

TYPE C GONIOPHOTOMETER DISTRIBUTION TESTING

REPORT NO. 104553588CRT-001

Test Configuration	Tested Model No.	Pass/Fail/NA
6	9x4 30W 5000K 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	120.04	258.1	30.71	0.991
	208.02	149.7	30.76	0.988
	240.06	133.9	30.94	0.963
	277.06	123.4	31.18	0.912

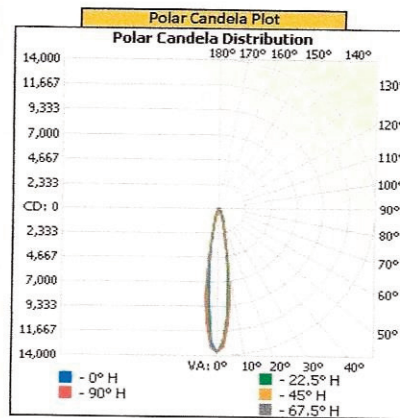
Light Output (lm)	Lumen Efficacy (lm/W)
1760.6	57.3

Photometrics taken at 120Vac Input

INTENSITY SUMMARY - CANDELA

Angle	0	22.5	45	67.5	90
0	13686	13686	13686	13686	13686
5	10132	10100	10431	10628	10929
10	4610	4540	5148	4831	4677
15	1770	1971	1697	1481	1312
20	1285	1034	550	146	106
25	632	441	142	244	394
30	238	218	114	236	310
35	183	126	114	182	217
40	157	108	103	138	158
45	131	99	95	112	116
50	105	91	89	91	88
55	86	81	79	78	77
60	70	68	67	66	66
65	57	55	53	53	53
70	44	42	40	40	39
75	30	29	27	26	26
80	16	15	14	14	13
85	3	2	2	2	1
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

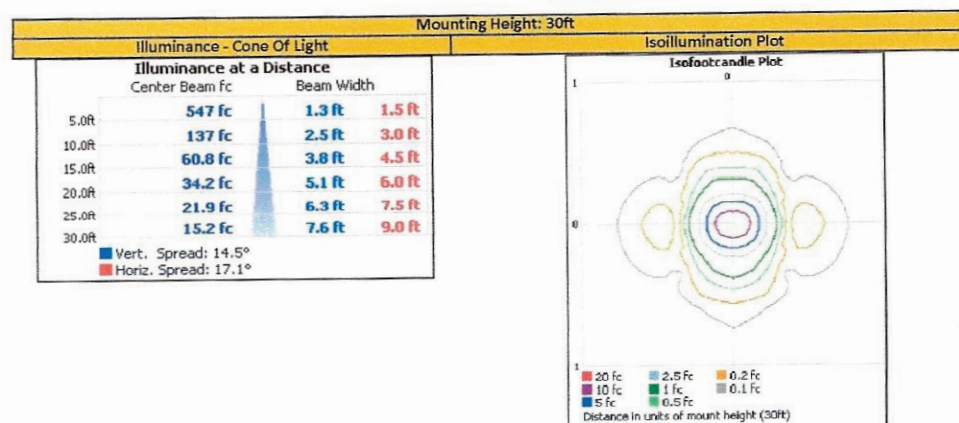
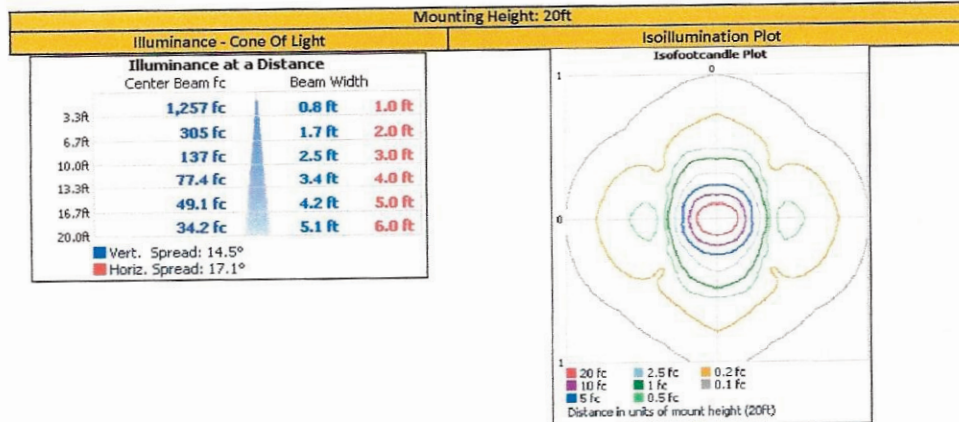
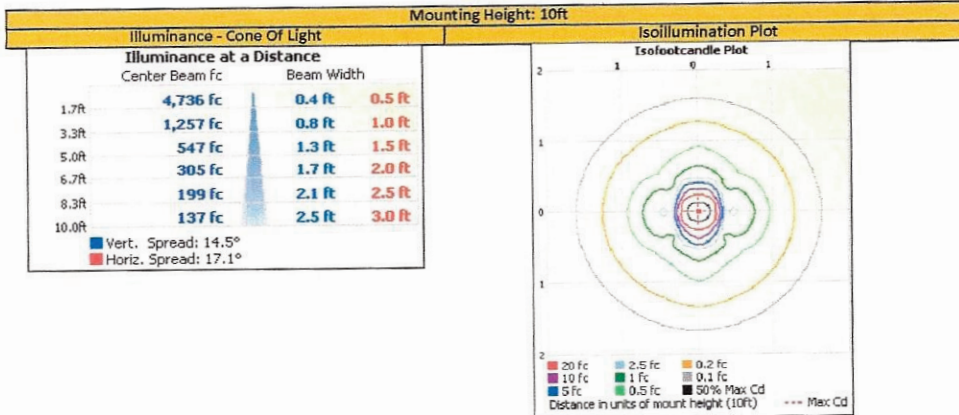


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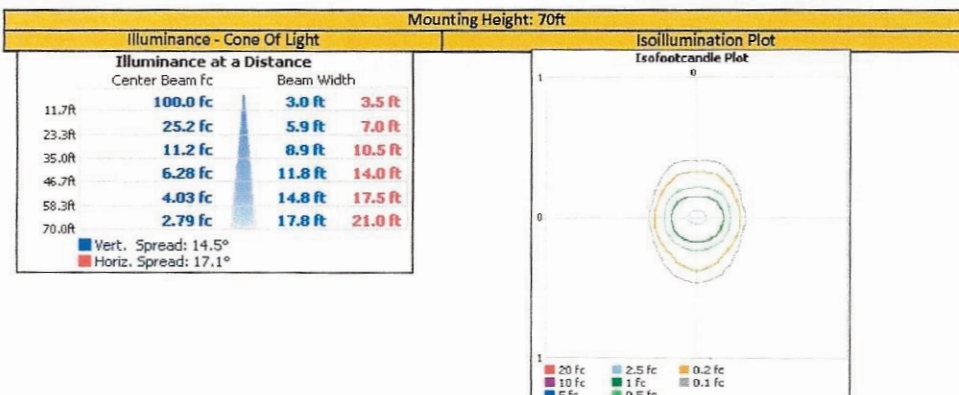
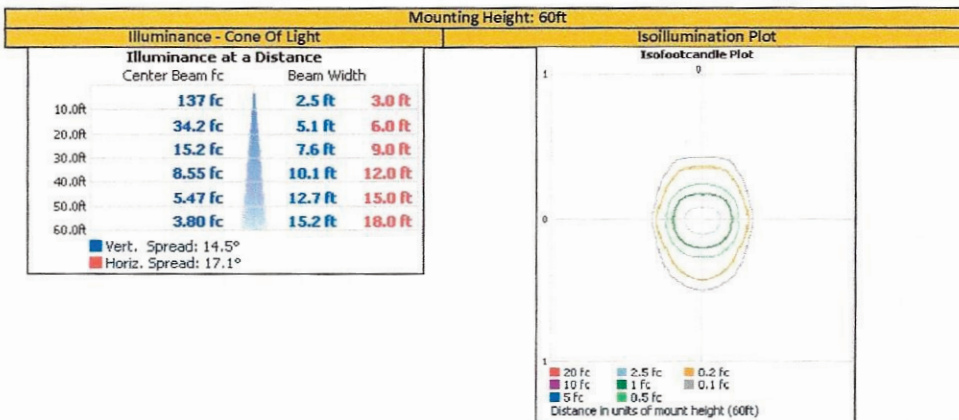
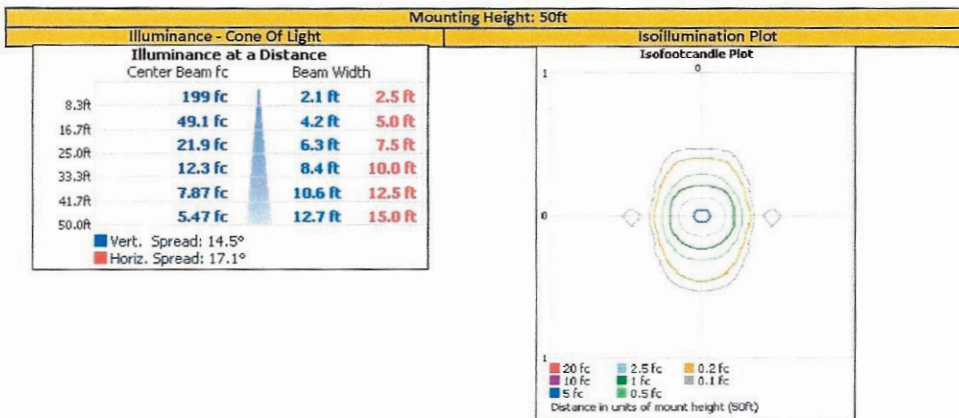
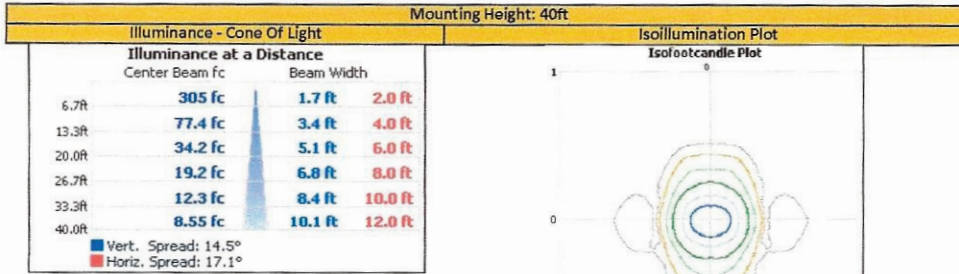
ILLUMINATION SUMMARY

ZONAL LUMENS

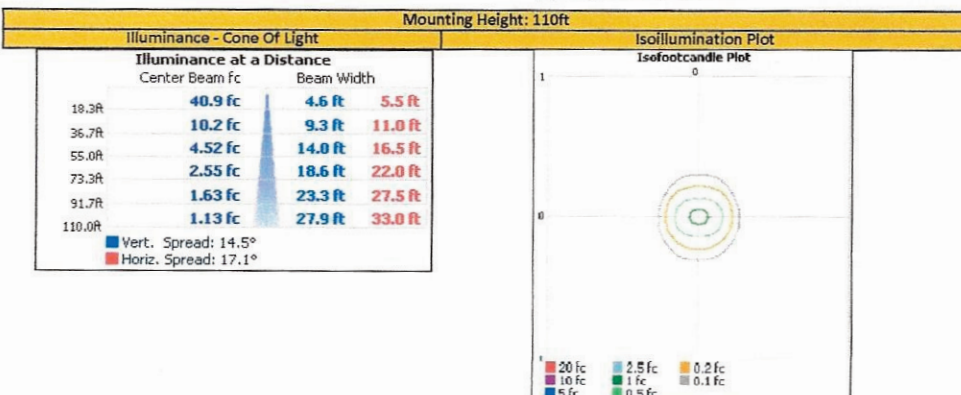
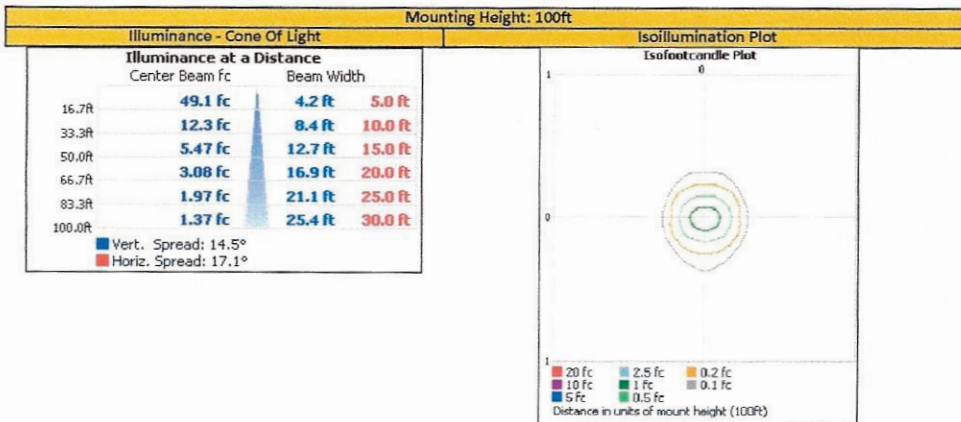
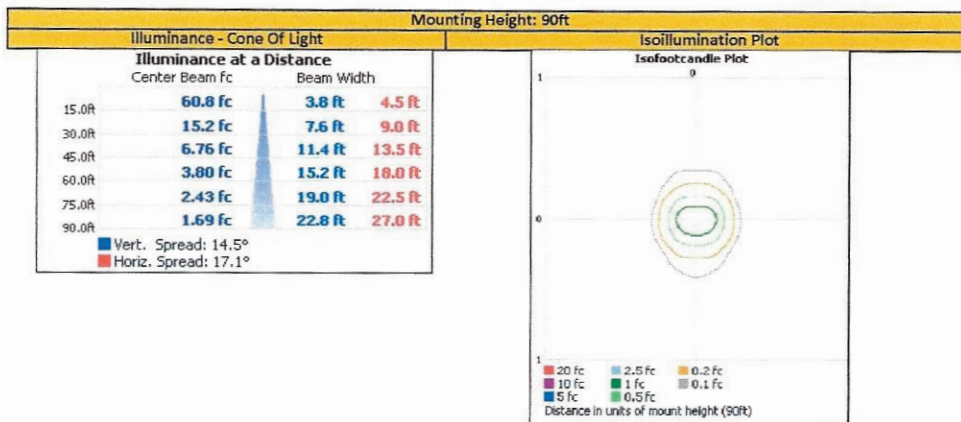
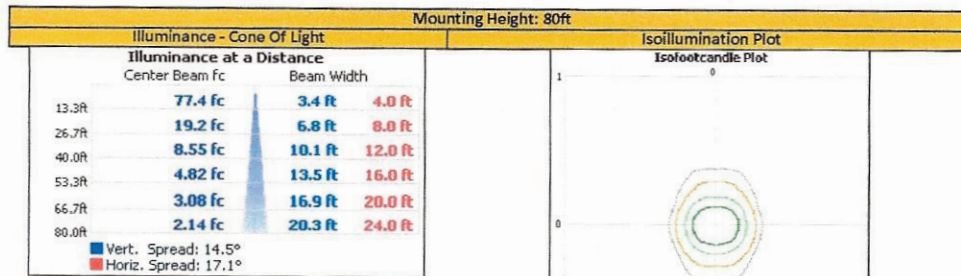
Zonal Lumen Summary										
Zone	Lumens	Luminaire	Zone	Lumens	Total					
0-30	1,431.6	81.3%	0-10	791.1	44.9%					
0-40	1,527.0	86.7%	10-20	491.3	27.9%					
0-60	1,677.5	95.3%	20-30	149.2	8.5%					
60-90	83.1	4.7%	30-40	95.4	5.4%					
70-100	31.4	1.8%	40-50	81.3	4.6%					
90-120	0.0	0.0%	50-60	69.2	3.9%					
0-90	1,760.6	100.0%	60-70	51.7	2.9%					
90-180	0.0	0.0%	70-80	27.5	1.6%					
0-180	1,760.6	100.0%	80-90	3.9	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 </tr <tr> <td></td> <td></td> <td></td> <td>170-180</td> <td>0.0</td> <td>0.0%</td> </tr>				170-180	0.0	0.0%
			170-180	0.0	0.0%					



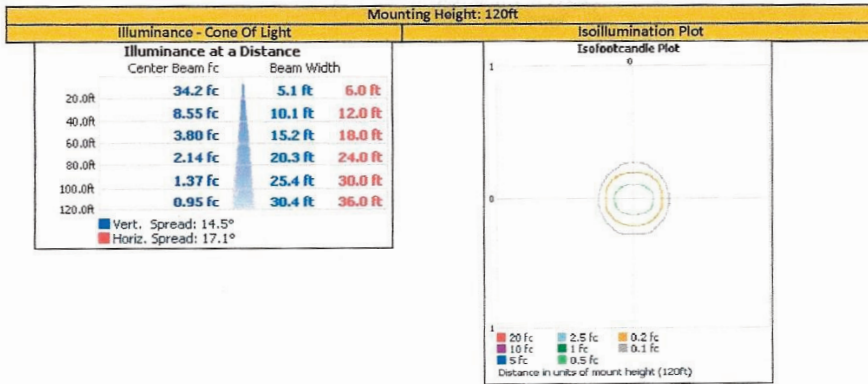
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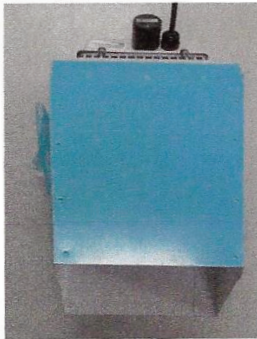
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IMAGE



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Product Description

Company: AMERICAN 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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