

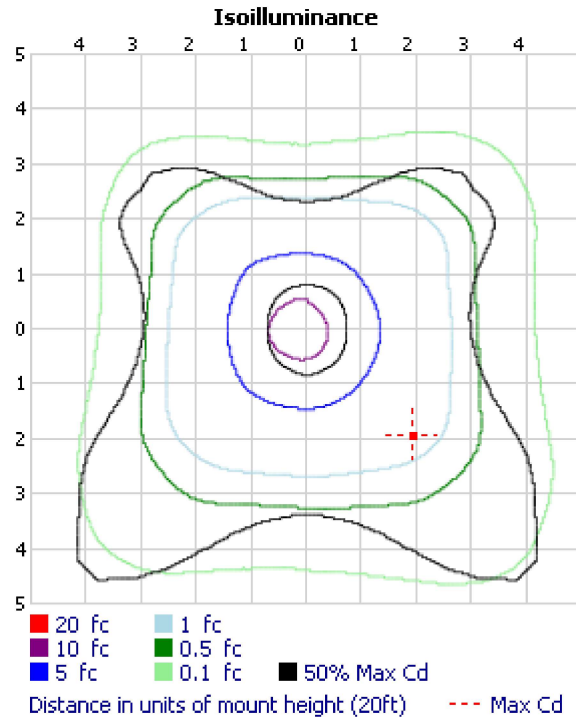
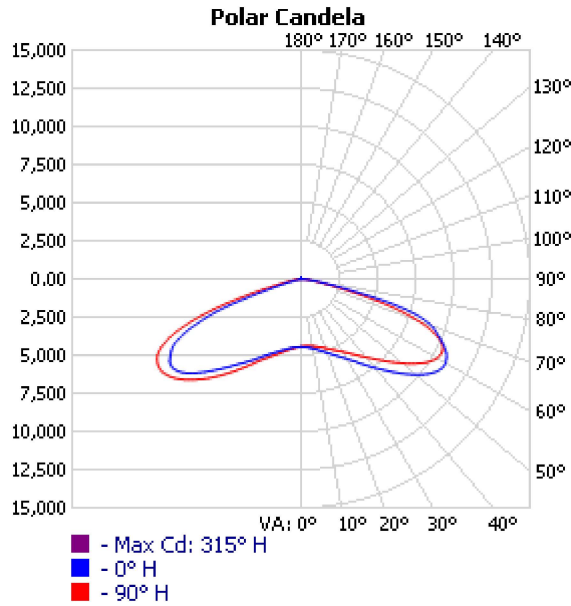
OUTDOOR PHOTOMETRIC REPORT

CATALOG: V19.02



Manufacturer: ADVANTAGE LIGHTING SOLUTIONS
 Test #: v19.02
 Description: FD-30050(7x7)
 Lamp Catalog: L130-4070-Q5DG
 Lamp: EUD-320S670DT-ZV01 AC100-277V 6000mA 36VDC
 Lamp Output: 1 lamp, rated Lumens/lamp: 43500
 Input Wattage: 298.5
 Luminous Opening: Rectangle w/Luminous Sides (L: 25.04", W: 13.35", H: 0.39")
 Max Cd: 14,927.1 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

PAGE 1 OF 4

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Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	4,357.5	10%	10%
0-40	8,546.2	19.6%	19.6%
0-60	24,480.6	56.3%	56.3%
60-90	18,646.8	42.9%	42.9%
70-100	7,521.6	17.3%	17.3%
90-120	164.8	0.4%	0.4%
0-90	43,127.3	99.1%	99.1%
90-180	372.3	0.9%	0.9%
0-180	43,499.6	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	430.4	1.0%	90-100	47.0	0.1%
10-20	1,374.5	3.2%	100-110	56.5	0.1%
20-30	2,552.7	5.9%	110-120	61.3	0.1%
30-40	4,188.7	9.6%	120-130	59.9	0.1%
40-50	6,485.6	14.9%	130-140	54.5	0.1%
50-60	9,448.8	21.7%	140-150	43.2	0.1%
60-70	11,172.2	25.7%	150-160	28.7	0.1%
70-80	6,581.1	15.1%	160-170	16.0	0%
80-90	893.4	2.1%	170-180	5.1	0%

Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	TYPE IV, SHORT	
Max Cd, 90 Deg Vert:	227.9	
Max Cd, 80 to <90 Deg:	8,047.1	
	Lumens	% Lamp
Downward Street Side:	22,890.6	52.6%
Downward House Side:	20,237.0	46.5%
Downward Total:	43,127.6	99.1%
Upward Street Side:	178.8	0.4%
Upward House Side:	193.5	0.4%
Upward Total:	372.4	0.9%
Total Lumens:	43,499.9	100%

LCS Table

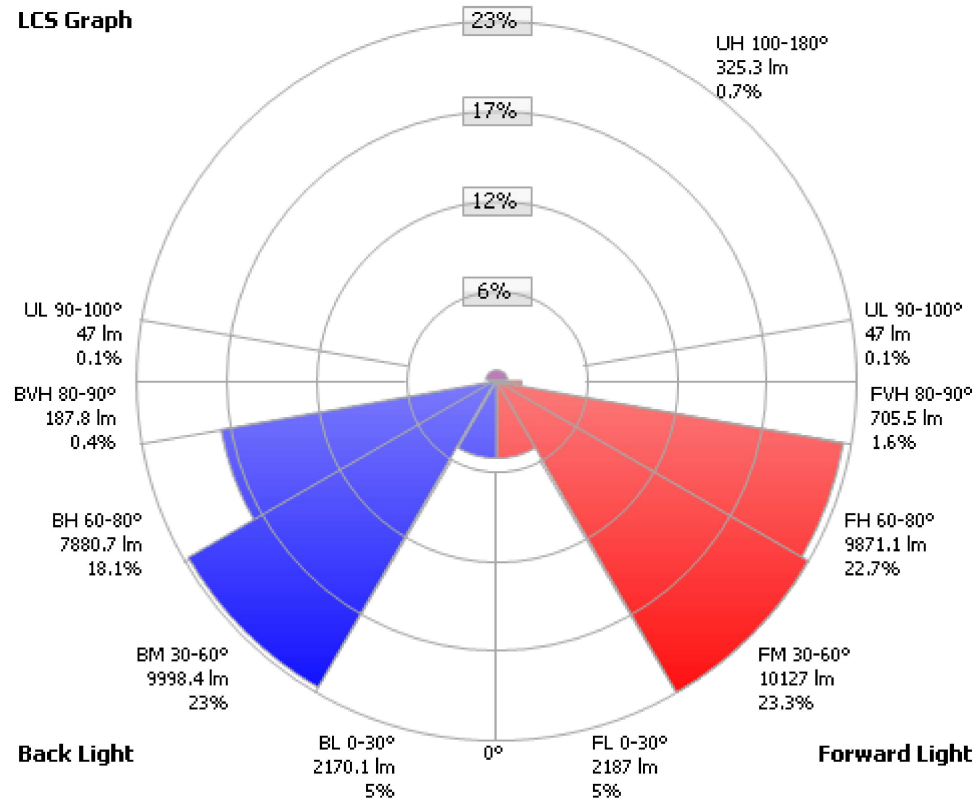
BUG Rating	B5 - U3 - G5	
Forward Light	Lumens	Lumens %
Low(0-30):	2,187.0	5%
Medium(30-60):	10,127.0	23.3%
High(60-80):	9,871.1	22.7%
Very High(80-90):	705.5	1.6%
Back Light		
Low(0-30):	2,170.1	5%
Medium(30-60):	9,998.4	23%
High(60-80):	7,880.7	18.1%
Very High(80-90):	187.8	0.4%
Uplight		
Low(90-100):	47.0	0.1%
High(100-180):	325.3	0.7%
Trapped Light:	0.1	0%



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LCS Graph



Scale = Max LCS %

Trapped Light: 0.1 lm, 0%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: V19.02

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	4421	4421	4421	4421	4421	4421	4421	4421	4421	4421	4421	4421	4421
5	4488	4443	4417	4399	4401	4431	4485	4496	4513	4520	4525	4509	4488
10	4624	4555	4500	4467	4480	4525	4618	4654	4690	4704	4702	4672	4624
15	4850	4754	4665	4606	4626	4694	4833	4893	4950	4977	4972	4922	4850
20	5159	5032	4908	4828	4841	4942	5128	5210	5291	5328	5322	5249	5159
25	5552	5379	5225	5129	5111	5250	5520	5608	5715	5773	5741	5650	5552
30	6045	5794	5614	5502	5477	5685	6078	6205	6312	6410	6309	6164	6045
35	6738	6370	6151	6029	6001	6232	6723	6849	7071	7263	7133	6948	6738
40	7609	7108	6810	6698	6533	6858	7540	7621	7908	8253	7999	7800	7609
45	8633	7942	7561	7541	7278	7733	8535	8660	9005	9276	9007	8759	8633
50	9731	9022	8568	8571	8325	8873	9578	9941	10232	10220	10162	9958	9731
55	10653	10316	9845	9610	9732	10186	10221	11401	11438	10859	11372	11273	10653
60	10937	11498	11241	10315	11305	11113	9887	12511	12258	10898	12465	12380	10937
65	10322	12100	12380	10228	12587	10892	8508	12443	12310	9866	13183	12754	10322
70	9189	11695	12670	8452	12310	9259	5064	9871	10518	6920	12467	12052	9189
75	6072	10756	10660	4359	8466	4804	1045	4154	5422	2581	8783	10424	6072
80	1682	5636	4725	1292	2664	1039	126	786	1518	791	3178	4396	1682
85	519	1517	1538	421	587	83	25	48	296	249	1006	1126	519
90	50	104	182	29	41	49	34	34	30	23	53	65	50
95	30	38	40	32	47	55	44	43	39	31	47	41	30
100	38	40	45	42	55	60	52	47	46	41	50	47	38
105	46	48	49	50	63	64	59	51	54	48	53	54	46
110	52	52	57	57	65	70	64	57	59	53	55	58	52
115	57	56	58	58	74	75	68	62	61	53	60	60	57
120	60	59	66	58	76	75	70	61	67	56	63	63	60
125	62	60	63	61	82	76	71	62	66	60	58	64	62
130	64	63	61	62	85	74	73	64	69	64	64	67	64
135	66	69	64	66	86	80	75	68	68	69	69	70	66
140	68	71	70	66	87	81	74	67	68	60	68	70	68
145	68	73	66	68	83	75	71	62	66	60	61	66	68
150	67	66	66	63	81	70	67	57	60	59	57	64	67
155	64	65	63	62	73	71	64	53	56	57	55	62	64
160	61	63	59	58	65	68	60	46	52	54	52	61	61
165	59	61	55	57	62	67	58	46	50	52	48	57	59
170	57	60	51	55	57	63	56	42	52	51	52	58	57
175	56	54	46	53	56	63	56	42	49	52	50	55	56
180	53	53	53	53	53	53	53	53	53	53	53	53	53