

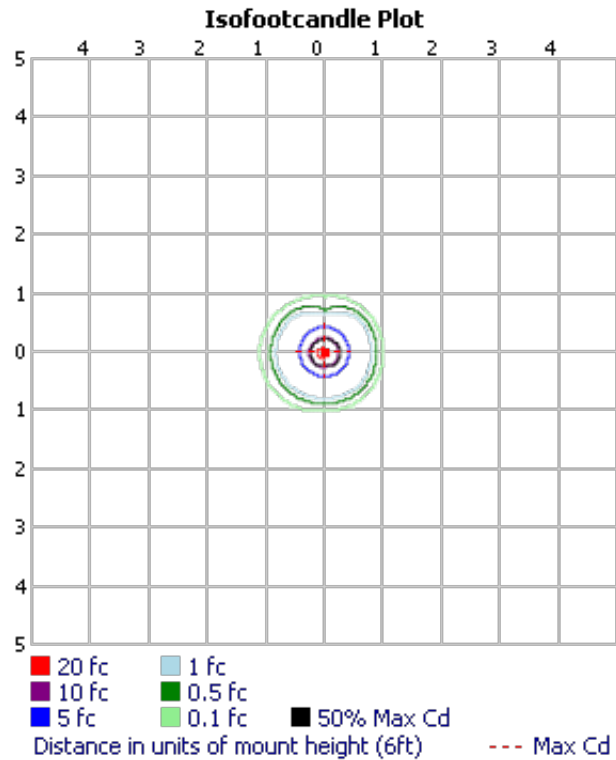
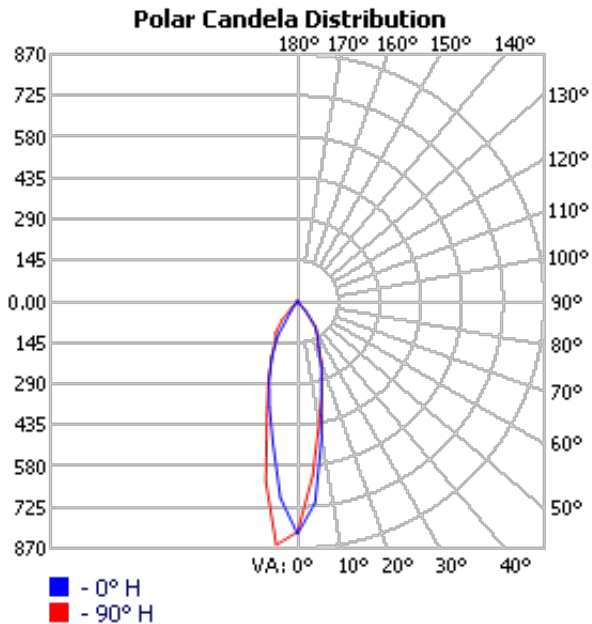
OUTDOOR PHOTOMETRIC REPORT

CATALOG: D3106



MANUFACTURER: PRO-LIGHT
TEST DATE: 2013-1-9
CATALOG: D3106
DESCRIPTION: D3106-WW
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 345.4, ABSOLUTE PHOTOMETRY *
INPUT WATTAGE: 7.9
LUMINOUS OPENING: POINT
MAX CD: 860.5 AT HORIZONTAL: 270°, VERTICAL: 5°
ROADWAY CLASS: VERY SHORT, TYPE I
SEE REPORT NOTES **

No
Photo
Available



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.
*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

**FILE DOES NOT INCLUDE SUFFICIENT VERTICAL DATA TO PROPERLY CALCULATE BUG AND LCS UPLIGHT.
**FILE DOES NOT INCLUDE UPPER HEMISPHERE DATA(90-180) AND HAS CD > 0 AT 90° VERTICAL.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2017, ACUITY BRANDS LIGHTING.
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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	256.6	74.3%
0-40	322.7	93.4%
0-60	342.8	99.3%
60-90	2.5	0.7%
0-90	345.4	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	60.8	17.6%
10-20	103.7	30.0%
20-30	92.0	26.6%
30-40	66.1	19.1%
40-50	16.5	4.8%
50-60	3.7	1.1%
60-70	1.7	0.5%
70-80	0.6	0.2%
80-90	0.2	0.1%

ROADWAY SUMMARY

DISTRIBUTION: TYPE I, VERY SHORT
 MAX CD, 90 DEG VERT: 0.5
 MAX CD, 80 TO <90 DEG: 0.5

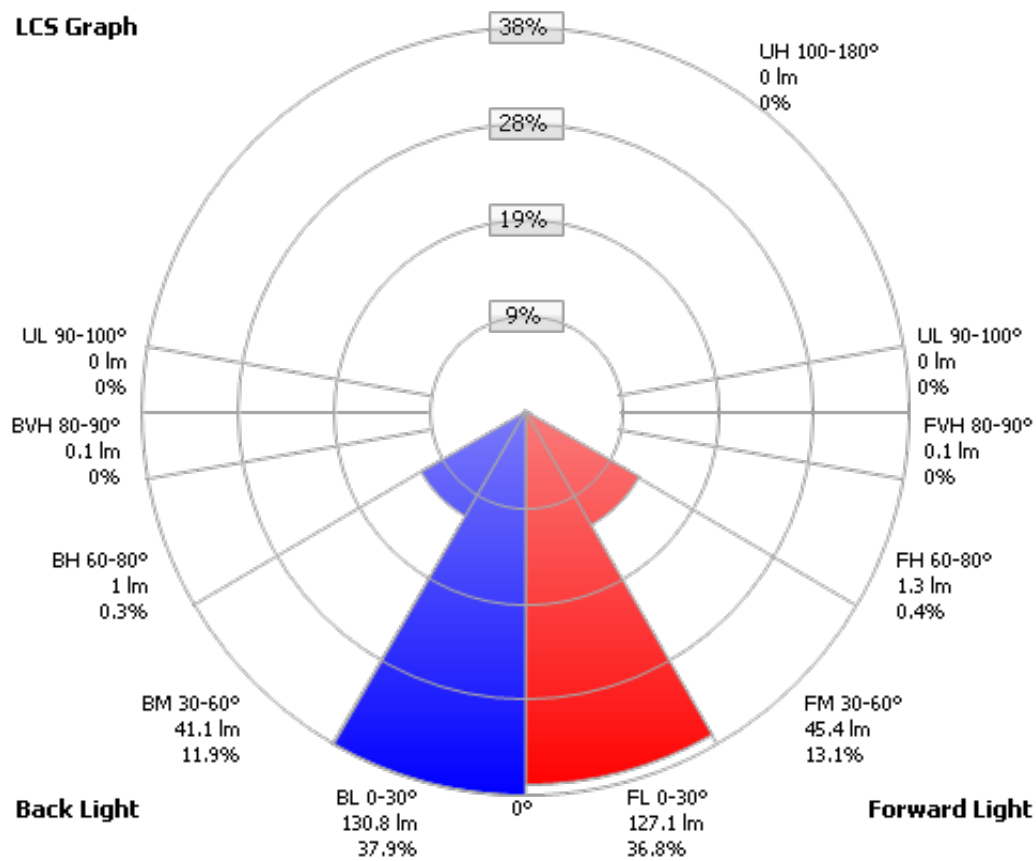
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	173.9	50.4%
DOWNWARD HOUSE SIDE:	173.1	50.1%
DOWNWARD TOTAL:	347.0	100.5%
TOTAL LUMENS:	347.0	100.5%

LCS TABLE

BUG RATING **B1 - UX - G0**

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	127.1	36.8%
MEDIUM(30-60):	45.4	13.1%
HIGH(60-80):	1.3	0.4%
VERY HIGH(80-90):	0.1	0%
BACK LIGHT		
LOW(0-30):	130.8	37.9%
MEDIUM(30-60):	41.1	11.9%
HIGH(60-80):	1.0	0.3%
VERY HIGH(80-90):	0.1	0%
TRAPPED LIGHT:	0.000	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0lm, 0%

CANDELA TABLE - TYPE C

	0	45	90	135	180	225	270	315	360
0	818	819	812	810	818	819	812	810	818
5	710	680	616	615	694	762	861	819	710
10	489	467	434	453	502	557	644	597	489
15	325	334	334	353	383	384	417	399	325
20	245	258	251	269	294	293	303	276	245
25	176	180	176	194	215	214	216	196	176
30	143	142	139	150	140	155	155	155	143
35	110	115	111	126	37	130	133	130	110
40	48	60	51	64	15	73	87	71	48
45	10	10	9	9	8	14	25	14	10
50	7	6	5	5	5	5	7	8	7
55	4	4	4	3	3	3	5	5	4
60	3	3	2	2	2	2	3	3	3
65	2	2	1	1	2	1	2	2	2
70	1	1	1	1	1	1	1	1	1
75	1	1	0	0	1	0	1	1	1
80	1	0	0	0	1	0	0	0	1
85	0	0	0	0	0	0	0	0	0
90	0	0	0	0	1	0	0	0	0