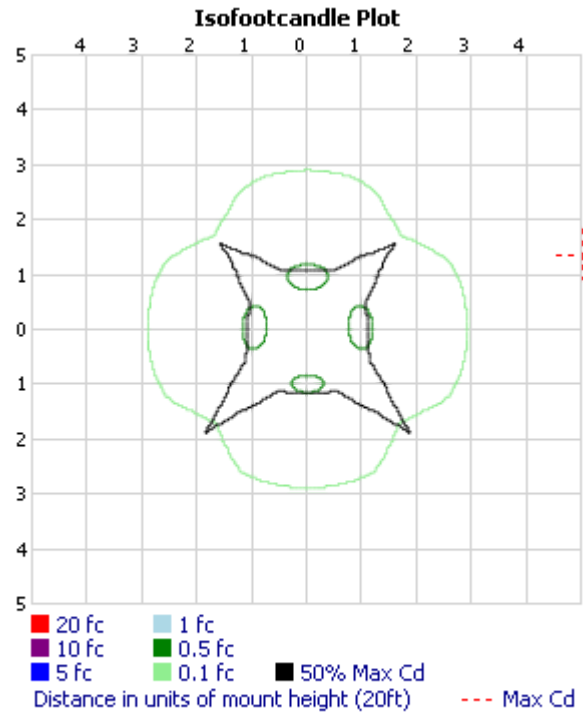
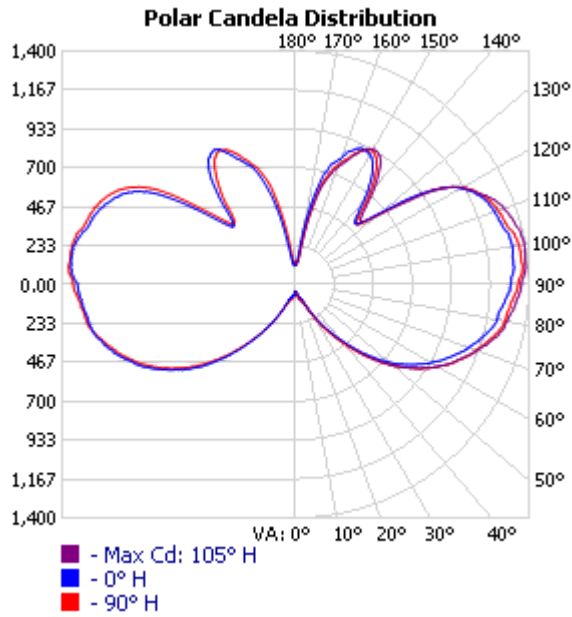


LAMP, CLEAR ACRYLIC ENCLOSURE.  
 LAMP CATALOG: SYLVANIA M175/U/MED  
 LAMP: ONE CLEAR VBD M57 175 WATT B17 METAL HALIDE LAMP RATED AT 14,000 LUMENS.  
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 14000  
 INPUT WATTAGE: 175  
 LUMINOUS OPENING: RECTANGLE W/LUMINOUS SIDES (L: 10.62", W: 10.62", H: 9.5")  
 MAX CD: 1,395.0 AT HORIZONTAL: 105°, VERTICAL: 99.5°  
 CUTOFF CLASS: NONCUTOFF  
 ROADWAY CLASS: UNCLASSIFIED, UNCLASSIFIED  
 EFFICIENCY: 77.2%





**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	79.7	0.6%	0.7%
0-40	254.8	1.8%	2.4%
0-60	1,344.4	9.6%	12.4%
60-90	3,377.3	24.1%	31.2%
70-100	3,787.6	27.1%	35%
90-120	3,808.1	27.2%	35.2%
0-90	4,721.7	33.7%	43.7%
90-180	6,091.2	43.5%	56.3%
0-180	10,812.9	77.2%	100%

**LUMENS PER ZONE**

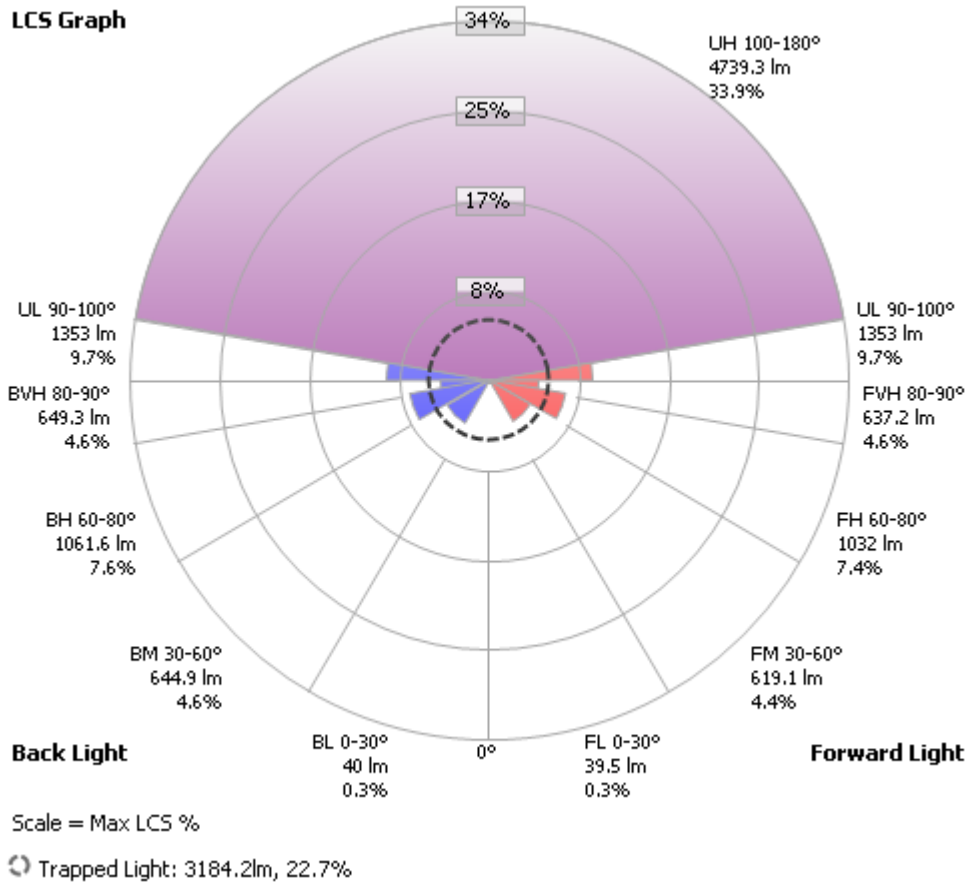
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	5.2	0.0%	90-100	1,351.9	12.5%
10-20	21.8	0.2%	100-110	1,314.7	12.2%
20-30	52.7	0.5%	110-120	1,141.5	10.6%
30-40	175.1	1.6%	120-130	715.7	6.6%
40-50	405.2	3.7%	130-140	471.3	4.4%
50-60	684.4	6.3%	140-150	547.6	5.1%
60-70	941.6	8.7%	150-160	373.9	3.5%
70-80	1,150.2	10.6%	160-170	156.6	1.4%
80-90	1,285.5	11.9%	170-180	17.8	0.2%

**ROADWAY SUMMARY**

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	UNCLASSIFIED, UNCLASSIFIED	
MAX CD, 90 DEG VERT:	1,355.0	
MAX CD, 80 TO <90 DEG:	1,353.0	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	2,327.7	16.6%
DOWNWARD HOUSE SIDE:	2,395.8	17.1%
DOWNWARD TOTAL:	4,723.5	33.7%
UPWARD STREET SIDE:	3,032.0	21.7%
UPWARD HOUSE SIDE:	3,060.3	21.9%
UPWARD TOTAL:	6,092.2	43.5%
<b>TOTAL LUMENS:</b>	<b>10,815.7</b>	<b>77.3%</b>

**LCS TABLE**

BUG RATING	B3 - U5 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	39.5	0.3%
MEDIUM(30-60):	619.1	4.4%
HIGH(60-80):	1,032.0	7.4%
VERY HIGH(80-90):	637.2	4.6%
<b>BACK LIGHT</b>		
LOW(0-30):	40.0	0.3%
MEDIUM(30-60):	644.9	4.6%
HIGH(60-80):	1,061.6	7.6%
VERY HIGH(80-90):	649.3	4.6%
<b>UPLIGHT</b>		
LOW(90-100):	1,353.0	9.7%
HIGH(100-180):	4,739.3	33.9%
<b>TRAPPED LIGHT:</b>	<b>3,184.2</b>	<b>22.7%</b>



CATALOG: 1325

**CANDELA TABLE - TYPE C**

	0	15	25	35	45	55	65	75	85	90	105	115	125	135	145	155	165	175	180	
0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
5	47	52	51	46	41	46	54	58	56	56	56	54	49	42	46	54	58	58	51	
10	63	64	64	61	54	58	63	69	66	69	69	69	63	56	59	66	64	66	64	
15	78	81	81	71	66	69	76	78	85	85	83	83	71	66	69	73	76	78	75	
20	91	91	91	80	69	75	85	93	98	98	98	91	78	64	71	81	86	88	85	
25	122	119	102	83	69	76	95	119	135	137	134	117	86	69	73	88	102	120	122	
30	218	210	173	120	80	98	157	205	229	235	217	183	135	98	102	154	201	225	230	
35	325	313	276	212	135	185	273	320	342	349	335	296	229	166	198	271	322	345	352	
40	447	433	406	306	235	283	400	447	469	474	461	428	337	261	308	401	459	476	484	
45	583	572	545	408	328	384	532	586	606	611	606	569	449	359	415	533	601	620	627	
50	720	713	684	525	425	503	669	733	745	750	748	711	569	461	528	672	745	760	769	
55	838	835	804	628	513	606	791	855	867	874	875	836	676	552	632	794	872	882	891	
60	937	940	909	720	591	699	899	967	977	984	985	948	769	627	721	904	982	991	1002	
65	1025	1024	1002	794	650	774	999	1058	1068	1075	1070	1046	845	684	792	999	1075	1079	1087	
70	1101	1104	1090	857	699	842	1087	1136	1145	1150	1155	1133	913	737	853	1082	1156	1155	1165	
75	1173	1184	1165	918	740	901	1162	1212	1223	1221	1234	1206	975	781	911	1153	1234	1228	1229	
80	1225	1236	1226	975	772	948	1219	1270	1280	1272	1287	1260	1028	813	957	1211	1280	1283	1260	
85	1256	1277	1283	1021	803	991	1272	1312	1307	1294	1324	1309	1067	845	996	1261	1312	1302	1283	
90	1291	1312	1314	1052	825	1023	1307	1348	1336	1333	1355	1339	1102	869	1031	1294	1348	1334	1307	
95	1312	1343	1339	1096	853	1065	1336	1378	1366	1366	1383	1368	1140	903	1075	1326	1377	1358	1351	
100	1320	1356	1350	1124	875	1092	1350	1385	1372	1360	1392	1373	1163	921	1102	1339	1380	1351	1351	
105	1295	1344	1339	1129	879	1096	1338	1368	1346	1322	1370	1355	1163	923	1109	1328	1361	1321	1297	
110	1271	1311	1311	1118	874	1089	1309	1331	1309	1294	1331	1317	1146	911	1090	1300	1321	1287	1267	
115	1236	1250	1250	1074	842	1041	1251	1263	1256	1251	1265	1255	1101	874	1045	1238	1243	1233	1212	
120	1154	1141	1112	899	687	875	1112	1151	1158	1162	1163	1124	918	687	858	1092	1145	1138	1121	
125	979	935	852	635	445	582	830	940	977	975	957	855	633	428	552	798	908	945	891	
130	683	650	604	516	373	461	594	637	667	662	654	611	537	391	474	591	620	638	593	
135	513	532	598	611	533	594	630	549	525	520	549	630	662	582	642	686	567	533	535	
140	610	671	781	787	713	774	843	730	676	671	715	836	840	757	823	919	787	715	745	
145	797	857	962	889	791	853	985	928	857	845	891	994	923	811	874	1040	974	899	914	
150	896	925	970	858	767	809	960	974	930	923	936	970	858	759	803	962	979	941	935	
155	903	897	874	750	667	687	803	889	874	875	865	853	718	635	655	769	865	853	836	
160	815	789	731	628	576	588	655	745	770	769	753	699	588	569	574	628	728	759	745	
165	698	662	596	516	496	501	516	586	633	638	615	562	471	440	455	484	547	586	542	
170	441	400	374	317	264	254	284	325	347	352	340	305	252	198	185	218	262	290	224	
175	171	164	161	151	139	142	144	144	142	142	141	139	130	122	125	129	132	125	122	
180	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123