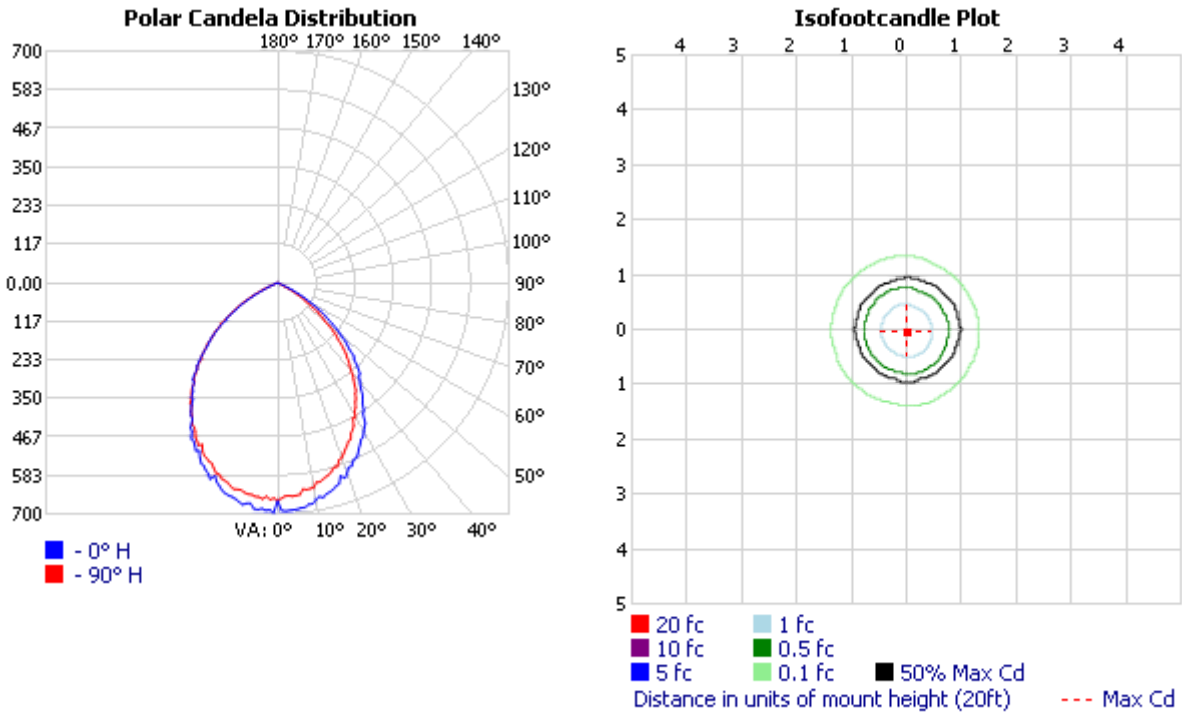


OUTDOOR PHOTOMETRIC REPORT

CATALOG: DL-15-4000

MANUFACTURER: Advantage Lighting Solutions
TEST #: LCZP16050302
TEST LAB: LCTECH
TEST DATE: 2016-7-2
CATALOG: DL-15-4000
DESCRIPTION: SSL DOWNLIGHT RETROFITS
LAMP CATALOG: LEDLED
LAMP: 1 LAMP, RATED LUMENS/LAMP: 1164.9
LAMP OUTPUT:
INPUT WATTAGE: 15
LUMINOUS OPENING: POINT
MAX CD: 696.6 AT HORIZONTAL: 180°, VERTICAL: 1°
CUTOFF CLASS: FULL CUTOFF
ROADWAY CLASS: TYPE VS
EFFICIENCY: 100%



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OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DL-15-4000

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	483.1	41.5%	41.5%
0-40	755.0	64.8%	64.8%
0-60	1,138.8	97.8%	97.8%
60-90	26.0	2.2%	2.2%
70-100	0.000	0%	0%
90-120	0.000	0%	0%
0-90	1,164.8	100%	100%
90-180	0.000	0%	0%
0-180	1,164.8	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	61.8	5.3%	90-100	0.000	0%
10-20	172.9	14.8%	100-110	0.000	0%
20-30	248.4	21.3%	110-120	0.000	0%
30-40	271.8	23.3%	120-130	0.000	0%
40-50	237.5	20.4%	130-140	0.000	0%
50-60	146.3	12.6%	140-150	0.000	0%
60-70	26.0	2.2%	150-160	0.000	0%
70-80	0.000	0.0%	160-170	0.000	0%
80-90	0.000	0.0%	170-180	0.000	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	FULL CUTOFF	
DISTRIBUTION:	TYPE VS	
MAX CD, 90 DEG VERT:	0.000	
MAX CD, 80 TO <90 DEG:	0.000	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	585.6	50.3%
DOWNWARD HOUSE SIDE:	579.4	49.7%
DOWNWARD TOTAL:	1,165.0	100%
UPWARD STREET SIDE:	0.000	0%
UPWARD HOUSE SIDE:	0.000	0%
UPWARD TOTAL:	0.000	0%
TOTAL LUMENS:	1,165.0	100%

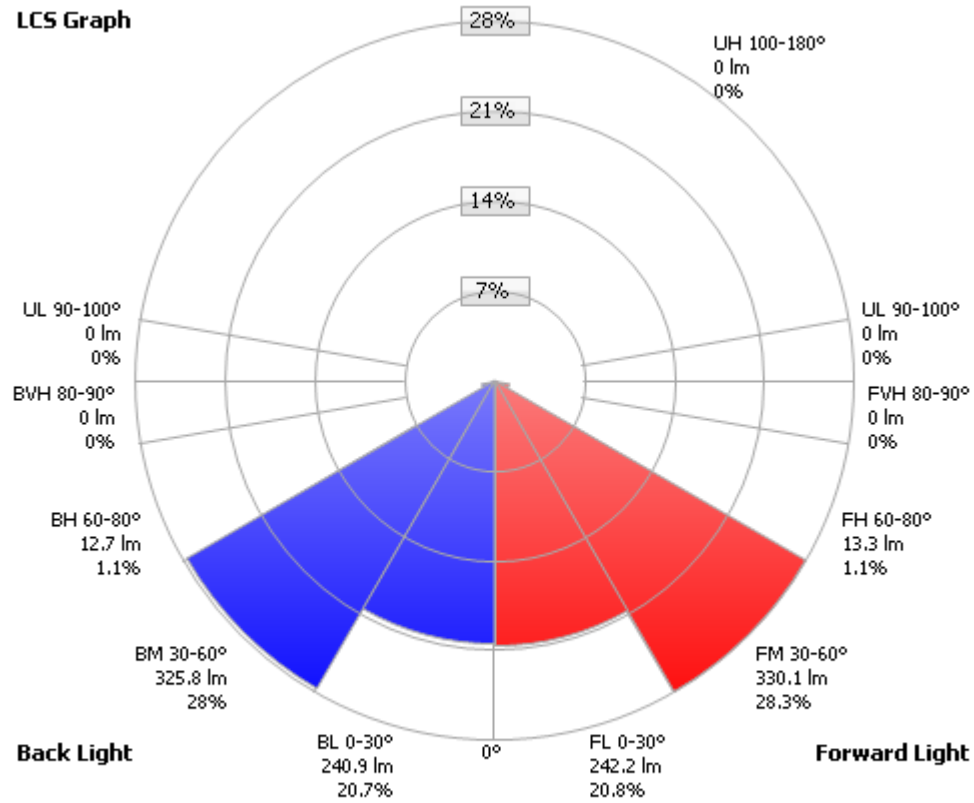
LCS TABLE

BUG RATING	B1 - U0 - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	242.2	20.8%
MEDIUM(30-60):	330.1	28.3%
HIGH(60-80):	13.3	1.1%
VERY HIGH(80-90):	0.000	0%
BACK LIGHT		
LOW(0-30):	240.9	20.7%
MEDIUM(30-60):	325.8	28%
HIGH(60-80):	12.7	1.1%
VERY HIGH(80-90):	0.000	0%
UPLIGHT		
LOW(90-100):	0.000	0%
HIGH(100-180):	0.000	0%
TRAPPED LIGHT:	0.000	0%

OUTDOOR PHOTOMETRIC REPORT

CATALOG: DL-15-4000

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DL-15-4000

CANDELA TABLE - TYPE C

	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660	660
5	688	680	669	661	650	647	646	642	640	634	637	636	690	673	675	657	652	654	650	648	643	643	641	634	688
10	666	668	645	644	633	621	629	626	615	621	619	620	673	665	658	639	631	639	637	634	636	632	633	631	666
15	647	638	613	610	613	596	601	598	593	597	588	585	650	645	638	631	625	619	619	614	599	603	611	603	647
20	614	605	581	579	574	568	565	557	554	562	555	555	614	610	603	594	594	592	581	585	581	581	591	573	614
25	574	560	546	537	530	523	523	522	515	525	518	520	561	555	563	555	561	551	540	547	548	536	542	527	574
30	520	511	496	492	470	479	469	467	459	470	465	476	518	485	504	508	514	504	504	492	506	501	495	488	520
35	447	456	435	437	421	416	409	416	397	414	410	419	455	453	456	457	462	448	452	447	451	442	440	435	447
40	386	393	376	376	357	357	344	348	343	353	347	360	393	391	397	390	400	393	391	387	388	384	382	375	386
45	326	316	310	302	290	292	282	276	276	277	282	296	336	323	333	324	329	329	327	316	335	320	320	311	326
50	254	249	235	230	220	216	204	211	206	206	211	223	263	249	261	261	263	261	259	256	261	252	252	235	254
55	177	175	161	157	143	136	130	141	131	140	138	146	188	177	176	185	191	186	192	183	191	178	175	169	177
60	100	91	75	79	63	71	58	62	55	67	61	72	106	100	112	107	113	107	119	107	114	103	103	93	100
65	19	17	0	0	0	0	0	0	0	0	0	0	29	24	30	27	39	28	42	27	38	27	32	11	19
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0