

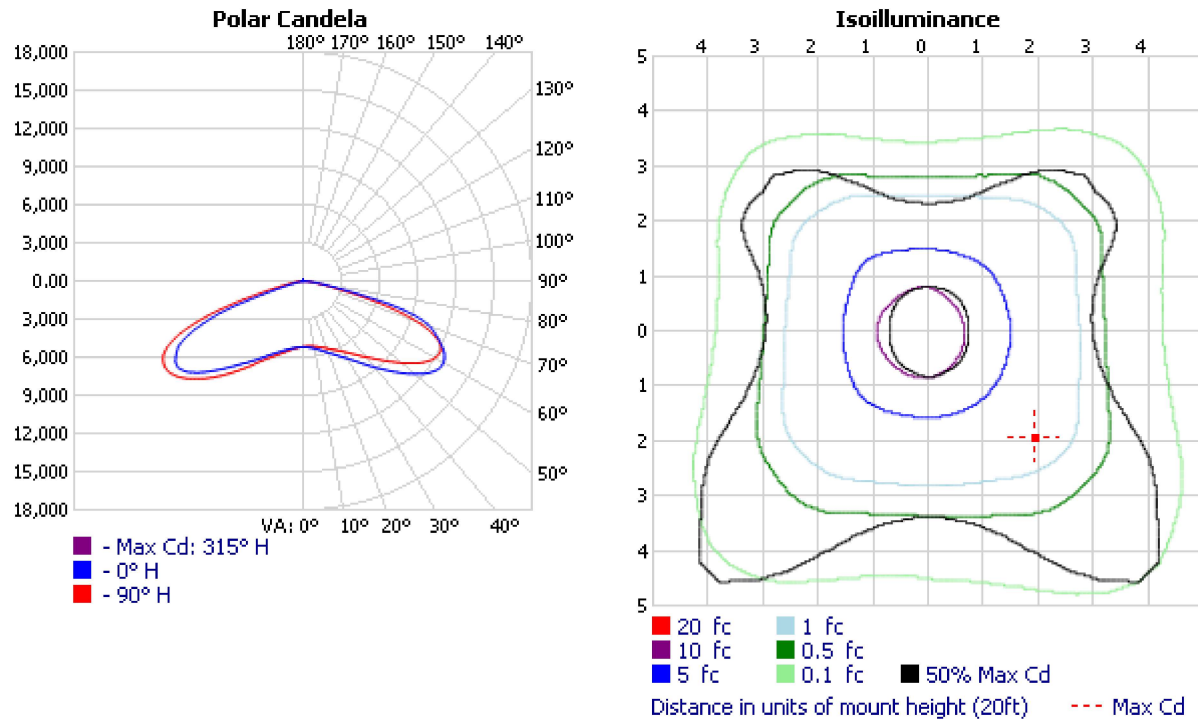
OUTDOOR PHOTOMETRIC REPORT

CATALOG: V19.02



Manufacturer: ADVANTAGE LIGHTING SOLUTIONS
 Test #: v19.02
 Description: FD-35050(7x7)
 Lamp Catalog: L130-4070-Q5DG
 Lamp: EUD-320S670DT-ZV01 AC100-277V 6000mA 36VDC
 Lamp Output: 1 lamp, rated Lumens/lamp: 50750
 Input Wattage: 351.2
 Luminous Opening: Rectangle w/Luminous Sides (L: 25.04", W: 13.35", H: 0.39")
 Max Cd: 17,415.0 at Horizontal: 315°, Vertical: 67°
 CUTOFF CLASS: Semicutoff
 Roadway Class: SHORT, TYPE IV
 Efficiency: 100%

No
Photo
Available



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V19.02
VISUAL PHOTOMETRIC TOOL

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Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5,083.8	10%	10%
0-40	9,970.6	19.6%	19.6%
0-60	28,560.7	56.3%	56.3%
60-90	21,754.6	42.9%	42.9%
70-100	8,775.2	17.3%	17.3%
90-120	192.3	0.4%	0.4%
0-90	50,315.2	99.1%	99.1%
90-180	434.4	0.9%	0.9%
0-180	50,749.6	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	502.1	1.0%	90-100	54.9	0.1%
10-20	1,603.5	3.2%	100-110	65.9	0.1%
20-30	2,978.1	5.9%	110-120	71.5	0.1%
30-40	4,886.8	9.6%	120-130	69.9	0.1%
40-50	7,566.5	14.9%	130-140	63.6	0.1%
50-60	11,023.6	21.7%	140-150	50.4	0.1%
60-70	13,034.3	25.7%	150-160	33.5	0.1%
70-80	7,678.0	15.1%	160-170	18.7	0%
80-90	1,042.4	2.1%	170-180	6.0	0%

Roadway Summary

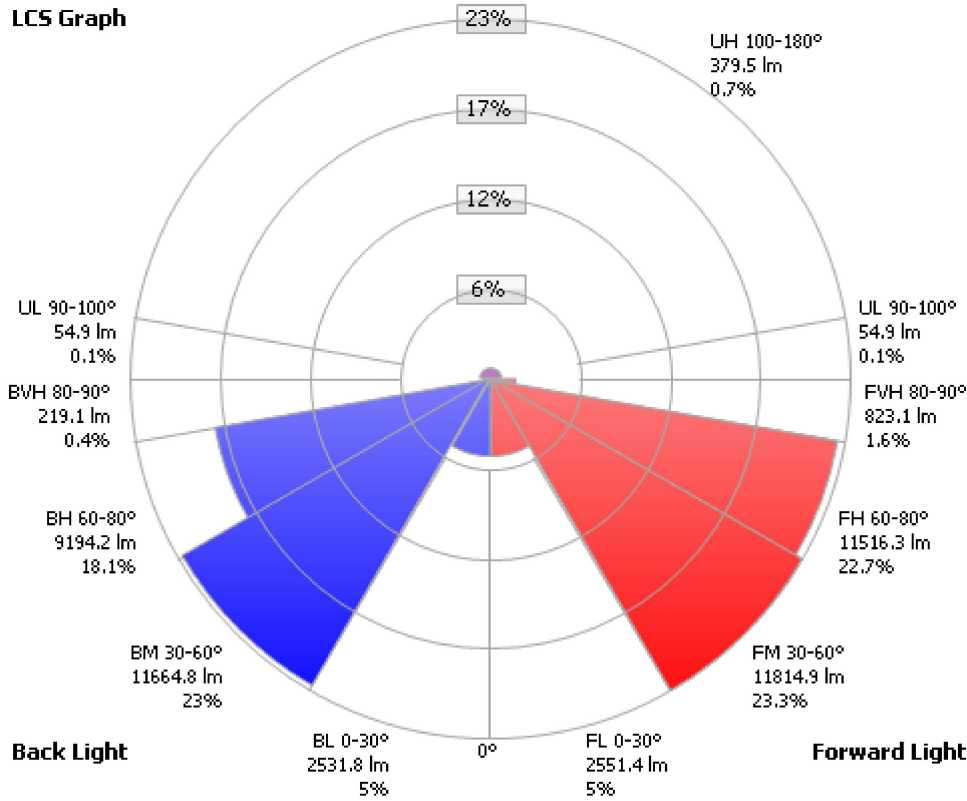
Cutoff Classification:	SEMICUTOFF	
Distribution:	TYPE IV, SHORT	
Max Cd, 90 Deg Vert:	265.9	
Max Cd, 80 to <90 Deg:	9,388.3	
	Lumens	% Lamp
Downward Street Side:	26,705.7	52.6%
Downward House Side:	23,609.9	46.5%
Downward Total:	50,315.6	99.1%
Upward Street Side:	208.6	0.4%
Upward House Side:	225.8	0.4%
Upward Total:	434.4	0.9%
Total Lumens:	50,750.0	100%

LCS Table

BUG Rating	B5 - U3 - G5	
Forward Light	Lumens	Lumens %
Low(0-30):	2,551.4	5%
Medium(30-60):	11,814.9	23.3%
High(60-80):	11,516.3	22.7%
Very High(80-90):	823.1	1.6%
Back Light		
Low(0-30):	2,531.8	5%
Medium(30-60):	11,664.8	23%
High(60-80):	9,194.2	18.1%
Very High(80-90):	219.1	0.4%
Uplight		
Low(90-100):	54.9	0.1%
High(100-180):	379.5	0.7%
Trapped Light:	0.000	0%



LCS Graph



Scale = Max LCS %
Trapped Light: 0 lm, 0%

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Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
5	5236	5184	5154	5132	5135	5170	5232	5245	5265	5273	5280	5260	5236
10	5394	5315	5250	5211	5227	5280	5388	5430	5472	5488	5486	5450	5394
15	5659	5547	5443	5373	5397	5477	5638	5708	5775	5807	5801	5742	5659
20	6019	5870	5726	5632	5648	5765	5982	6078	6173	6216	6209	6124	6019
25	6477	6275	6096	5984	5963	6125	6440	6542	6668	6736	6698	6592	6477
30	7052	6760	6549	6419	6390	6633	7091	7239	7364	7478	7361	7191	7052
35	7861	7432	7176	7034	7001	7270	7843	7990	8250	8474	8321	8106	7861
40	8877	8293	7945	7814	7621	8001	8797	8891	9226	9629	9332	9100	8877
45	10072	9265	8821	8798	8491	9022	9957	10103	10506	10822	10508	10219	10072
50	11353	10526	9996	9999	9712	10352	11174	11597	11938	11923	11856	11617	11353
55	12429	12035	11486	11212	11354	11884	11924	13301	13345	12669	13268	13152	12429
60	12760	13415	13115	12034	13189	12965	11535	14596	14301	12715	14542	14444	12760
65	12042	14117	14443	11932	14684	12707	9926	14517	14361	11510	15380	14880	12042
70	10720	13644	14782	9860	14362	10802	5908	11516	12271	8073	14544	14060	10720
75	7084	12549	12436	5085	9877	5605	1219	4847	6326	3011	10247	12161	7084
80	1962	6575	5512	1507	3108	1212	147	917	1771	922	3707	5128	1962
85	605	1769	1795	492	685	97	29	56	346	290	1173	1313	605
90	58	121	213	33	47	57	40	40	36	27	62	76	58
95	35	44	47	37	55	64	51	50	46	37	55	48	35
100	44	47	53	49	64	70	61	55	54	47	59	55	44
105	54	56	57	59	73	75	69	59	63	56	62	63	54
110	61	61	66	66	76	81	75	67	69	62	64	67	61
115	66	65	68	68	86	87	79	73	71	62	69	71	66
120	70	69	77	68	89	88	82	71	78	65	73	74	70
125	72	71	73	72	96	89	83	73	77	69	67	75	72
130	74	73	72	73	99	86	85	75	80	75	75	78	74
135	77	80	75	77	100	93	87	80	80	80	80	82	77
140	79	83	81	77	101	95	86	78	79	71	79	82	79
145	80	85	77	80	97	88	83	72	77	69	72	77	80
150	78	77	77	74	94	82	79	66	69	69	66	75	78
155	75	76	74	73	85	83	74	62	65	66	64	73	75
160	71	74	68	68	76	80	70	54	60	63	60	71	71
165	68	72	64	66	72	78	67	54	59	60	56	67	68
170	66	69	60	64	67	74	65	49	61	59	61	67	66
175	65	63	54	62	65	73	65	49	57	61	59	64	65
180	62	62	62	62	62	62	62	62	62	62	62	62	62