

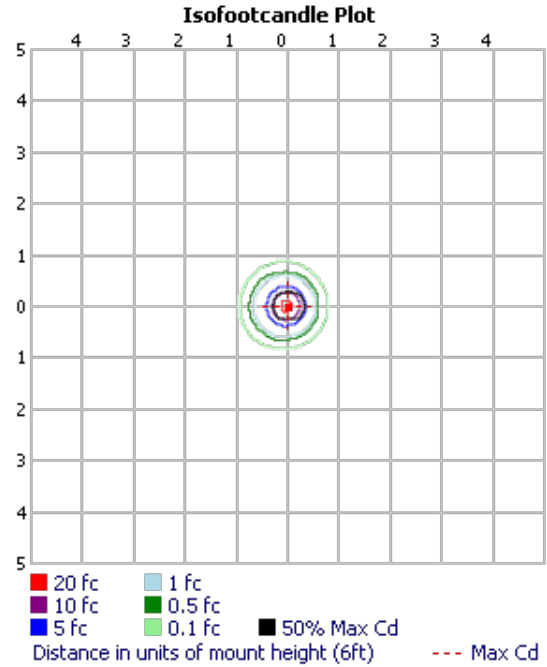
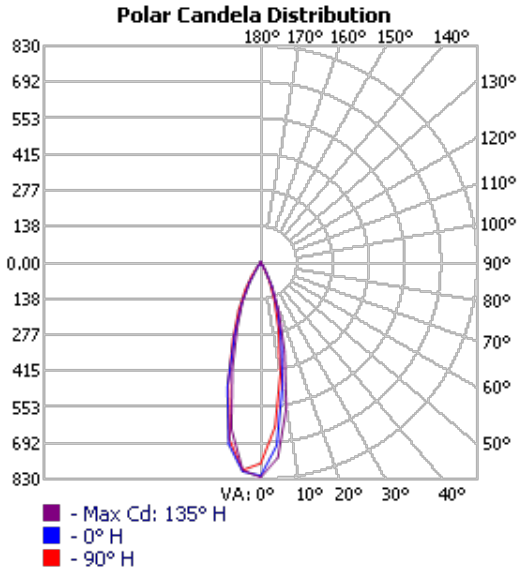
OUTDOOR PHOTOMETRIC REPORT

CATALOG: E3105



MANUFACTURER: PRO-LIGHT
TEST DATE: 2012-12-30
CATALOG: E3105
DESCRIPTION: E3105-WW
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 266, ABSOLUTE PHOTOMETRY *
INPUT WATTAGE: 4.8
LUMINOUS OPENING: POINT
MAX CD: 822.1 AT HORIZONTAL: 135°, VERTICAL: 0°
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	237.7	89.3%
0-40	257.4	96.7%
0-60	263.2	98.9%
60-90	2.8	1.1%
0-90	266.0	100%

LUMENS PER ZONE

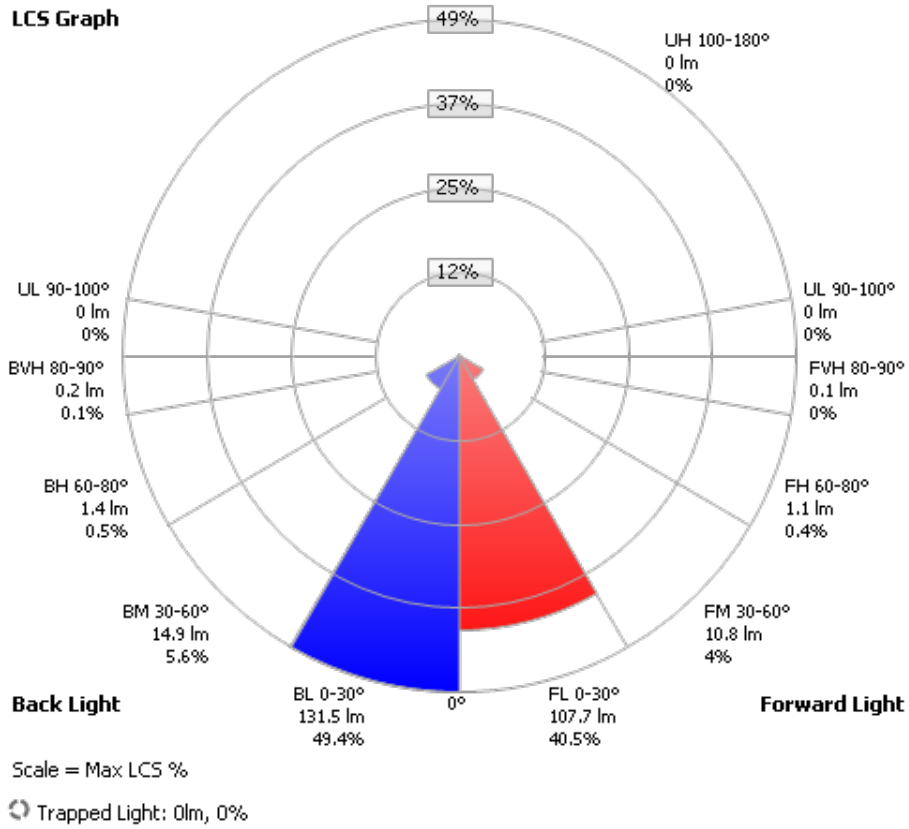
ZONE	LUMENS	% TOTAL
0-10	64.9	24.4%
10-20	108.0	40.6%
20-30	64.7	24.3%
30-40	19.7	7.4%
40-50	3.8	1.4%
50-60	2.1	0.8%
60-70	1.6	0.6%
70-80	0.9	0.3%
80-90	0.3	0.1%

ROADWAY SUMMARY

DISTRIBUTION:	TYPE I, VERY SHORT	
MAX CD, 90 DEG VERT:	0.2	
MAX CD, 80 TO <90 DEG:	0.9	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	119.7	45%
DOWNWARD HOUSE SIDE:	148.0	55.6%
DOWNWARD TOTAL:	267.7	100.6%
TOTAL LUMENS:	267.7	100.6%

LCS TABLE

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	107.7	40.5%
MEDIUM(30-60):	10.8	4%
HIGH(60-80):	1.1	0.4%
VERY HIGH(80-90):	0.1	0%
BACK LIGHT		
LOW(0-30):	131.5	49.4%
MEDIUM(30-60):	14.9	5.6%
HIGH(60-80):	1.4	0.5%
VERY HIGH(80-90):	0.2	0.1%
TRAPPED LIGHT:	0.000	0%



CANDELA TABLE - TYPE C

	0	45	90	135	180	225	270	315	360
0	816	807	769	822	816	807	769	822	816
5	703	659	631	750	803	816	798	798	703
10	478	437	431	564	707	750	689	647	478
15	299	279	261	352	494	541	484	421	299
20	189	164	152	204	293	335	312	263	189
25	99	85	79	104	173	201	202	168	99
30	37	28	26	39	87	115	116	88	37
35	13	9	10	14	28	52	59	31	13
40	4	4	4	5	11	17	21	12	4
45	3	3	3	3	4	6	5	4	3
50	2	2	2	2	3	3	4	3	2
55	2	2	2	2	2	3	3	2	2
60	2	2	2	2	2	2	2	2	2
65	1	1	1	2	2	2	2	2	1
70	1	1	1	1	2	2	2	1	1
75	1	1	1	1	1	1	1	1	1
80	0	0	0	0	1	1	1	1	0
85	0	0	0	0	0	1	0	0	0
90	0	0	0	0	0	0	0	0	0