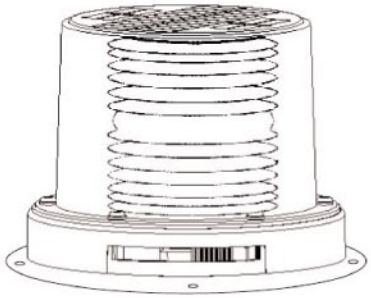
McDermott Light & Signal

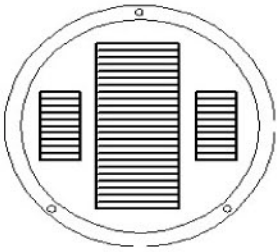
TOPHAT SERIES

Our Tophat series of rugged, waterproof marine solar lights are a perfect solution for many maritime applications.
They have a built-in daylight switch and are available in red, green, blue, amber and white.
Standard flash patterns are available as well as IALA flash patterns.

TOPHAT-FLATP



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



SPECIFICATIONS:

Range:	1-3 miles available
Battery Life:	4-6 years
Lamp Life:	100,000 hours, recommended service life 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 Also any of the IALA flash codes
Chromaticity:	Meets IALA and 33CFR Subpart 66

FLASH RATES (effective intensity in candelas)

	MOUNT	LED CONFIG.	MODE	*RANGE (Nautical Miles)	FLUX	INTENSITY (candela)	60FPM (.15s)	30FPM (.3s)	Custom (1s)	COLOR
TOPHAT-	(PIPE) (FLATP) (MAG)	-6L4V	STEADY	2 Mi	.02	4.1	N/A	N/A	N/A	CLEAR
			FLASHING	2 Mi/3 Mi	.08	16.2	7.1	9.7	13.4	
			FLASHING	2Mi/3 Mi	.12	23.8	10.4	14.2	19.7	
TOPHAT-	" " "	-6L4V	STEADY	2 Mi	.02	3.9	N/A	N/A	N/A	GREEN
			FLASHING	2 Mi	.08	11.3	4.9	6.7	9.3	
			FLASHING	2 Mi/3 Mi	.12	15.0	6.6	9	12.4	
TOPHAT-	" " "	-6L4V	STEADY	1 Mi	.02	1.1	N/A	N/A	N/A	BLUE
			FLASHING	1 Mi/2 Mi	.08	4.0	1.7	2.4	3.3	
			FLASHING	1Mi/2 Mi	.12	5.4	2.3	3.2	4.4	
TOPHAT-	" " "	-6L5V	STEADY	2 Mi	.02	3.2	N/A	N/A	N/A	RED
			FLASHING	2 Mi	.08	12.9	5.6	7.7	10.7	
			FLASHING	2 Mi/3 Mi	.12	20.3	8.9	12.1	16.8	
TOPHAT-	" " "	-6L5V	STEADY	2 Mi	.02	4.1	N/A	N/A	N/A	AMBER
			FLASHING	2 Mi/3 Mi	.08	15.3	6.7	9.1	12.6	
			FLASHING	2Mi/3 Mi	.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 the requirements for minimum intensity to account for local environmental conditions.

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