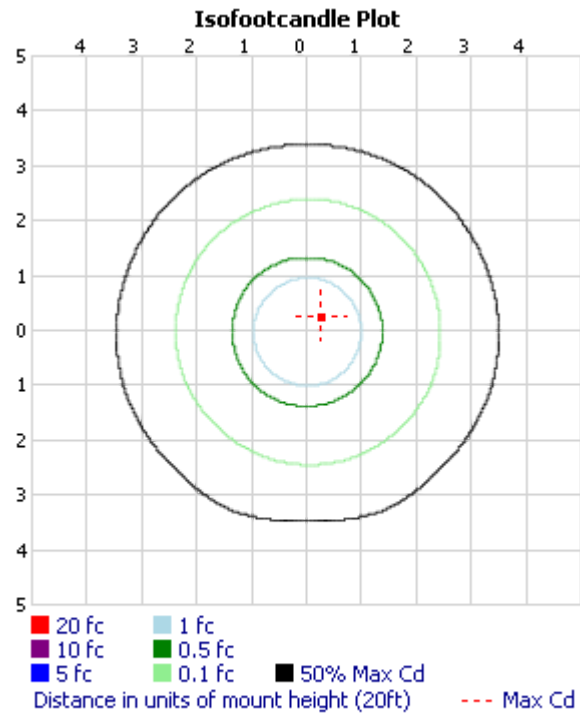
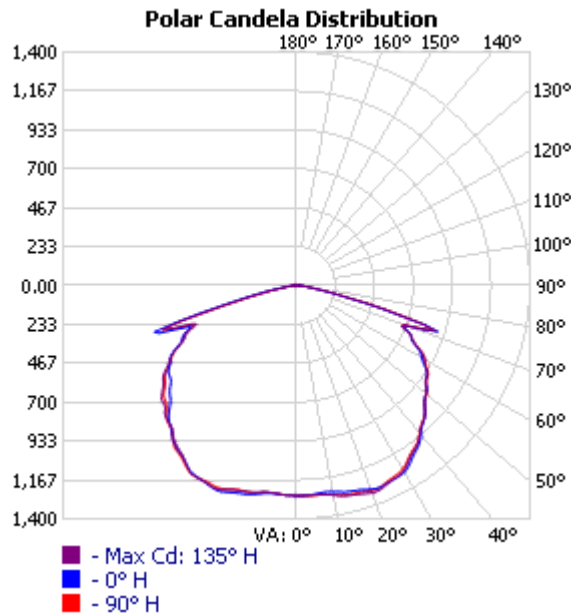


OUTDOOR PHOTOMETRIC REPORT

CATALOG: RSZ150915506-10

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS
TEST #: RSZ150915506-10
TEST LAB: BACL
TEST DATE: 2015-09-17
DESCRIPTION: DD-45-40-PL
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 4930.9
INPUT WATTAGE: 48.7
LUMINOUS OPENING: CIRCULAR (DIA: 8.66")
MAX CD: 1,324.8 AT HORIZONTAL: 135°, VERTICAL: 21°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: TYPE VS
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.

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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DD-45-40-PL

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,084.5	22%	22%
0-40	1,848.8	37.5%	37.5%
0-60	3,539.9	71.8%	71.8%
60-90	1,362.8	27.6%	27.6%
70-100	611.5	12.4%	12.4%
90-120	22.4	0.5%	0.5%
0-90	4,902.7	99.4%	99.4%
90-180	27.9	0.6%	0.6%
0-180	4,930.6	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	120.0	2.4%	90-100	10.9	0.2%
10-20	364.4	7.4%	100-110	7.1	0.1%
20-30	600.0	12.2%	110-120	4.4	0.1%
30-40	764.3	15.5%	120-130	2.9	0.1%
40-50	839.7	17.0%	130-140	1.0	0%
50-60	851.4	17.3%	140-150	0.6	0%
60-70	762.2	15.5%	150-160	0.6	0%
70-80	531.9	10.8%	160-170	0.4	0%
80-90	68.7	1.4%	170-180	0.1	0%

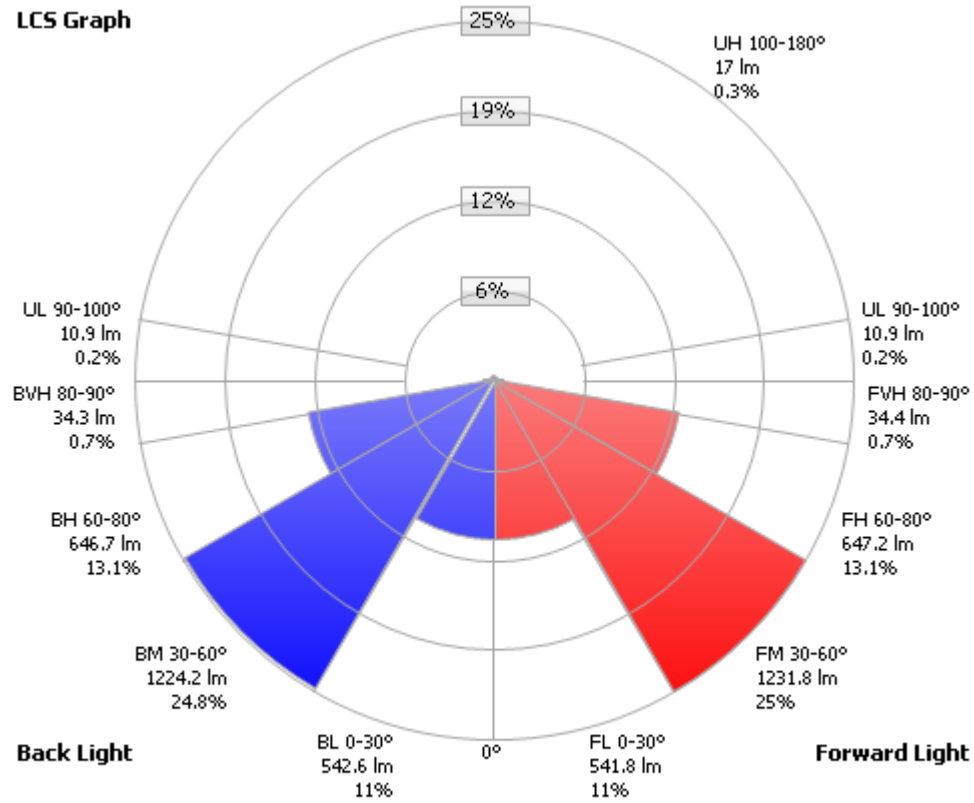
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	28.0
MAX CD, 80 TO <90 DEG:	156.8
	LUMENS % LAMP
DOWNWARD STREET SIDE:	2,455.2 49.8%
DOWNWARD HOUSE SIDE:	2,447.8 49.6%
DOWNWARD TOTAL:	4,903.0 99.4%
UPWARD STREET SIDE:	13.4 0.3%
UPWARD HOUSE SIDE:	14.5 0.3%
UPWARD TOTAL:	27.9 0.6%
TOTAL LUMENS:	4,930.9 100%

LCS TABLE

BUG RATING	B2 - U2 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	541.8	11%
MEDIUM(30-60):	1,231.8	25%
HIGH(60-80):	647.2	13.1%
VERY HIGH(80-90):	34.4	0.7%
BACK LIGHT		
LOW(0-30):	542.6	11%
MEDIUM(30-60):	1,224.2	24.8%
HIGH(60-80):	646.7	13.1%
VERY HIGH(80-90):	34.3	0.7%
UPLIGHT		
LOW(90-100):	10.9	0.2%
HIGH(100-180):	17.0	0.3%
TRAPPED LIGHT:	0.006	0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DD-45-40-PL

LCS Graph**Back Light****Forward Light**

Scale = Max LCS %

Trapped Light: 0lm, 0%

OUTDOOR PHOTOMETRIC REPORT

CATALOG: DD-45-40-PL

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	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259	1259
5	1255	1256	1258	1260	1262	1260	1260	1257	1255	1253	1252	1253	1254	1255	1252	1252	1255
10	1255	1256	1259	1265	1274	1276	1275	1271	1267	1265	1262	1258	1260	1258	1256	1257	1255
15	1276	1278	1281	1284	1292	1299	1300	1296	1290	1285	1279	1272	1272	1273	1274	1271	1276
20	1300	1302	1300	1299	1308	1318	1322	1322	1315	1306	1298	1293	1296	1303	1302	1297	1300
25	1302	1305	1298	1291	1293	1299	1306	1305	1300	1289	1278	1281	1293	1299	1301	1297	1302
30	1292	1297	1284	1271	1272	1278	1282	1284	1280	1266	1253	1266	1288	1286	1287	1283	1292
35	1230	1232	1221	1208	1210	1215	1217	1221	1223	1206	1191	1214	1231	1220	1217	1217	1230
40	1160	1171	1159	1144	1148	1152	1151	1161	1161	1147	1134	1155	1163	1156	1153	1151	1160
45	1090	1103	1095	1077	1088	1087	1087	1097	1084	1083	1083	1097	1104	1104	1111	1096	1090
50	1013	1009	1013	1010	1017	1007	1011	1015	994	1012	1027	1034	1039	1039	1059	1034	1013
55	951	933	939	950	958	952	953	942	934	947	966	970	965	974	978	968	951
60	868	872	868	869	887	886	886	874	876	866	878	872	868	884	874	883	868
65	761	774	777	770	764	758	768	768	757	750	760	753	752	760	740	759	761
70	699	700	681	708	681	680	697	710	761	752	723	712	700	687	673	691	699
75	522	571	543	552	550	542	534	525	472	468	439	446	416	424	441	460	522
80	143	150	143	150	151	152	154	149	157	145	135	135	125	128	136	142	143
85	58	57	58	60	60	60	58	57	53	53	52	53	49	50	53	56	58
90	28	27	26	26	25	25	25	26	25	25	25	24	19	23	25	27	28
95	3	6	4	5	7	6	3	12	8	5	0	8	8	8	0	5	3
100	13	12	8	3	3	2	9	12	12	12	9	0	1	0	9	12	13
105	10	8	3	12	12	9	4	9	10	9	3	6	5	2	4	8	10
110	6	3	3	13	14	13	2	5	7	5	1	7	1	1	1	4	6
115	2	1	7	13	13	13	4	1	2	1	2	5	1	1	0	1	2
120	1	2	9	11	11	11	7	1	1	1	5	4	1	1	1	1	1
125	1	2	7	8	8	8	6	1	1	1	5	3	1	1	1	1	1
130	1	2	3	4	4	4	3	1	1	1	3	2	1	1	1	1	1
135	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
140	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
150	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
155	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
160	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
165	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
170	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2
175	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1