

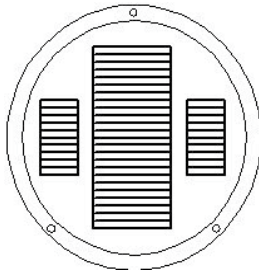
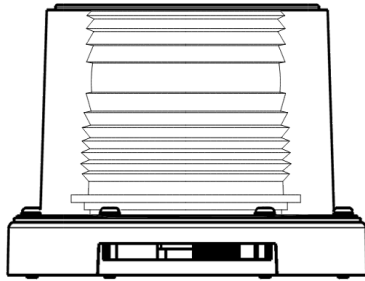


# McDermott Light & Signal

## TOPHAT SERIES

Our Tophat series of rugged, waterproof marine solar lights are navigation lights with unlimited multi-purpose applications.

It has a built-in daylight switch and is available in red, green, blue, amber, and white. Standard flash patterns available as well as IALA flash patterns.



FLATP Mounting:  
3 Holes  
120 degrees  
on dia. of 7 3/4"

### SPECIFICATIONS:

**Range:** 1 - 3 miles available

**Battery Life:** Average of 4 years

**LED Life Span:** 100,000 hours; recommended service life of 10 years

**Material:** High-impact polycarbonate

**Power Supply:** NI-MH battery pack; replace after 4 years or when needed

**Weight:** 2 lbs.

**Dimensions:** 7" (MAG), 7 3/4" Dia. (FLATP) x 5" H

**Mount:** FLATP (3 hole mounting), Magnetic or Pipe

**Autonomy:** 10 nights without sun

**Flash Rates:** 10, 15, 30, 60 FPM or steady;  
Any of the IALA flash codes

**Chromaticity:** Meets IALA and 33CFR Subpart 66

### FLASH RATES (effective intensity in candelas)

MOUNT	CONFIG	MODE	*RANGE (NAUTICAL MILES)	FLUX	INTENSITY (CANDELA)	60FPM (.15s)	30FPM (.3s)	CUSTOM 1s	COLOR
PIPE FLATP MAG	-6L4V	STEADY	2 Mi	0.02	4.1	N/A	N/A	N/A	CLEAR
		FLASHING	2 Mi/ 3Mi	0.08	16.2	7.1	9.7	13.4	
		FLASHING	2 Mi	0.12	23.8	10.4	14.2	19.7	
PIPE FLATP MAG	-6L4V	STEADY	2 Mi	0.02	3.9	N/A	N/A	N/A	GREEN
		FLASHING	2 Mi	0.08	11.3	4.9	6.7	9.3	
		FLASHING	2 Mi/ 3Mi	0.12	15	6.6	9	12.4	
PIPE FLATP MAG	-6L4V	STEADY	2 Mi	0.02	1.1	N/A	N/A	N/A	BLUE
		FLASHING	2 Mi	0.08	4	1.7	2.4	3.3	
		FLASHING	2 Mi	0.12	5.4	2.3	3.2	4.4	
PIPE FLATP MAG	-6L5V	STEADY	2 Mi	0.02	3.2	N/A	N/A	N/A	RED
		FLASHING	2 Mi	0.08	12.9	5.6	7.7	10.7	
		FLASHING	2 Mi/ 3Mi	0.12	20.3	8.9	12.1	16.8	
PIPE FLATP MAG	-6L5V	STEADY	2 Mi	0.02	4.1	N/A	N/A	N/A	AMBER
		FLASHING	2 Mi/ 3Mi	0.08	15.3	6.7	9.1	12.6	
		FLASHING	2 Mi/ 3Mi	0.12	18.9	8.3	11.3	15.6	

\* From USCG Aids to Navigation Visual Signal Design Manual- Chapter 5 Table of Standard Data and per 33 CFR 66.01-11 (PATON lights)

Visibility ranges: 1nm requires 1 min. candela, 2nm requires 3 min. candelas, 3nm requires 10 min. candelas.

PLEASE NOTE: The District Commander may change requirements for minimum intensity to account for local environmental conditions

TOPHAT



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