

TYPE C GONIOPHOTOMETER DISTRIBUTION TESTING

REPORT NO. 104553588CRT-001

Test Configuration	Tested Model No.	Pass/Fail/NA
4	6x3 15W Red With Trim	NA

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

Base Orientation	Input Voltage (Vac)	Input Current (mA)	Input Power (W)	Input Power Factor ( )
Up	120.01	101.5	9.81	0.805
	208.05	71.0	10.19	0.690
	239.98	64.0	10.39	0.677
	276.93	60.7	10.70	0.635

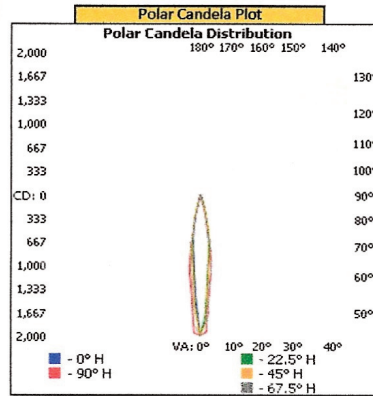
Light Output (lm)	Lumen Efficacy (lm/W)
209.3	21.3

Photometrics taken at 120Vac Input

INTENSITY SUMMARY - CANDELA

Angle	0	22.5	45	67.5	90
0	1976	1976	1976	1976	1976
5	1190	1135	1193	1360	1373
10	688	657	686	754	776
15	263	270	260	155	119
20	87	106	57	7	7
25	42	34	7	27	39
30	27	17	10	30	38
35	20	13	10	20	22
40	16	10	10	14	16
45	13	9	9	11	12
50	10	9	9	9	9
55	8	8	8	8	8
60	7	7	7	7	7
65	6	5	5	5	5
70	4	4	4	4	4
75	3	3	3	3	2
80	2	1	1	1	1
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

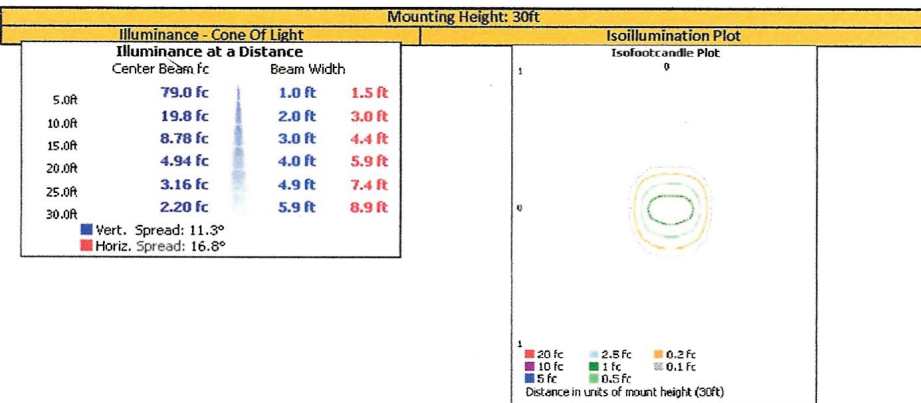
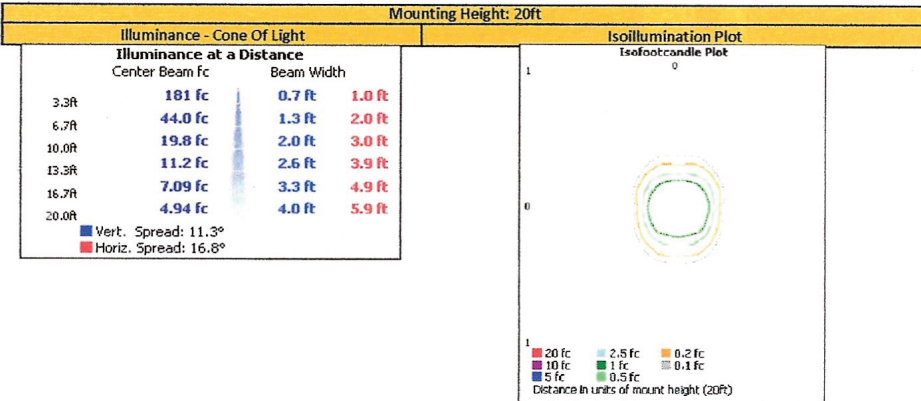
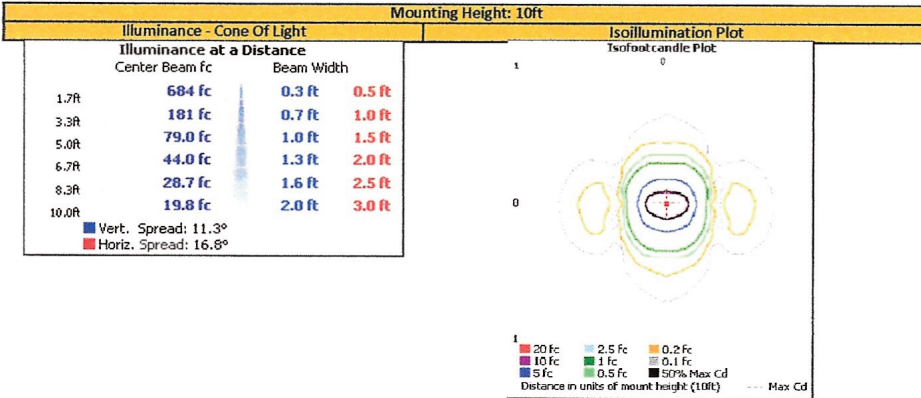


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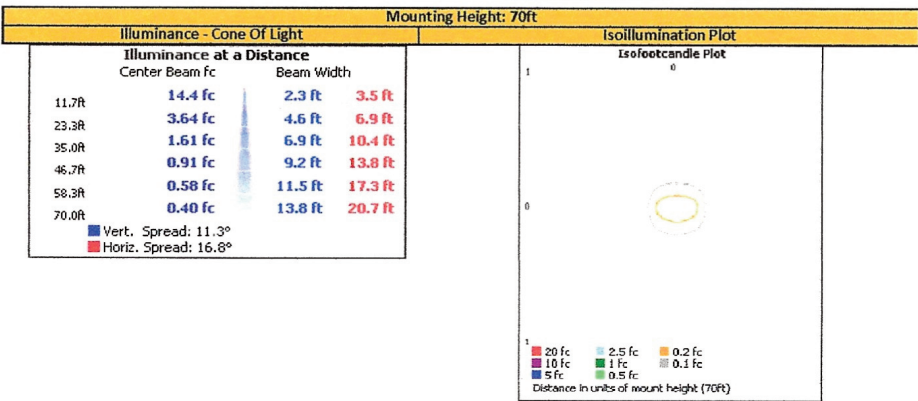
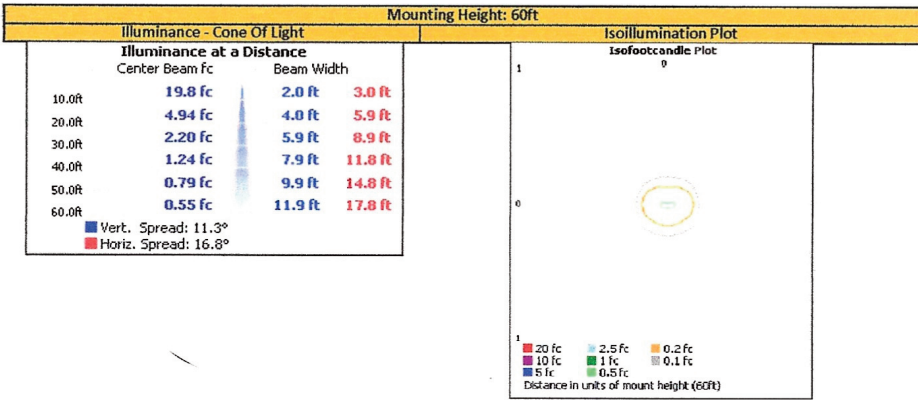
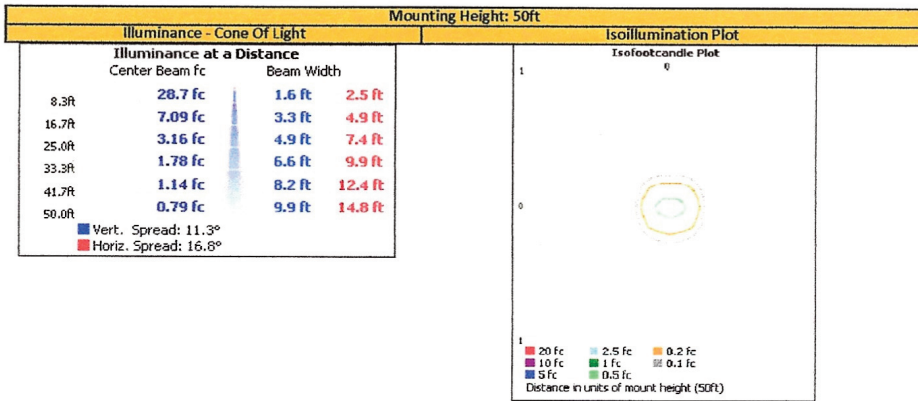
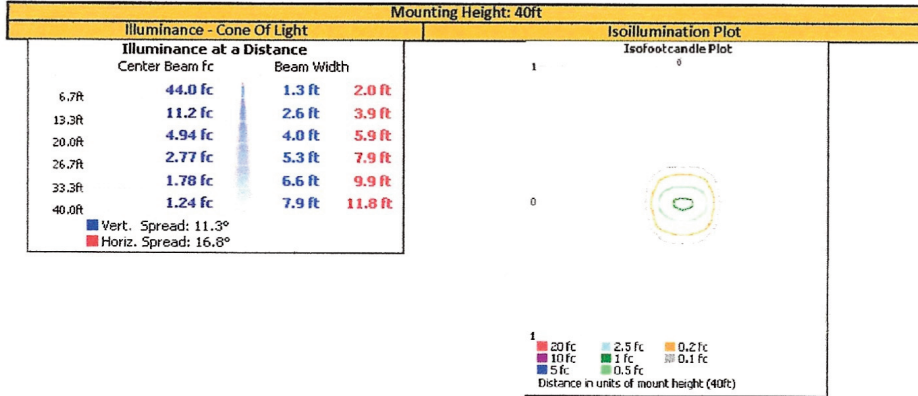
**ILLUMINANCE SUMMARY**

**ZONAL LUMENS**

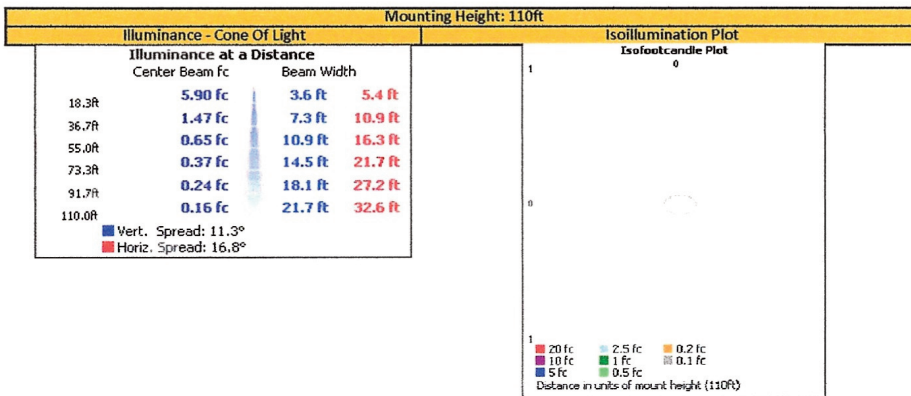
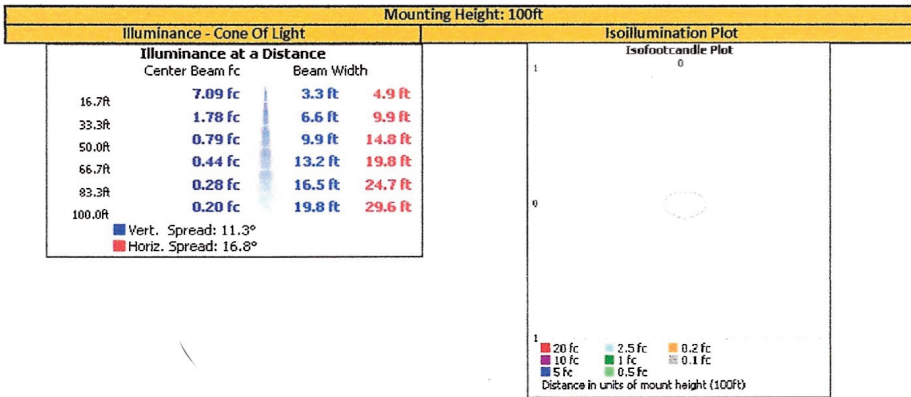
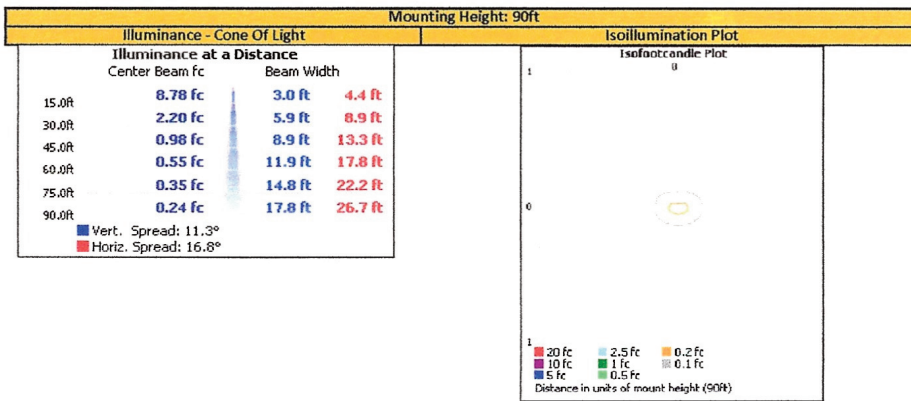
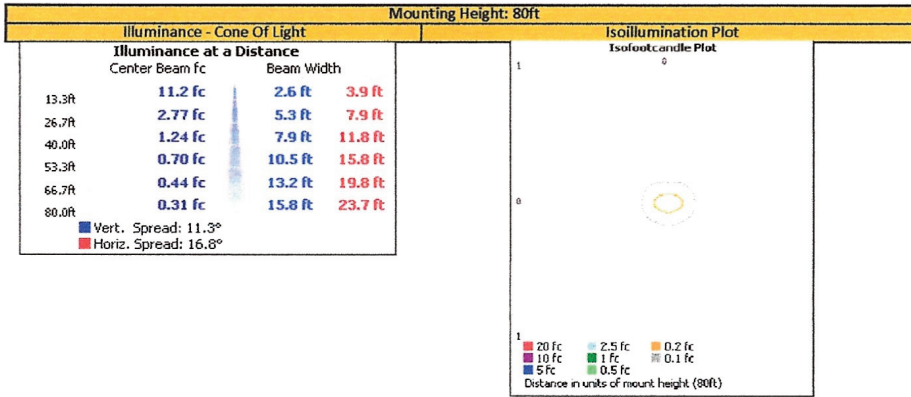
Zonal Lumen Summary					
Zone	Lumens	Luminaire	Zone	Lumens	Total
0-30	177.1	84.6%	0-10	100.5	48.0%
0-40	186.8	89.2%	10-20	64.3	30.7%
0-60	201.5	96.3%	20-30	12.3	5.9%
60-90	7.8	3.7%	30-40	9.7	4.6%
70-100	2.8	1.3%	40-50	8.0	3.8%
90-120	0.0	0.0%	50-60	6.7	3.2%
0-90	209.3	100.0%	60-70	5.0	2.4%
90-180	0.0	0.0%	70-80	2.5	1.2%
0-180	209.3	100.0%	80-90	0.3	0.1%
			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%



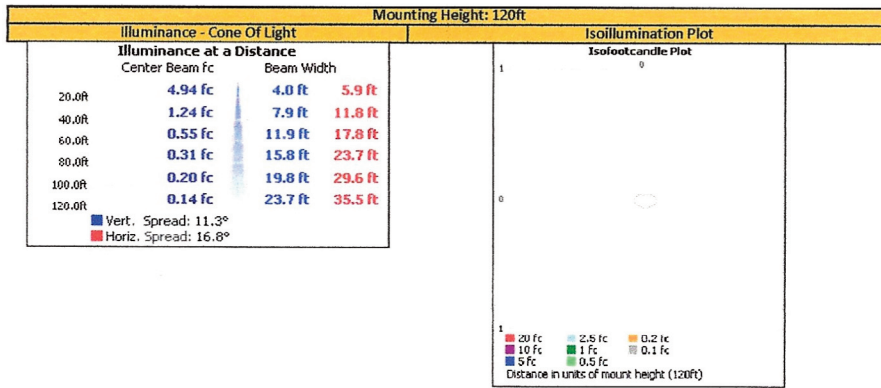
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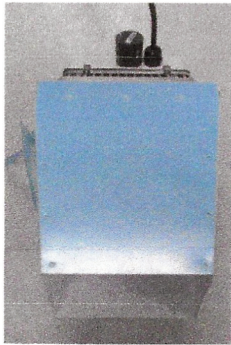
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IMAGE



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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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