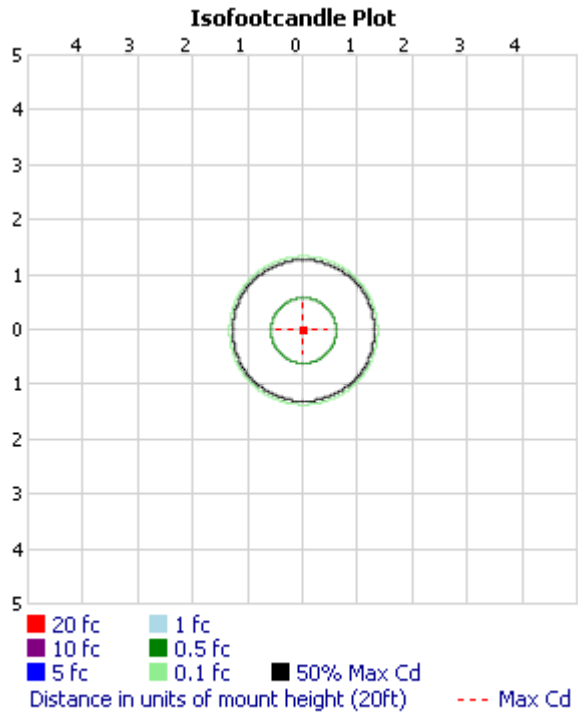
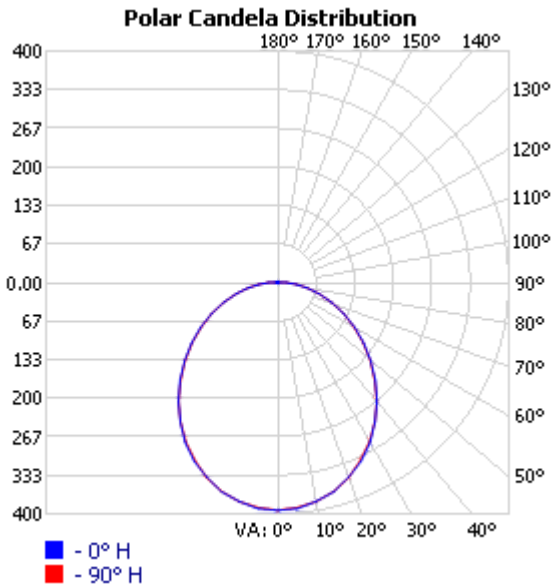


OUTDOOR PHOTOMETRIC REPORT

CATALOG: DL-15-2700

MANUFACTURER: Advantage Lighting Solutions
TEST #: LCZP16050302
TEST LAB: LCTECH
TEST DATE: 2016-7-2
CATALOG: DL-15-2700
DESCRIPTION: SSL DOWNLIGHT RETROFITS
LAMP CATALOG: LED
LAMP: LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 1078.1
INPUT WATTAGE: 14.93
LUMINOUS OPENING: CIRCULAR (DIA: 5.2")
MAX CD: 393.5 AT HORIZONTAL: 0°, VERTICAL: 0°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: TYPE VS
EFFICIENCY: 99.9%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.
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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DL-15-2700

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	298.6	27.7%	27.7%
0-40	481.8	44.7%	44.7%
0-60	827.3	76.7%	76.8%
60-90	238.8	22.2%	22.2%
70-100	123.1	11.4%	11.4%
90-120	8.9	0.8%	0.8%
0-90	1,066.1	98.9%	99%
90-180	10.6	1%	1%
0-180	1,076.8	99.9%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	37.1	3.4%	90-100	8.2	0.8%
10-20	105.2	9.8%	100-110	0.5	0%
20-30	156.3	14.5%	110-120	0.2	0%
30-40	183.2	17.0%	120-130	0.2	0%
40-50	183.8	17.1%	130-140	0.2	0%
50-60	161.7	15.0%	140-150	0.3	0%
60-70	123.9	11.5%	150-160	0.4	0%
70-80	78.7	7.3%	160-170	0.4	0%
80-90	36.2	3.4%	170-180	0.2	0%

ROADWAY SUMMARY

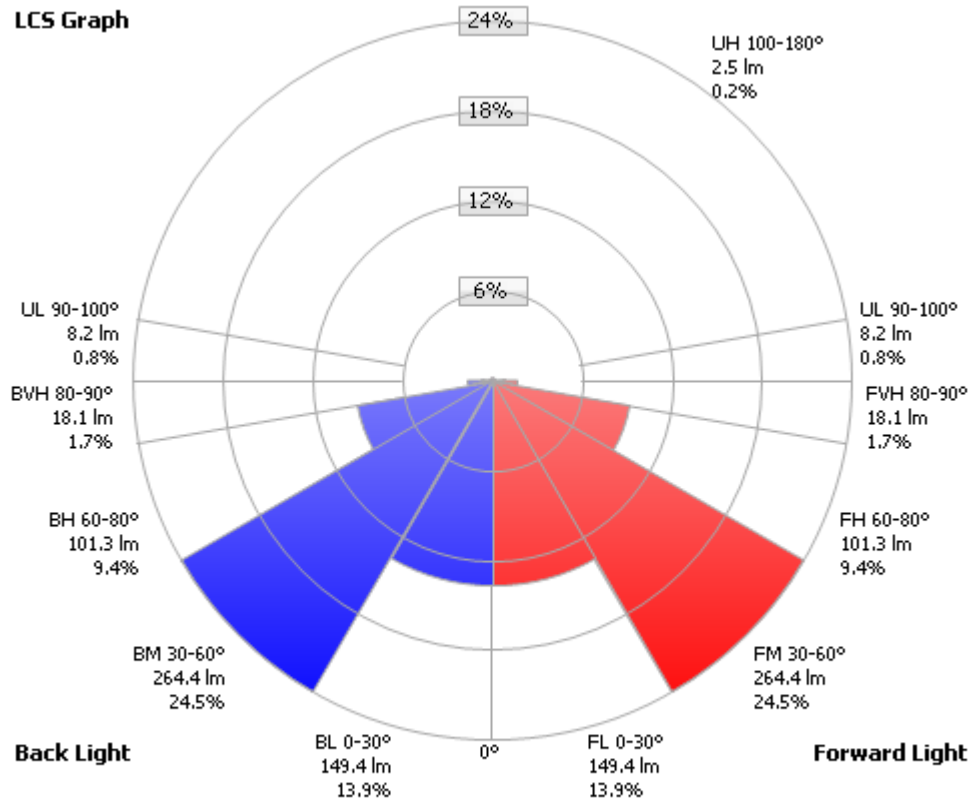
CUTOFF CLASSIFICATION:		CUTOFF
DISTRIBUTION:		TYPE VS
MAX CD, 90 DEG VERT:		16.9
MAX CD, 80 TO <90 DEG:		52.2
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	533.3	49.5%
DOWNWARD HOUSE SIDE:	533.3	49.5%
DOWNWARD TOTAL:	1,066.6	98.9%
UPWARD STREET SIDE:	5.3	0.5%
UPWARD HOUSE SIDE:	5.3	0.5%
UPWARD TOTAL:	10.6	1%
TOTAL LUMENS:	1,077.2	99.9%

LCS TABLE

BUG RATING	B1 - U1 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	149.4	13.9%
MEDIUM(30-60):	264.4	24.5%
HIGH(60-80):	101.3	9.4%
VERY HIGH(80-90):	18.1	1.7%
BACK LIGHT		
LOW(0-30):	149.4	13.9%
MEDIUM(30-60):	264.4	24.5%
HIGH(60-80):	101.3	9.4%
VERY HIGH(80-90):	18.1	1.7%
UPLIGHT		
LOW(90-100):	8.2	0.8%
HIGH(100-180):	2.5	0.2%
TRAPPED LIGHT:	0.9	0.1%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DL-15-2700

LCS Graph



Scale = Max LCS %

Trapped Light: 0.9lm, 0.1%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DL-15-2700

CANDELA TABLE - TYPE C

	0	15	30	45	60	75	90
0	393	393	393	393	393	393	393
5	392	391	391	393	393	391	390
10	384	384	385	385	386	384	384
15	374	371	374	376	375	374	374
20	358	357	359	359	360	359	359
25	341	338	339	341	340	340	339
30	319	316	318	320	319	319	317
35	294	291	293	294	294	293	293
40	267	265	267	268	266	267	267
45	239	237	238	239	239	239	237
50	210	208	210	210	210	210	209
55	181	180	181	181	181	181	180
60	153	151	152	153	153	152	152
65	126	124	125	125	125	125	125
70	99	98	98	99	99	99	99
75	74	74	74	74	74	74	74
80	52	51	52	52	52	52	52
85	33	32	32	32	32	32	32
90	17	16	17	17	17	17	17
95	6.31	6.08	6.15	6.19	6.15	6.19	5.95
100	0.93	0.96	0.92	0.96	0.96	0.96	0.91
105	0.22	0.24	0.26	0.26	0.28	0.26	0.3
110	0.31	0.24	0.26	0.26	0.28	0.26	0.26
115	0.27	0.22	0.28	0.24	0.24	0.24	0.22
120	0.27	0.24	0.22	0.26	0.26	0.24	0.26
125	0.22	0.2	0.22	0.24	0.28	0.28	0.26
130	0.31	0.28	0.31	0.29	0.28	0.3	0.35
135	0.27	0.24	0.24	0.26	0.24	0.26	0.22
140	0.4	0.39	0.33	0.37	0.41	0.37	0.35
145	0.49	0.52	0.5	0.53	0.5	0.5	0.56
150	0.71	0.68	0.63	0.72	0.68	0.72	0.69
155	0.84	0.87	0.92	0.92	0.85	0.89	0.91
160	1.28	1.22	1.2	1.2	1.2	1.17	1.17
165	1.41	1.44	1.46	1.42	1.48	1.46	1.47
170	1.63	1.57	1.57	1.58	1.57	1.63	1.55
175	1.72	1.7	1.66	1.64	1.68	1.65	1.64
180	1.73	1.73	1.73	1.73	1.73	1.73	1.73