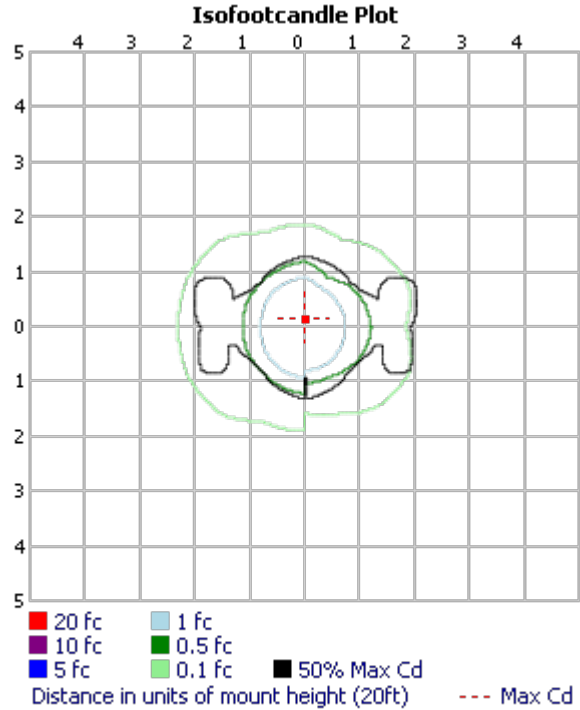
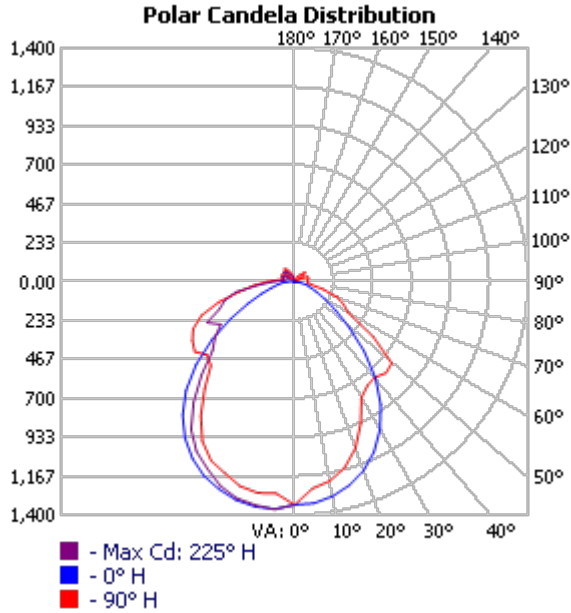


PHOTOMETRIC REPORT

CATALOG:

TEST #: SAM
 DESCRIPTION: LL-404802B-1(4000K)
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 3841.1
 INPUT WATTAGE: 36.159
 LUMINOUS OPENING: POINT
 MAX CD: 1,384.1 AT HORIZONTAL: 225°, VERTICAL: 5°
 CUTOFF CLASS: SEMICUTOFF
 ROADWAY CLASS: VERY SHORT, TYPE II
 EFFICIENCY: 99.9%



PHOTOMETRIC REPORT
 CATALOG:

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,018.4	26.5%	26.5%
0-40	1,615.4	42.1%	42.1%
0-60	2,704.0	70.4%	70.5%
60-90	837.5	21.8%	21.8%
70-100	491.7	12.8%	12.8%
90-120	183.3	4.8%	4.8%
0-90	3,541.6	92.2%	92.3%
90-180	295.2	7.7%	7.7%
0-180	3,836.8	99.9%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	126.4	3.3%	90-100	74.7	1.9%
10-20	361.0	9.4%	100-110	59.9	1.6%
20-30	531.0	13.8%	110-120	48.6	1.3%
30-40	597.0	15.6%	120-130	40.4	1.1%
40-50	578.5	15.1%	130-140	35.0	0.9%
50-60	510.1	13.3%	140-150	24.0	0.6%
60-70	420.5	11.0%	150-160	9.6	0.3%
70-80	276.0	7.2%	160-170	2.7	0.1%
80-90	141.0	3.7%	170-180	0.3	0%

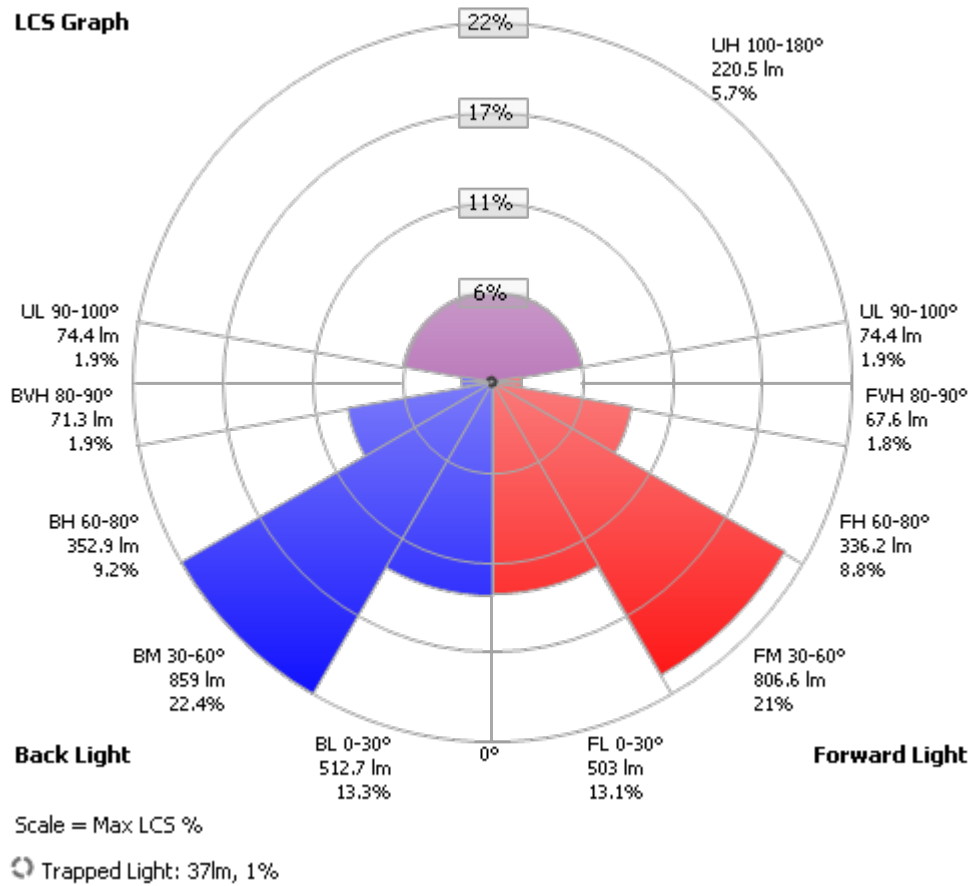
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	SEMICUTOFF	
DISTRIBUTION:	TYPE II, VERY SHORT	
MAX CD, 90 DEG VERT:	164.2	
MAX CD, 80 TO <90 DEG:	358.4	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	1,713.4	44.6%
DOWNWARD HOUSE SIDE:	1,795.9	46.8%
DOWNWARD TOTAL:	3,509.2	91.4%
UPWARD STREET SIDE:	147.8	3.8%
UPWARD HOUSE SIDE:	147.1	3.8%
UPWARD TOTAL:	294.9	7.7%
TOTAL LUMENS:	3,804.1	99%

LCS TABLE

BUG RATING	B2 - U3 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	503.0	13.1%
MEDIUM(30-60):	806.6	21%
HIGH(60-80):	336.2	8.8%
VERY HIGH(80-90):	67.6	1.8%
BACK LIGHT		
LOW(0-30):	512.7	13.3%
MEDIUM(30-60):	859.0	22.4%
HIGH(60-80):	352.9	9.2%
VERY HIGH(80-90):	71.3	1.9%
UPLIGHT		
LOW(90-100):	74.4	1.9%
HIGH(100-180):	220.5	5.7%
TRAPPED LIGHT:	37.0	1%

PHOTOMETRIC REPORT
CATALOG:



PHOTOMETRIC REPORT
CATALOG:

CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338	1338
5	1334	1333	1328	1285	1245	1287	1333	1333	1369	1377	1384	1336	1275	1331	1371	1366	1369
10	1307	1289	1296	1262	1214	1254	1305	1299	1369	1372	1380	1334	1287	1315	1361	1358	1369
15	1265	1243	1255	1210	1156	1196	1258	1259	1355	1357	1372	1313	1269	1317	1344	1333	1355
20	1207	1195	1182	1115	1065	1112	1189	1207	1325	1334	1337	1276	1223	1266	1303	1303	1325
25	1127	1124	1088	1005	938	987	1081	1135	1286	1284	1273	1231	1185	1225	1238	1262	1286
30	1024	1022	963	844	802	837	948	1027	1226	1215	1209	1159	1106	1159	1176	1190	1226
35	901	900	796	771	760	773	796	884	1146	1125	1113	1025	981	1030	1082	1098	1146
40	754	741	683	714	749	723	710	723	1046	1013	974	888	839	885	943	1002	1046
45	589	561	631	783	775	800	651	562	921	874	819	745	711	734	790	872	921
50	428	431	608	687	760	697	645	446	771	718	675	721	685	705	643	712	771
55	303	359	555	583	575	579	569	371	605	562	618	690	731	665	583	551	605
60	212	301	487	536	373	490	483	315	441	428	544	781	709	758	512	422	441
65	145	250	390	473	324	458	360	256	307	335	603	693	672	675	580	331	307
70	104	214	258	272	273	269	262	217	211	281	501	579	595	574	480	273	211
75	76	132	169	176	178	177	171	127	146	247	434	484	471	482	434	244	146
80	41	71	95	104	103	104	94	67	103	196	358	342	334	354	357	200	103
85	1	37	56	67	76	67	59	39	75	151	210	234	241	235	214	155	75
90	1	40	59	73	82	75	62	44	39	83	133	161	164	164	133	89	39
95	1	43	70	85	77	83	74	46	1	43	75	99	108	98	78	47	1
100	1	29	81	84	78	83	86	30	1	39	60	79	80	77	58	38	1
105	1	40	74	87	87	86	70	42	1	45	71	77	75	76	68	43	1
110	1	34	30	81	84	76	25	36	1	32	80	82	77	81	79	33	1
115	1	28	54	37	54	33	56	29	1	50	73	86	83	86	79	48	1
120	2	24	74	36	13	34	73	25	1	46	30	82	85	85	40	50	1
125	2	21	63	86	62	83	62	22	1	40	52	44	63	51	44	43	1
130	2	16	52	80	83	78	52	17	1	34	86	31	16	29	86	37	1
135	2	5	41	65	72	64	42	6	1	30	83	81	49	76	84	32	1
140	2	3	33	51	57	51	34	4	2	26	72	95	97	98	75	28	2
145	2	3	25	39	42	38	26	3	2	20	60	88	92	90	62	24	2
150	2	2	8	28	31	28	6	2	2	11	48	73	81	74	50	14	2
155	2	2	3	8	15	8	3	2	2	4	38	57	64	58	39	5	2
160	2	2	2	2	2	2	2	2	2	3	28	43	48	43	30	4	2
165	2	2	2	2	2	2	2	2	2	4	10	30	34	31	13	4	2
170	2	2	2	2	2	2	2	2	2	3	3	9	15	10	3	3	2
175	2	2	2	2	2	3	3	3	2	2	3	3	3	3	4	2	2
180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2