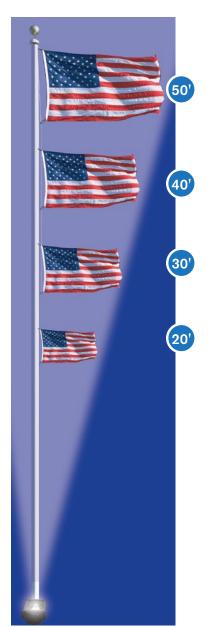
FLAG LIGHTING GUIDE



U.S. flags must be illuminated when flown at night. Visibility is dependent on the relative positions of the luminaire, flag, and viewer, as well as on ambient light levels and contrast ratios with respect to other objects in the field of view. These rules of thumb should result in a satisfactory installation, regardless of the many variables involved.

- 1. Always use multiple luminaires to ensure flag is adequately illuminated, regardless of wind direction. Two per flag is good and three per flag is better.
- 2. Three luminaires in a triangular pattern produce the best effect.
- 3. Inground fixtures should be setback from the pole one-third to one-half the length of the flag. Floodlights may be setback from the pole one-half to one full pole length.

Light levels shown below are average maintained footcandles from a single luminaire.



Pole Height	Flag Size	Fixture Setback	Single Fixture Levels*	Catalog Number	Watts
LED Light	Source				
Inground					
20'	3' x 5'	3'	7	XIG-LED-19-350-CW-UE-FL40	22
20'	3' x 5'	3'	16	XIG-LED-19-350-CW-UE-NFL25	23
30'	5' x 8'	4'	7	XIG-LED-19-350-CW-UE-NFL25	23
30'	5' x 8'	4'	14	XIG-LED-19-350-CW-UE-SP10	22
40'	6' x 10'	5'	8	XIG-LED-19-350-CW-UE-SP10	22
50'	8' x 12'	6'	6	XIG-LED-19-350-CW-UE-SP10	22
Flood**					
20'	3' x 5'	3'	17	XFLM-MF-LED-28-HO-CW-UE	36
30'	5' x 8'	4'	7	XFLM-MF-LED-28-HO-CW-UE	36
30'	5' x 8'	4'	12	XFLM-NF-LED-28-HO-CW-UE	36
30'	5' x 8'	4'	23	XFLM-SP-LED-28-HO-CW-UE	36
40'	6' x 10'	5'	13	XFLM-SP-LED-28-HO-CW-UE	36
50'	8' x 12'	6'	8	XFLM-SP-LED-28-HO-CW-UE	36
30'	5' x 8'	4'	18	XFLM-NF-LED-49-HO-CW-UE	64
40'	6' x 10'	5' 6'	19 13	XFLM-SP-LED-49-HO-CW-UE	64
HID Light	Source				
Inground					
20'	3' x 5'	3'	4	RDS-100MH-120-SPV	129
30'	5' x 8'	4'	3	RDS-100MH-120-SPV	129
40'	6' x 10'	5'	5	RDB-150MH-120-SPV	185
50'	8' x 12'	6'	4	RDB-150MH-120-SPV	185
Bullets					
	01 51	10'	6	BAL-SP/C BM-150MH-SCB	185
20'	3' x 5'	10			
20' 30'	5' x 8'	15'	3	BAL-SP/C BM-150MH-SCB	185
30' 40'		15' 20'	2	BAL-SP/C BM-150MH-SCB	185 185
30'	5' x 8'	15'			
30' 40'	5' x 8' 6' x 10'	15' 20'	2	BAL-SP/C BM-150MH-SCB	185
30' 40' 50'	5' x 8' 6' x 10' 8' x 12'	15' 20'	2 5 4	BAL-SP/C BM-150MH-SCB	185
30' 40' 50' Floods 20' 30'	5' x 8' 6' x 10' 8' x 12' 3' x 5' 5' x 8'	15' 20' 25'	2 5 4 3	BAL-SP/C BM-150MH-SCB BAL-SP/C BM-150MH-SCB	185 185
30' 40' 50' Floods 20'	5' x 8' 6' x 10' 8' x 12'	15' 20' 25'	2 5 4	BAL-SP/C BM-150MH-SCB BAL-SP/C BM-150MH-SCB DRS-100MH-MT-SP-BRZ	185 185 129



Project Name ______ Fixture Type ______

Catalog #_____