





# MSP555

sirius® lighting  
BETA AB DS Surface Mount LED Fixtures

Catalog No. \_\_\_\_\_

Type \_\_\_\_\_

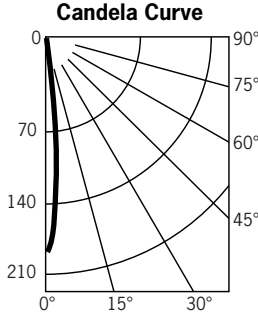
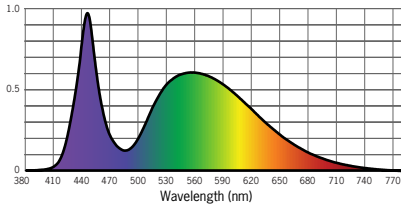
Project \_\_\_\_\_

## Photometrics

### MSP555716

Designed for 50,000 Hour Lamp Life\*; LM-79 Test No. 65195

Light Output (Fixture Lumens): 13  
Total Watts@120V: 2.1  
Lumens Per Watt: 7  
Color Rendering Index (CRI)<sup>1</sup>: 80  
Color Temperature (CCT)<sup>2</sup>: 5500K Cool White  
Spectral Power Distribution Chart<sup>3</sup>



FROM 0	CANDELA	LUMENS
0	192	
5	101	7
15	15	4
25	2	0
35	1	0
45	0	0
55	0	0
65	0	0
75	0	0
85	0	0
95	0	

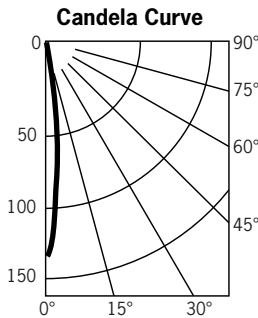
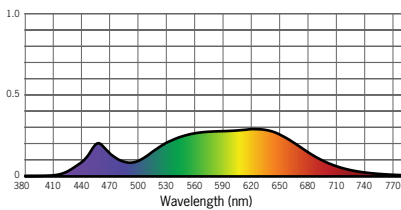
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	5.3	1.1
8'	3.0	1.5
10'	1.9	1.8
12'	1.3	2.2
14'	1.0	2.6
16'	0.7	2.9

Beam Distribution: 11°

### MSP555766

Designed for 50,000 Hour Lamp Life\*; LM-79 Test No. 65493

Light Output (Fixture Lumens): 16  
Total Watts@120V: 2.3  
Lumens Per Watt: 7  
Color Rendering Index (CRI)<sup>1</sup>: 87  
Color Temperature (CCT)<sup>2</sup>: 3400K Warm White  
Spectral Power Distribution Chart<sup>3</sup>



FROM 0	CANDELA	LUMENS
0	134	
5	77	6
15	19	6
25	5	2
35	2	1
45	1	1
55	0	0
65	0	0
75	0	0
85	0	0
95	0	

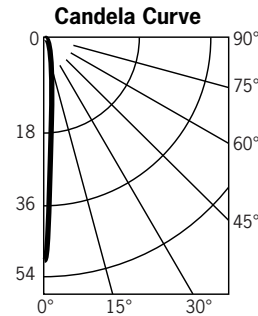
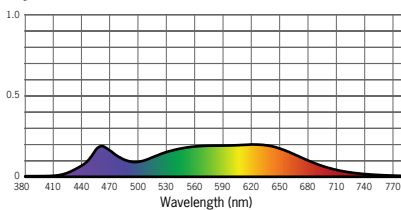
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	3.7	1.2
8'	2.1	1.6
10'	1.3	2.0
12'	0.9	2.4
14'	0.7	2.8
16'	0.5	3.2

Beam Distribution: 12°

### MSP555767

Designed for 50,000 Hour Lamp Life\*; LM-79 Test No. 65196

Light Output (Fixture Lumens): 7  
Total Watts@120V: 2.1  
Lumens Per Watt: 3  
Color Rendering Index (CRI)<sup>1</sup>: 91  
Color Temperature (CCT)<sup>2</sup>: 3900K Warm White  
Spectral Power Distribution Chart<sup>3</sup>



FROM 0	CANDELA	LUMENS
0	51	
5	23	1
15	7	1
25	3	1
35	1	0
45	0	0
55	0	0
65	0	0
75	0	0
85	0	0
90	0	

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	1.4	0.9
8'	0.8	1.2
10'	0.5	1.5
12'	0.4	1.9
14'	0.3	2.2
16'	0.2	2.5

Beam Distribution: 9°

1. Accuracy of rendering colors  
2. Color appearance of light source  
3. Colors present within the light source

\*Dependent on surrounding temperatures