 250 655-9688  
Fax: 250 655-9699

[www.ebengineering.com](http://www.ebengineering.com)  
[info@ebengineering.com](mailto:info@ebengineering.com)

© 2001