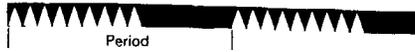
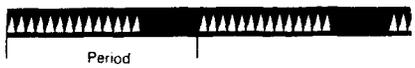
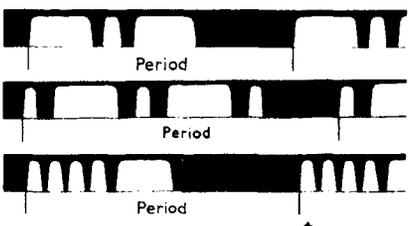
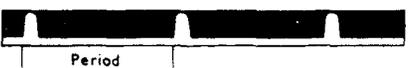


# Graphic Representation of Light Characteristics from Admiralty List of Lights

## Light Characters

Class of Light	Character	General Description	Abbreviation	Illustration
<b>A—FIXED</b>	Fixed	A light showing continuously and steadily.	FW	
<b>B—RHYTHMIC</b>				
A rhythmic light is a light showing intermittently with a regular periodicity. The rhythmic character of a light is the regular periodic rhythm presented by the light.				
<b>1—Occulting and Group occulting</b>				
	(a) Occulting	An occulting light in which an eclipse is regularly repeated.	OcW	
	(b) Group occulting	An occulting light in which a group of eclipses, specified in number, is regularly repeated. The total duration of light in each period may be equal to the total duration of darkness.	Oc(2)W	
	(c) Composite Group occulting	A light similar to a group-occulting light except that successive groups in a period have different numbers of eclipses. The total duration of light in each period may be equal to the total duration of darkness.	Oc(3 + 4)W	
<b>2—Isophase</b>				
	Isophase	A light in which all the durations of light and darkness are clearly equal.	IsoW	
<b>3—Flashing and Group Flashing</b>				
	(a) Flashing	A flashing light in which a flash is regularly repeated (at a rate of less than 50 flashes per minute).	FIW	
	(b) Long flashing	A single-flashing light in which an appearance of light of not less than 2s duration (long flash) is regularly repeated.	LFIW	
	(c) Group flashing	A flashing light in which a group of flashes, specified in number, is regularly repeated.	Fl(3)W	
	(d) Composite Group flashing	A light similar to a group-flashing light except that successive groups in a period have different numbers of flashes.	Fl(3 + 2)W	
<b>4—Quick lights</b>				
	(a) Quick	A light in which flashes are repeated at a rate of not less than 50 flashes per minute but less than 80 flashes per minute.	QW	

Class of Light	Character	General Description	Abbreviation	Illustration
	(b) Group quick	A quick light in which a specified group is regularly repeated.  <i>See note on page xiv.</i>	Q(9)W	
	(c) Interrupted quick	A quick light in which the sequence of flashes is interrupted by regular repeated eclipses of constant and long duration.	Q(6) + LFIW IQW	
<b>5—Very quick lights</b>		A light in which flashes are repeated at a rate of not less than 80 flashes per minute but less than 160 flashes per minute.		
	(a) Very quick	A very quick light in which a flash is regularly repeated.	VQW	
	(b) Group very quick	A very quick light in which a specified group of flashes is regularly repeated.	VQ(3)W	
	(c) Interrupted very quick	A very quick light in which the sequence of flashes is interrupted by regularly repeated eclipses of constant and long duration.	IVQW	
<b>6—Ultra quick lights</b>		A light in which flashes are repeated at a rate of not less than 160 flashes per minute.		
	(a) Ultra quick	An ultra quick light in which a flash is regularly repeated.	UQW	
	(b) Interrupted ultra quick	An ultra quick light in which the sequence of flashes is interrupted by eclipses of long duration.	IUQW	
<b>7—Morse Code</b>	Morse Code	A light in which appearances of light of two clearly different durations are grouped to represent a character or characters in the Morse Code.	Mo(K)W Mo(AR)W Mo(4)W	
<b>8—Fixed and Flashing</b>		A light in which a fixed light is combined with a flashing light of higher luminous intensity.		
	(a) Fixed and Flashing	A fixed light varied, at regular intervals, by a single flash of higher luminous intensity.	FFIW	
	(b) Fixed and group flashing	A fixed light varied, at regular intervals, by a group of two or more flashes of higher luminous intensity.	FFI(2)W	
<b>C—ALTERNATING</b>		A light showing different colours alternately.		
<b>1—Alternating</b>	Alternating	A continuous steady light which shows a change of colour.	AIWGR	
<b>2—Flashing and Group flashing</b>	(a) Alternating	See C1 and B3	AIFIWR	

Class of Light	Character	General Description	Abbreviation	Illustration
	(b) Alternating group flashing	See C1 and B3	AIFIRW	
			AIFIWRR	
3—Occulting and Group occulting	(a) Alternating occulting	See C1 and B1	AIOcWR	
	(b) Alternating group occulting	See C1 and B1	AIOcWGR	
4—Fixed and flashing and Fixed and group flashing	(a) Alternating fixed and flashing	See C1, A and B3	AIFWFIR	
			AIFWFIRG	
	(b) Alternating fixed and group flashing	See C1, A and B3	AIFWFI(3)G	
	(c) Alternating fixed and composite group flashing	See C1, A and B3	AIFWFIWRR	

**NOTE:** The group flashing light (6)+LFIW is an exceptional light character reserved for use in IALA Buoyage System to indicate a South Cardinal mark