

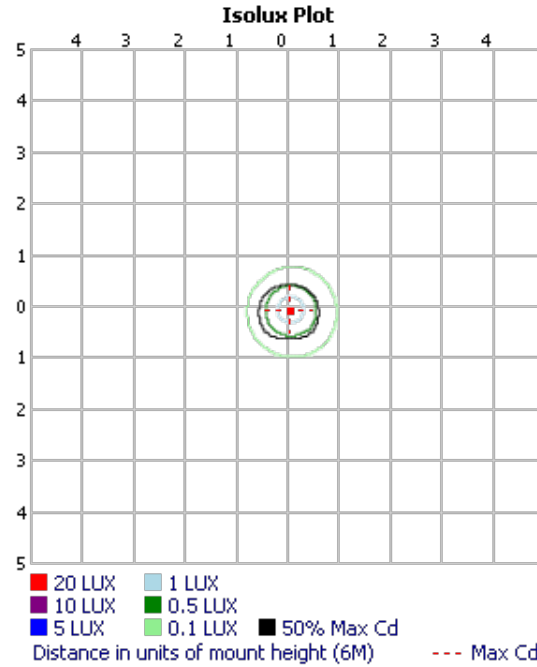
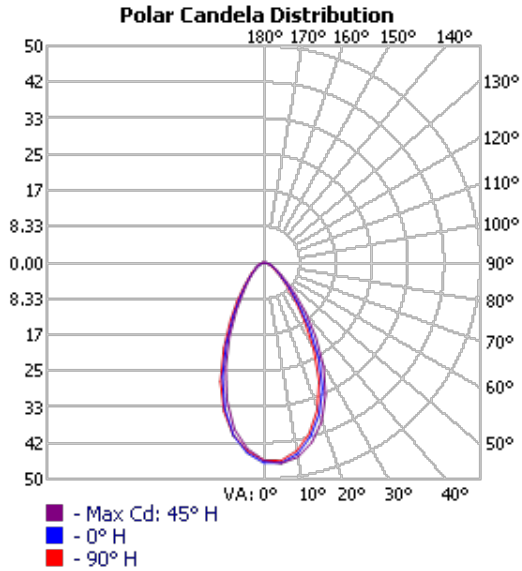
**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: E2102



MANUFACTURER: PRO-LIGHT  
TEST DATE: 2013-11-12  
CATALOG: E2102  
DESCRIPTION: E2102  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 46.4, ABSOLUTE PHOTOMETRY \*  
INPUT WATTAGE: 2.2  
LUMINOUS OPENING: POINT  
MAX CD: 46.5 AT HORIZONTAL: 45°, 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	26.7	57.6%
0-40	35.4	76.4%
0-60	43.5	93.7%
60-90	2.9	6.3%
0-90	46.4	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL
0-10	4.2	9.1%
10-20	10.6	22.8%
20-30	11.9	25.7%
30-40	8.7	18.8%
40-50	5.1	11.0%
50-60	2.9	6.3%
60-70	1.7	3.7%
70-80	0.9	1.9%
80-90	0.3	0.6%

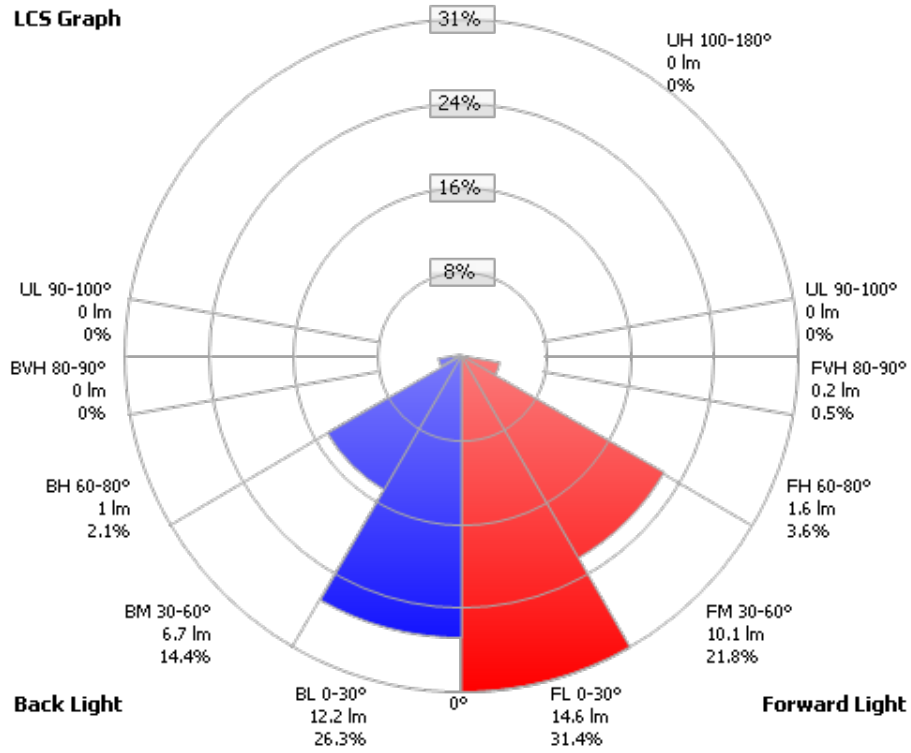
**ROADWAY SUMMARY**

<b>DISTRIBUTION:</b>	TYPE I, VERY SHORT	
MAX CD, 90 DEG VERT:	0.3	
MAX CD, 80 TO <90 DEG:	0.9	
	<b>LUMENS</b>	<b>% LAMP</b>
DOWNWARD STREET SIDE:	26.6	57.3%
DOWNWARD HOUSE SIDE:	19.9	42.9%
DOWNWARD TOTAL:	46.4	100.1%
TOTAL LUMENS:	46.4	100.1%

**LCS TABLE**

<b>BUG RATING</b>	<b>B0 - UX - G0</b>	
<b>FORWARD LIGHT</b>	LUMENS	LUMENS %
LOW(0-30):	14.6	31.4%
MEDIUM(30-60):	10.1	21.8%
HIGH(60-80):	1.6	3.6%
VERY HIGH(80-90):	0.2	0.5%
<b>BACK LIGHT</b>		
LOW(0-30):	12.2	26.3%
MEDIUM(30-60):	6.7	14.4%
HIGH(60-80):	1.0	2.1%
VERY HIGH(80-90):	0.0	0%
<b>TRAPPED LIGHT:</b>	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	46.2	45.6	45.5	46.2	46.2	45.6	45.5	46.2	46.2
5	46.4	<b>46.5</b>	45.9	45.3	44.1	43.1	43.7	45.4	46.4
10	44.8	45.5	44.1	42.7	40.4	39.1	40.4	43.1	44.8
15	41.6	42.9	40.7	38.3	34.9	32.9	35.5	39.5	41.6
20	37.3	39.1	36.1	32.3	28	25.7	29.2	34.5	37.3
25	32.1	33.7	30.2	25.3	20.4	18.7	21.8	27.8	32.1
30	25.3	27.6	23.1	17.9	14	12.6	15.4	20.6	25.3
35	18.2	20.9	16.4	12	9.4	8.3	10.5	14	18.2
40	12.3	15	11.4	8.4	6.4	5.6	6.9	9.4	12.3
45	8.5	10.2	7.6	5.7	4.5	4	4.7	6.3	8.5
50	5.6	6.9	5.3	4	3.1	2.8	3.6	4.3	5.6
55	4.1	4.8	3.8	2.9	2.3	2.1	2.4	3.1	4.1
60	3	3.6	2.7	2.3	1.6	1.6	1.9	2.3	3
65	2.3	2.5	2.1	1.5	1	1	1.4	1.8	2.3
70	1.7	2	1.6	1	0.7	0.6	0.9	1.3	1.7
75	1.3	1.5	1	0.7	0.4	0.3	0.6	0.9	1.3
80	0.9	0.9	0.7	0.3	0	0.1	0.3	0.6	0.9
85	0.5	0.6	0.3	-0.104	0	-0.104	0	0.3	0.5
90	0.2	0.3	0.1	-0.104	-0.104	0	0	0	0.2