

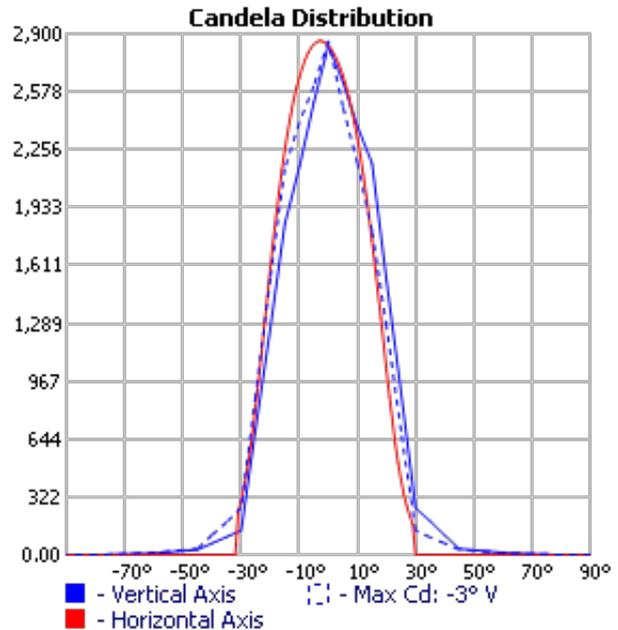
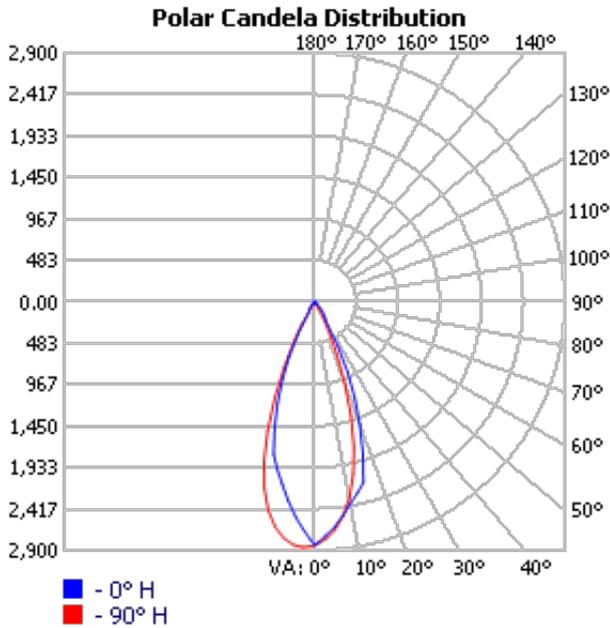
FLOOD PHOTOMETRIC REPORT

CATALOG: I312



MANUFACTURER: PRO-LIGHT
TEST DATE: 2019-08-24
DESCRIPTION: I312
LAMP CATALOG: XPG
LAMP: I312-12W-38D-3000K
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 1153.1
INPUT WATTAGE: 11.7
LUMINOUS OPENING: POINT
NEMA TYPE: 4 X 4
MAX CD: 2,862.2 AT HORIZONTAL: -3°, VERTICAL: 0°
EFFICIENCY: 99.9%

No
Photo
Available



VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUITY BRANDS LIGHTING.

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FLOOD SUMMARY

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	92.1%	1,061.7	57	58.5
BEAM (50%):	60.3%	695.8	38.3	39.3
TOTAL:	99.9%	1,152.5		

ILLUMINANCE AT A DISTANCE

HEIGHT(M)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(M)		FIELD SPREAD(M)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
0.50	11,345.00 LUX	0.3	0.4	0.5	0.6
1.00	2,836.25 LUX	0.7	0.7	1.1	1.1
1.50	1,260.56 LUX	1.0	1.1	1.6	1.7
2.00	709.06 LUX	1.4	1.4	2.2	2.2
2.50	453.80 LUX	1.7	1.8	2.7	2.8
3.00	315.14 LUX	2.1	2.1	3.3	3.4
		BEAM ANGLE		FIELD ANGLE	
		38.3°	39.3°	57.0°	58.5°

CANDELA TABLE - TYPE B

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	5	6	7	7	7	6	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	9	11	13	13	12	11	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	18	23	26	27	25	22	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	31	51	92	110	76	44	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	48	97	211	260	163	78	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	124	664	1364	1527	1126	387	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	210	1164	2180	2386	1844	704	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	304	1595	2659	2836	2317	1027	0	0	0	0	0	0	0
-10	0	0	0	0	0	0	0	184	979	1936	2161	1615	592	0	0	0	0	0	0	0
-20	0	0	0	0	0	0	0	97	470	1088	1261	876	269	0	0	0	0	0	0	0
-30	0	0	0	0	0	0	0	41	68	114	135	99	58	0	0	0	0	0	0	0
-40	0	0	0	0	0	0	0	27	39	57	65	51	34	0	0	0	0	0	0	0
-50	0	0	0	0	0	0	0	15	19	22	23	21	18	0	0	0	0	0	0	0
-60	0	0	0	0	0	0	0	7	9	10	10	9	8	0	0	0	0	0	0	0
-70	0	0	0	0	0	0	0	4	5	5	5	5	5	0	0	0	0	0	0	0
-80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0