

TYPE C GONIOPHOTOMETER DISTRIBUTION TESTING

REPORT NO. 10453588CRT-001

Test Configuration	Tested Model No.	Pass/Fail/NA
9	8x9 60W 6000K 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	120.03	438.6	52.33	0.994
	208.07	251.9	51.95	0.991
	240.02	223.1	52.07	0.972
	277.13	203.1	52.21	0.928

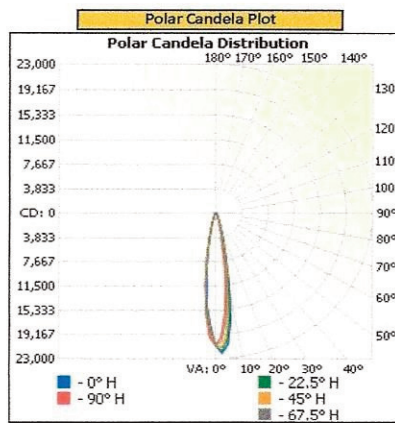
Light Output (lm)	Lumen Efficacy (lm/W)
3144.7	60.1

Photometrics taken at 120Vac Input

INTENSITY SUMMARY - CANDELA

Angle	0	22.5	45	67.5	90
0	20871	20871	20871	20871	20871
5	20853	19952	19101	17099	15895
10	11364	10707	9592	8064	7376
15	4378	4015	3399	2956	2632
20	1939	1519	1381	1259	974
25	808	604	533	637	662
30	425	317	254	376	463
35	280	190	168	302	390
40	242	175	157	256	323
45	223	166	150	222	262
50	196	154	146	182	197
55	158	134	136	148	152
60	122	116	118	122	121
65	94	95	97	100	99
70	72	73	74	76	76
75	50	49	50	52	52
80	27	27	27	27	27
85	4	4	4	4	4
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

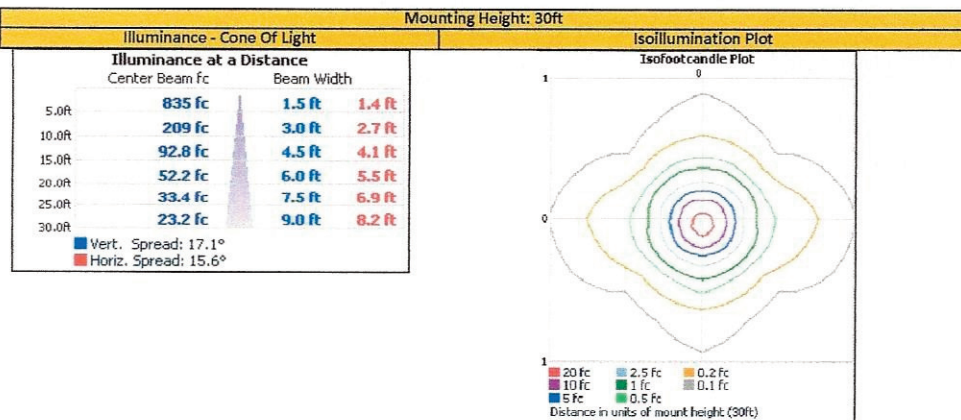
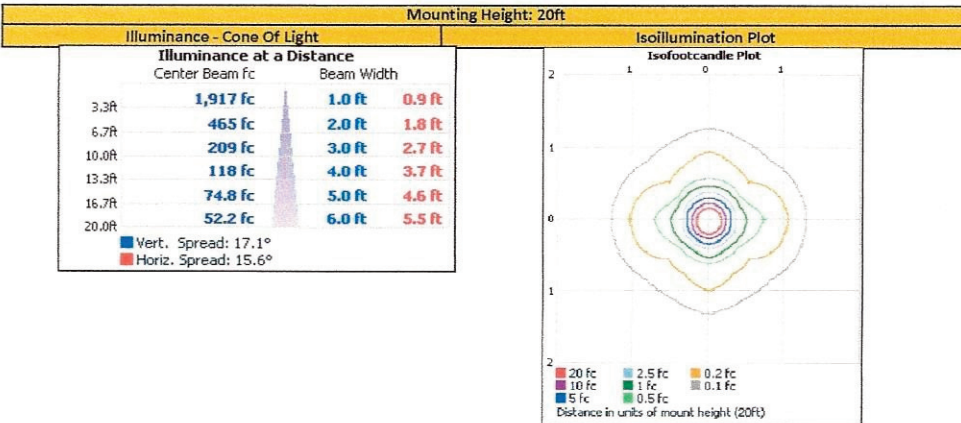
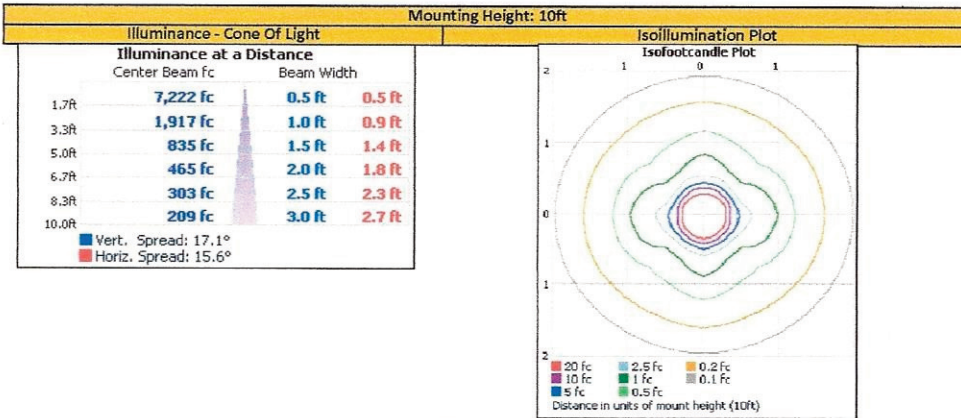


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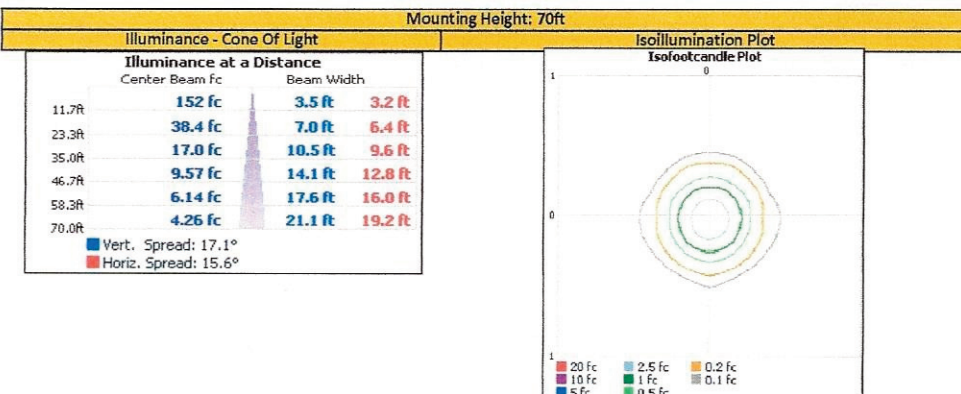
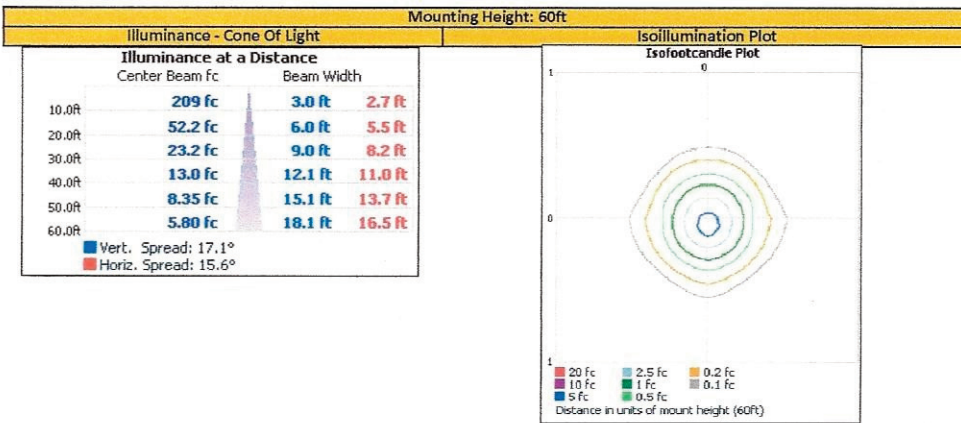
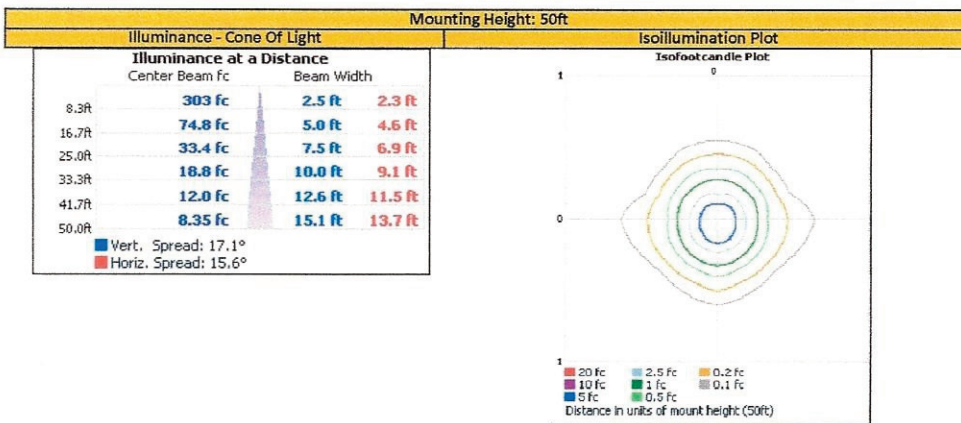
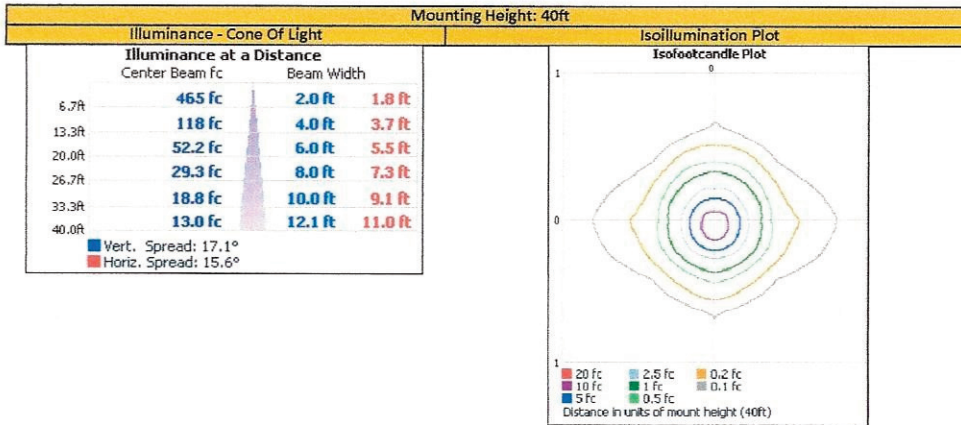
ILLUMINANCE SUMMARY

ZONAL LUMENS

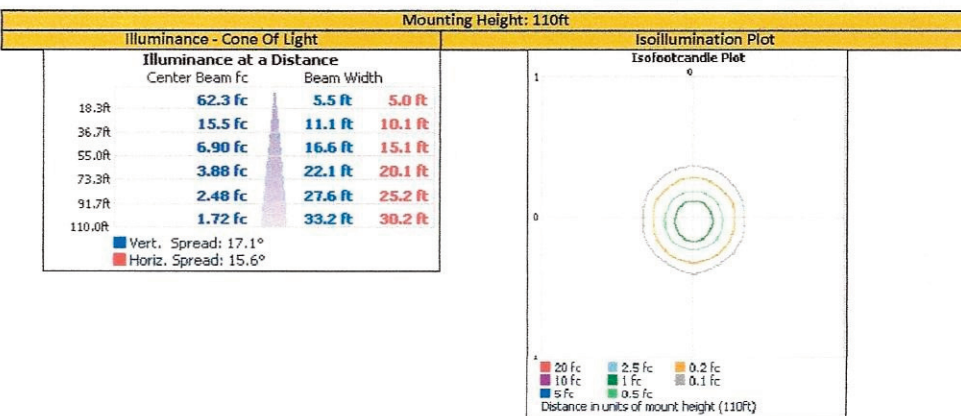
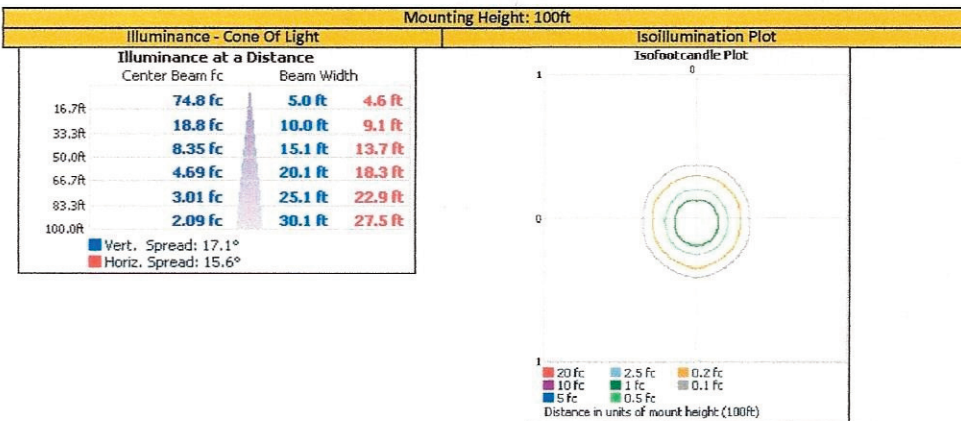
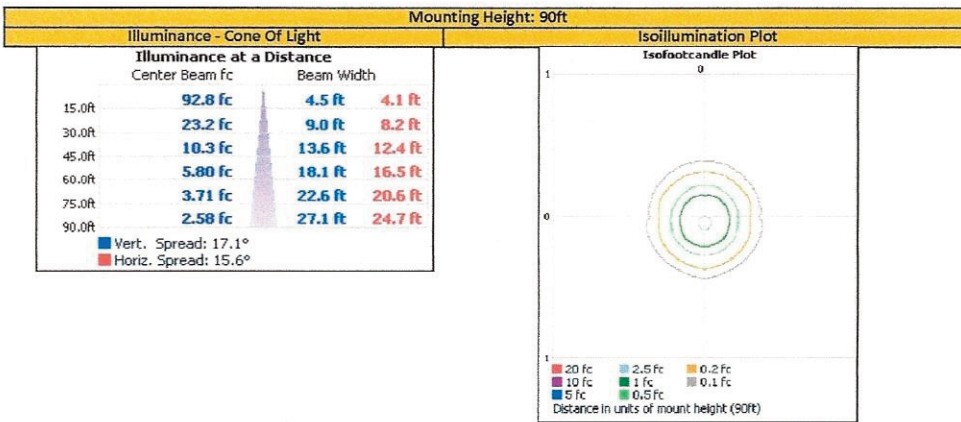
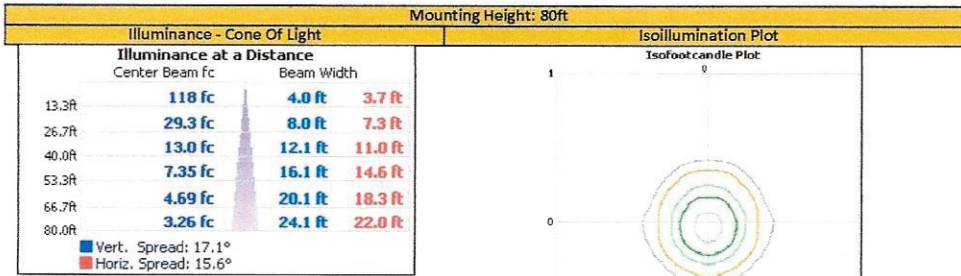
Zonal Lumen Summary					
Zone	Lumens	Luminaire	Zone	Lumens	Total
0-30	2,556.8	81.3%	0-10	1304.6	41.5%
0-40	2,713.5	86.3%	10-20	958.3	30.5%
0-60	2,987.5	95.0%	20-30	294.0	9.3%
60-90	157.3	5.0%	30-40	156.6	5.0%
70-100	61.9	2.0%	40-50	147.0	4.7%
90-120	0.0	0.0%	50-60	127.0	4.0%
0-90	3,144.7	100.0%	60-70	95.3	3.0%
90-180	0.0	0.0%	70-80	53.2	1.7%
0-180	3,144.7	100.0%	80-90	8.7	0.3%
			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%



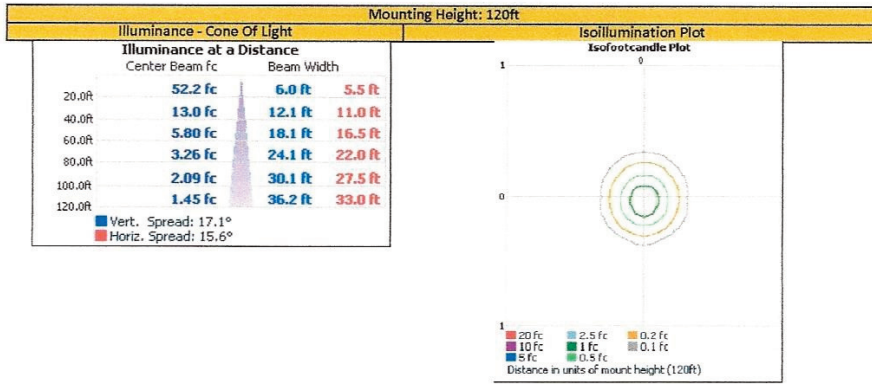
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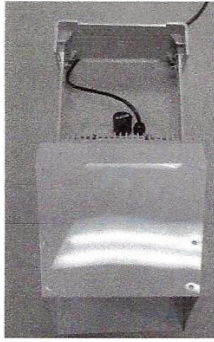
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IMAGE



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Product Description

Company: 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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Americas+1-888-347-5478
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