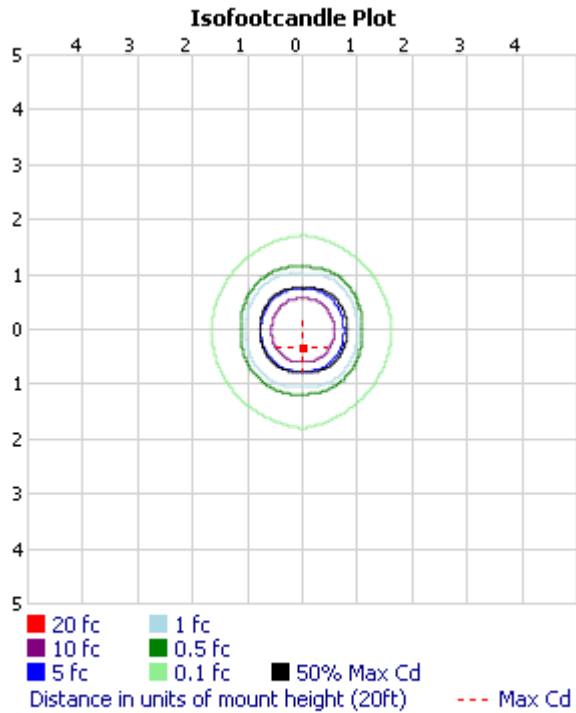
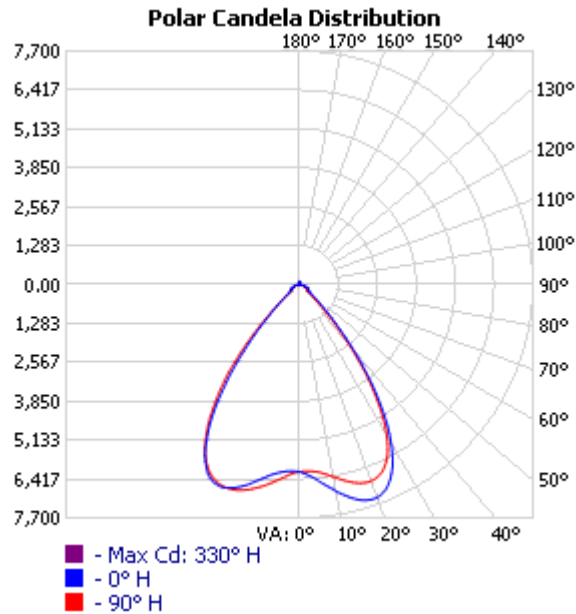


OUTDOOR PHOTOMETRIC REPORT

CATALOG: IL8-50

MANUFACTURER: ADVANTAGE LIGHTING SOLUTIONS  
DESCRIPTION: IL8-50  
LAMP CATALOG:  
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 10947.3  
INPUT WATTAGE: 80.87  
LUMINOUS OPENING: POINT  
MAX CD: 7,613.1 AT HORIZONTAL: 330°, VERTICAL: 20°  
CUTOFF CLASS: CUTOFF  
ROADWAY CLASS: TYPE VS  
EFFICIENCY: 100%



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.  
THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.

**OUTDOOR PHOTOMETRIC REPORT**  
 CATALOG: IL8-50

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5,788.5	52.9%	52.9%
0-40	8,754.2	80%	80%
0-60	10,351.8	94.6%	94.6%
60-90	457.3	4.2%	4.2%
70-100	217.0	2%	2%
90-120	29.2	0.3%	0.3%
0-90	10,809.1	98.7%	98.8%
90-180	136.6	1.2%	1.2%
0-180	10,945.8	100%	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	612.5	5.6%	90-100	7.3	0.1%
10-20	1,986.0	18.1%	100-110	8.9	0.1%
20-30	3,190.0	29.1%	110-120	13.0	0.1%
30-40	2,965.7	27.1%	120-130	18.6	0.2%
40-50	1,261.1	11.5%	130-140	22.9	0.2%
50-60	336.5	3.1%	140-150	23.7	0.2%
60-70	247.6	2.3%	150-160	21.0	0.2%
70-80	160.4	1.5%	160-170	15.3	0.1%
80-90	49.2	0.4%	170-180	5.8	0.1%

**ROADWAY SUMMARY**

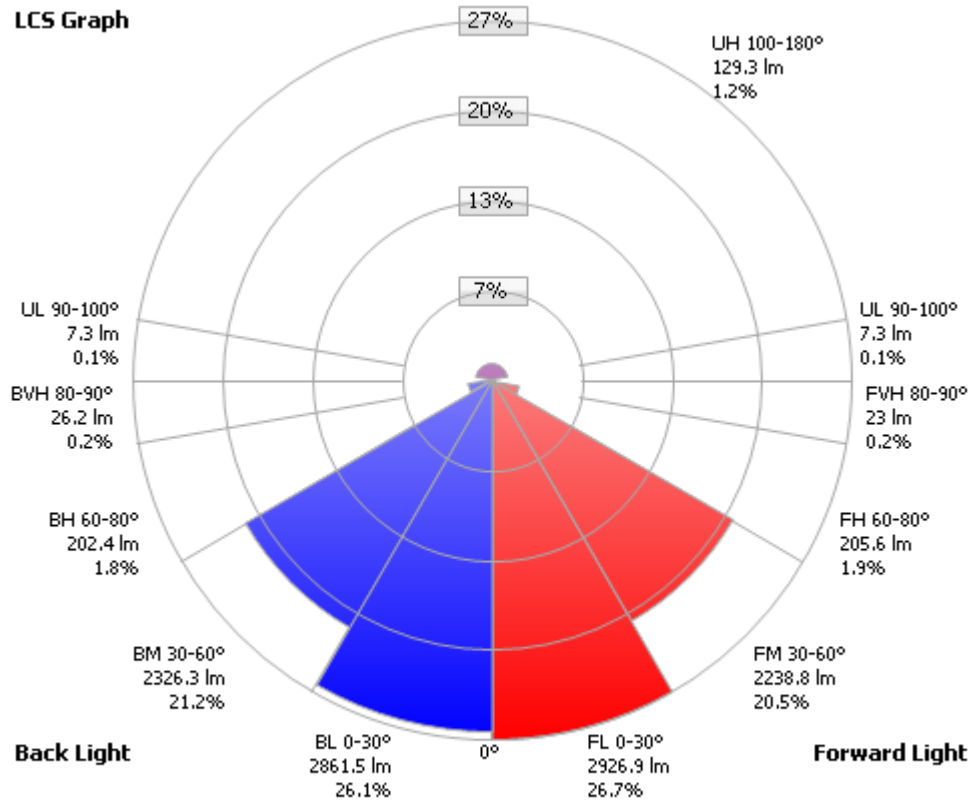
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	12.4
MAX CD, 80 TO <90 DEG:	126.1
	LUMENS % LAMP
DOWNWARD STREET SIDE:	5,394.3 49.3%
DOWNWARD HOUSE SIDE:	5,416.4 49.5%
DOWNWARD TOTAL:	10,810.7 98.8%
UPWARD STREET SIDE:	67.0 0.6%
UPWARD HOUSE SIDE:	69.7 0.6%
UPWARD TOTAL:	136.7 1.2%
TOTAL LUMENS:	10,947.3 100%

**LCS TABLE**

BUG RATING	B4 - U3 - G1
<b>FORWARD LIGHT</b>	LUMENS LUMENS %
LOW(0-30):	2,926.9 26.7%
MEDIUM(30-60):	2,238.8 20.5%
HIGH(60-80):	205.6 1.9%
VERY HIGH(80-90):	23.0 0.2%
<b>BACK LIGHT</b>	
LOW(0-30):	2,861.5 26.1%
MEDIUM(30-60):	2,326.3 21.2%
HIGH(60-80):	202.4 1.8%
VERY HIGH(80-90):	26.2 0.2%
<b>UPLIGHT</b>	
LOW(90-100):	7.3 0.1%
HIGH(100-180):	129.3 1.2%
<b>TRAPPED LIGHT:</b>	0.000 0%

**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: IL8-50

**LCS Graph**



**Back Light**

**Forward Light**

Scale = Max LCS %

Trapped Light: 0lm, 0%

**OUTDOOR PHOTOMETRIC REPORT**  
CATALOG: IL8-50

**CANDELA TABLE - TYPE C**

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	6169	6169	6169	6169	6169	6169	6169	6169	6169	6169	6169	6169	6169
5	6460	6372	6273	6194	6139	6130	6195	6243	6319	6397	6454	6478	6460
10	6917	6744	6574	6436	6351	6328	6444	6576	6665	6729	6856	6941	6917
15	7334	7115	6914	6753	6689	6685	6850	7019	7007	7013	7237	7388	7334
20	7471	7301	7098	6895	6913	6992	7127	7337	7198	7123	7429	7613	7471
25	7077	7050	6849	6624	6744	6969	7015	7308	7081	6918	7241	7397	7077
30	6033	6225	5984	5739	5962	6361	6223	6689	6446	6252	6487	6545	6033
35	4433	4813	4518	4210	4527	5044	4743	5416	5225	4983	5116	5095	4433
40	2638	3107	2803	2403	2810	3332	2874	3700	3586	3327	3378	3355	2638
45	1317	1588	1265	914	1310	1740	1395	2036	1950	1576	1794	1826	1317
50	633	647	439	350	479	713	626	852	765	529	718	814	633
55	390	329	288	288	292	351	380	376	332	317	347	394	390
60	343	279	257	260	253	272	323	294	287	295	293	308	343
65	308	246	214	209	216	237	289	260	254	266	258	268	308
70	256	205	167	158	168	198	246	221	206	203	206	226	256
75	178	153	123	104	123	154	171	179	157	149	159	177	178
80	111	92	71	58	76	99	111	126	109	92	105	113	111
85	51	29	20	21	27	42	57	62	54	45	44	47	51
90	9	5	5	5	8	7	11	12	12	10	12	9	9
95	7	7	6	7	5	7	5	5	6	6	8	7	7
100	7	7	6	6	9	7	7	8	6	3	7	9	7
105	10	6	8	7	10	9	7	9	8	5	8	12	10
110	13	8	10	10	12	9	9	11	11	9	8	13	13
115	13	12	12	12	16	12	15	16	12	10	11	14	13
120	19	15	15	17	18	16	19	18	16	15	16	18	19
125	20	20	22	19	25	19	20	23	20	17	20	22	20
130	24	22	26	26	31	25	25	30	23	22	24	25	24
135	29	27	29	31	34	32	31	34	25	27	28	30	29
140	35	31	32	35	38	36	33	38	30	31	34	34	35
145	39	37	35	39	42	39	38	42	35	35	37	34	39
150	42	44	40	42	47	40	44	46	38	37	41	41	42
155	47	45	45	45	49	46	48	52	43	41	47	44	47
160	51	50	49	49	53	51	52	52	46	46	50	48	51
165	57	55	52	56	59	53	56	57	52	52	55	54	57
170	60	59	56	59	62	58	57	60	54	54	58	59	60
175	62	63	60	62	66	63	62	65	60	60	62	62	62
180	64	64	64	64	64	64	64	64	64	64	64	64	64