

**TYPE C GONIOPHOTOMETER DISTRIBUTION TESTING**

**REPORT NO. 104448656CRT-001**

Test Configuration	Tested Model No.	Pass/Fail/NA
10	FZ-30W-C-B 25 DEG with Trim	NA

Product Description:	High Bay Luminaire
LED Model No.:	Not Provided
Driver Model No.:	Not Provided
Light Source:	LED

PHOTOMETRIC AND ELECTRICAL MEASUREMENTS (25°C +/- 1°C)

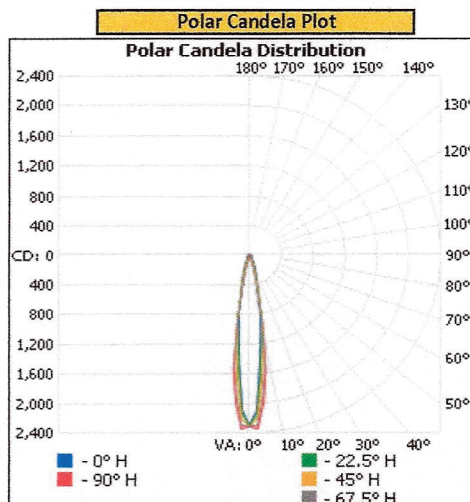
Base Orientation	Input Voltage (Vac)	Input Current (mA)	Input Power (W)	Input Power Factor ( )
Up	120.08	252.8	29.81	0.982
	208.08	146.9	29.86	0.977
	240.01	131.6	30.04	0.951
	277.04	122.0	30.28	0.896

Light Output (lm)	Lumen Efficacy (lm/W)
300.1	10.1

INTENSITY SUMMARY - CANDELA

Angle	0	22.5	45	67.5	90
0	2301	2301	2301	2301	2301
5	1493	1543	1703	1905	1999
10	773	830	891	900	901
15	327	310	260	216	201
20	170	159	75	39	32
25	75	72	22	40	68
30	34	28	16	37	51
35	26	20	18	28	34
40	23	18	16	22	26
45	19	16	15	18	19
50	16	14	14	15	15
55	13	12	12	13	13
60	11	11	10	11	11
65	9	8	8	9	9
70	6	6	6	6	6
75	4	4	4	4	4
80	2	2	2	2	2
85	0	0	0	0	0
90	0	0	0	0	0
95	0	0	0	0	0
100	0	0	0	0	0
105	0	0	0	0	0
110	0	0	0	0	0
115	0	0	0	0	0
120	0	0	0	0	0
125	0	0	0	0	0
130	0	0	0	0	0
135	0	0	0	0	0
140	0	0	0	0	0
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

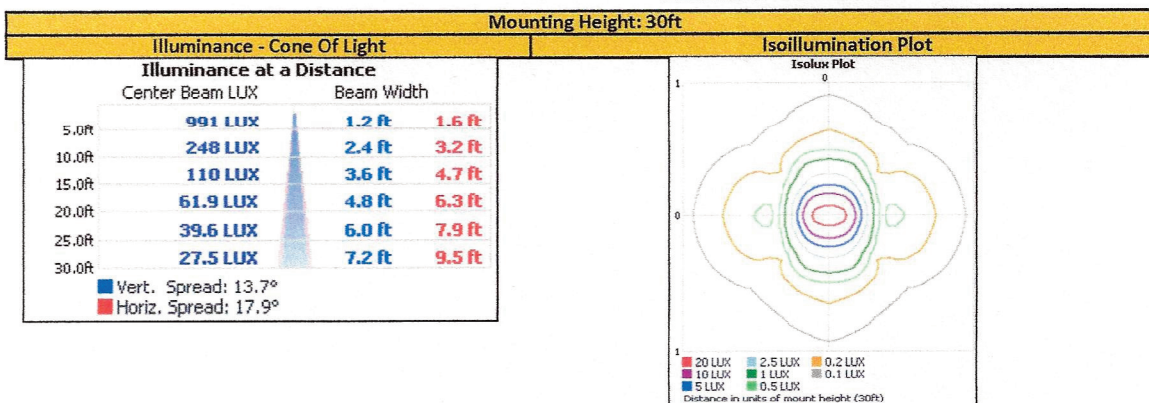
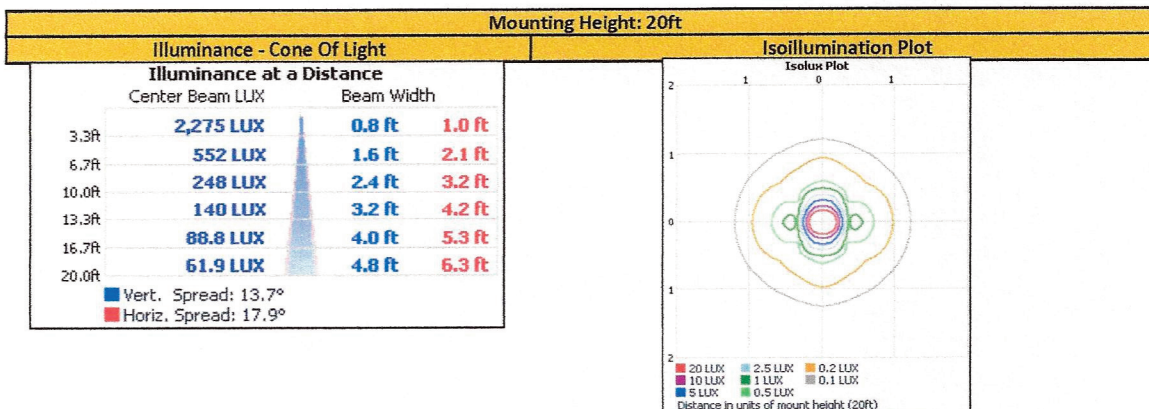
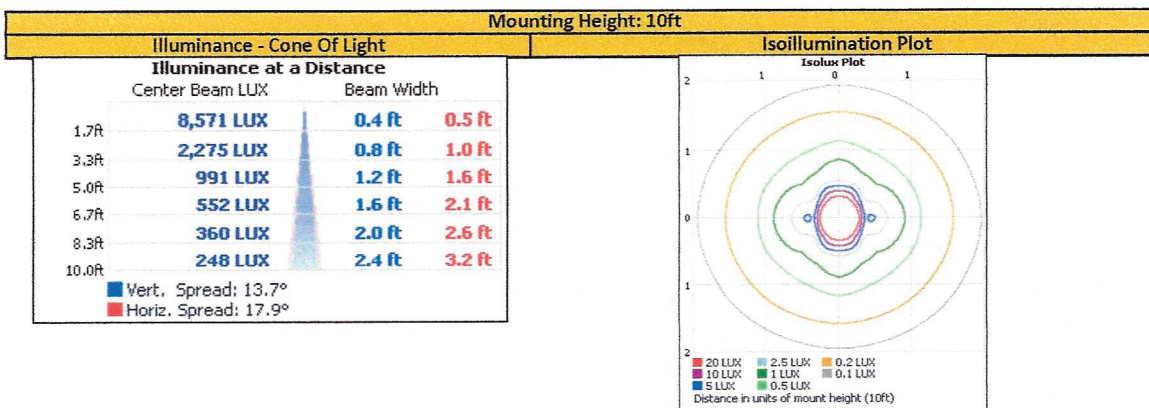
Entire luminous intensity matrix found in .IES file



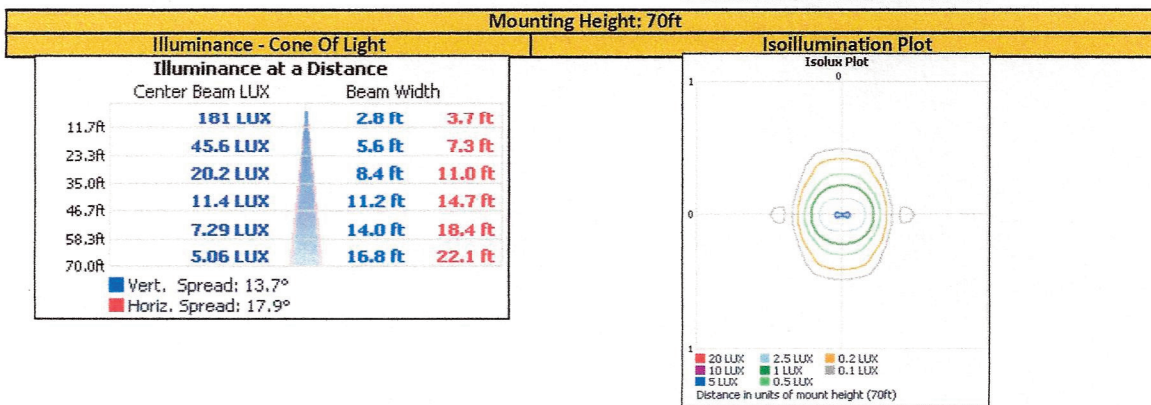
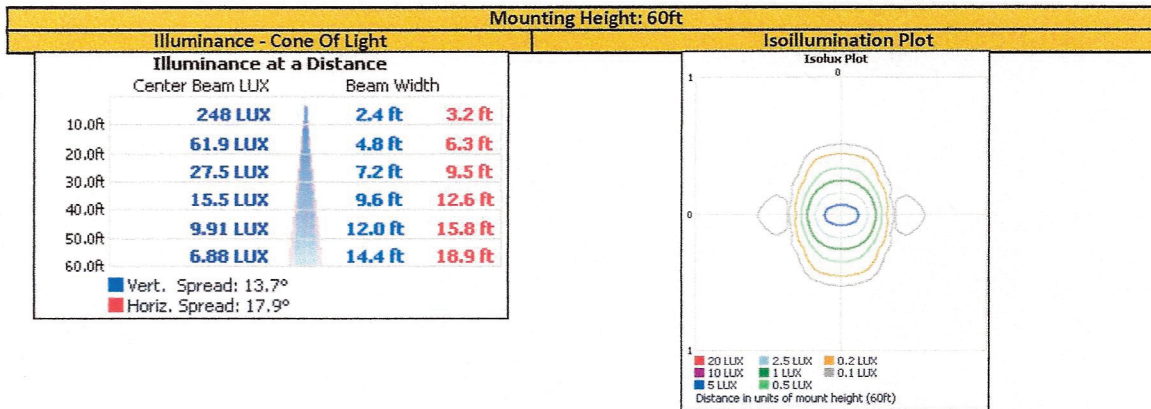
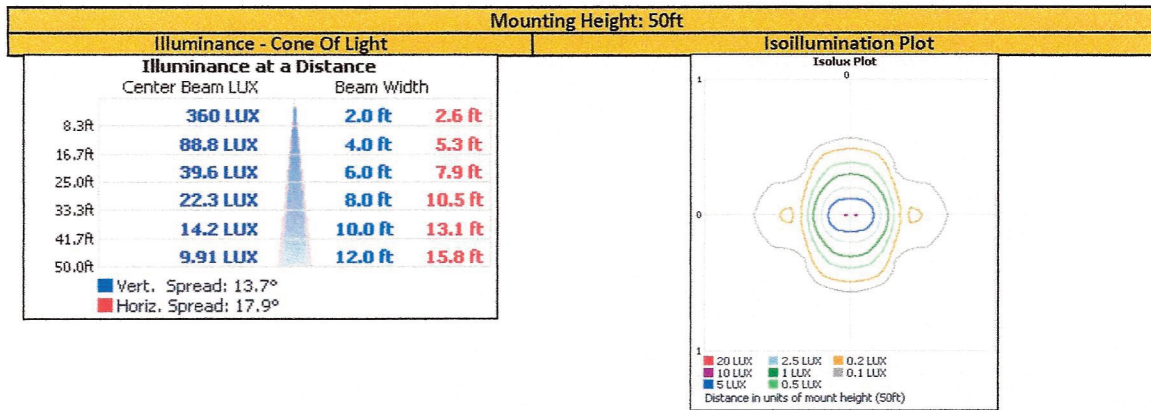
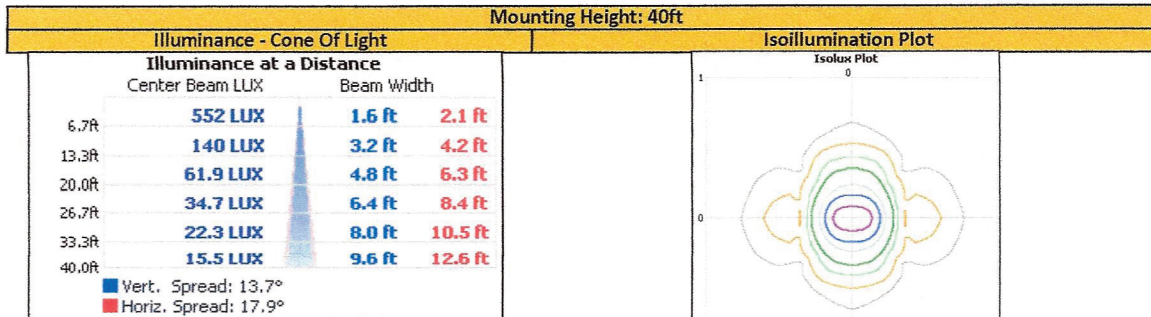
ILLUMINANCE SUMMARY

ZONAL LUMENS

Zonal Lumen Summary					
Zone	Lumens	Luminaire	Zone	Lumens	Total
0-30	247.1	82.3%	0-10	137.0	45.6%
0-40	262.3	87.4%	10-20	85.4	28.4%
0-60	286.7	95.5%	20-30	24.7	8.2%
60-90	13.4	4.5%	30-40	15.2	5.1%
70-100	5.0	1.7%	40-50	13.1	4.4%
90-120	0.0	0.0%	50-60	11.3	3.8%
0-90	300.1	100.0%	60-70	8.4	2.8%
90-180	0.0	0.0%	70-80	4.4	1.5%
0-180	300.1	100.0%	80-90	0.6	0.2%
			90-100	0.0	0.0%
			100-110	0.0	0.0%
			110-120	0.0	0.0%
			120-130	0.0	0.0%
			130-140	0.0	0.0%
			140-150	0.0	0.0%
			150-160	0.0	0.0%
			160-170	0.0	0.0%
			170-180	0.0	0.0%



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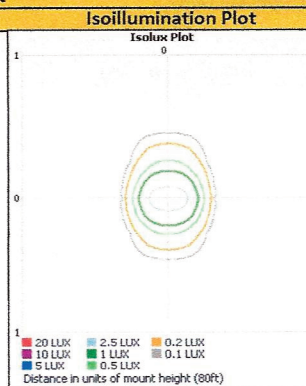
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**Mounting Height: 80ft**

**Illuminance - Cone Of Light**

Illuminance at a Distance		
Center Beam LUX	Beam Width	
13.3ft	140 LUX	3.2 ft 4.2 ft
26.7ft	34.7 LUX	6.4 ft 8.4 ft
40.0ft	15.5 LUX	9.6 ft 12.6 ft
53.3ft	8.72 LUX	12.8 ft 16.8 ft
66.7ft	5.57 LUX	16.0 ft 21.0 ft
80.0ft	3.87 LUX	19.2 ft 25.2 ft

■ Vert. Spread: 13.7°  
■ Horiz. Spread: 17.9°

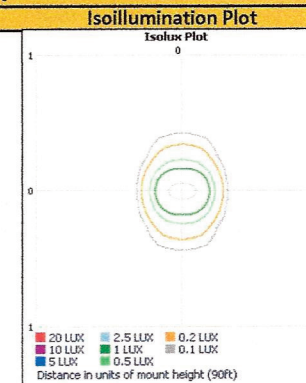


**Mounting Height: 90ft**

**Illuminance - Cone Of Light**

Illuminance at a Distance		
Center Beam LUX	Beam Width	
15.0ft	110 LUX	3.6 ft 4.7 ft
30.0ft	27.5 LUX	7.2 ft 9.5 ft
45.0ft	12.2 LUX	10.8 ft 14.2 ft
60.0ft	6.88 LUX	14.4 ft 18.9 ft
75.0ft	4.40 LUX	18.0 ft 23.6 ft
90.0ft	3.06 LUX	21.6 ft 28.4 ft

■ Vert. Spread: 13.7°  
■ Horiz. Spread: 17.9°

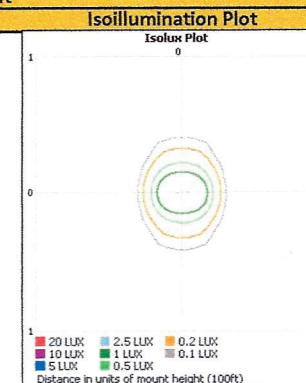


**Mounting Height: 100ft**

**Illuminance - Cone Of Light**

Illuminance at a Distance		
Center Beam LUX	Beam Width	
16.7ft	88.8 LUX	4.0 ft 5.3 ft
33.3ft	22.3 LUX	8.0 ft 10.5 ft
50.0ft	9.91 LUX	12.0 ft 15.8 ft
66.7ft	5.57 LUX	16.0 ft 21.0 ft
83.3ft	3.57 LUX	20.0 ft 26.2 ft
100.0ft	2.48 LUX	24.0 ft 31.5 ft

■ Vert. Spread: 13.7°  
■ Horiz. Spread: 17.9°

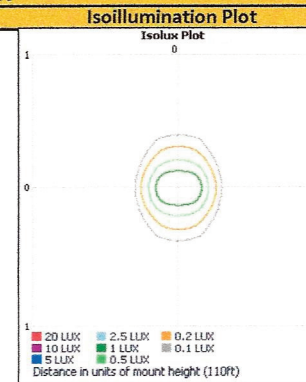


**Mounting Height: 110ft**

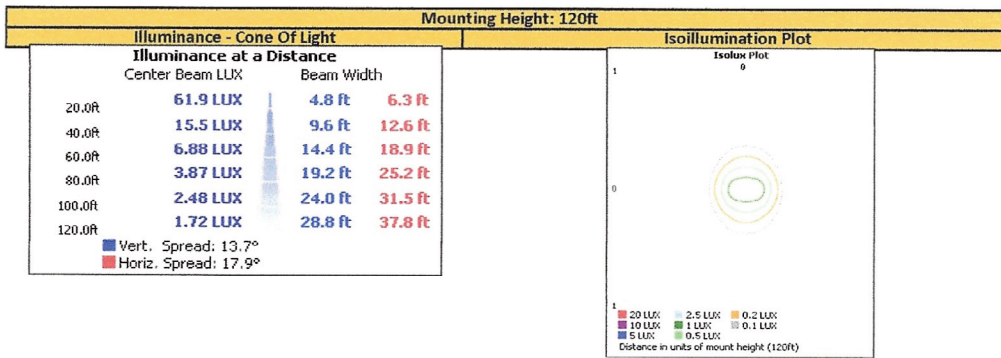
**Illuminance - Cone Of Light**

Illuminance at a Distance		
Center Beam LUX	Beam Width	
18.3ft	74.0 LUX	4.4 ft 5.8 ft
36.7ft	18.4 LUX	8.8 ft 11.6 ft
55.0ft	8.19 LUX	13.2 ft 17.3 ft
73.3ft	4.61 LUX	17.6 ft 23.1 ft
91.7ft	2.95 LUX	22.0 ft 28.9 ft
110.0ft	2.05 LUX	26.4 ft 34.7 ft

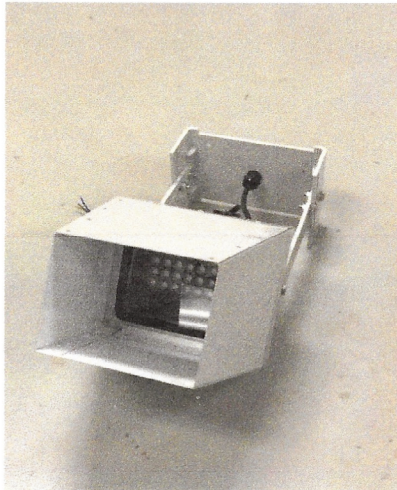
■ Vert. Spread: 13.7°  
■ Horiz. Spread: 17.9°



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IMAGE



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## Product Description

**Company:** AMERCAN BUSINESS CORPORATION

**Product Information:** Trade Name(s): ABC123LEDS.

LED Fixed Luminaires, Model Nos. FZ-15W may be followed by -C; followed by -2000K, -2200K, -2700K, -3000K, -3500K, -4000K, -4500K, -5000K, -5500K, -5700K, -6000K, -6500K, -G, -B, -R, -Y or -A. FZ-30W may be followed by -C; followed by -2000K, -2200K, -2700K, -3000K, -3500K, -4000K, -4500K, -5000K, -5500K, -5700K, -6000K, -6500K, -G, -B, -R, -Y or -A. FZ-60W may be followed by -C; followed by -2000K, -2200K, -2700K, -3000K, -3500K, -4000K, -4500K, -5000K, -5500K, -5700K, -6000K, -6500K, -G, -B, -R, -Y or -A.

**Evaluated to the following:** A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Luminaires (UL-1598) and are identified with the ETL Listed Mark.

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