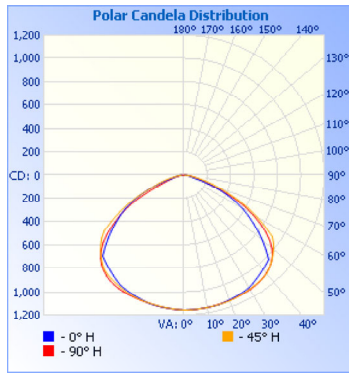


Photometrics Pro

Luminaire Photometric Report

Filename: FL06E-30W-120V-3000K
 Lamp Output: 1 lamp, rated Lumens/lamp: 3786.4
 Max Candela: 1,157.0 at Horizontal: 90°, Vertical: 3°
 Input Wattage: 29.0874
 Luminous Opening: Rectangle (L: 6.38", W: 2.8")
 Test Date: 2022-07-29
 Photometry : Type B
 Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	45.3
Max Cd, 80 to <90 Deg:	106.3
Lumens % Lamp	
Downward Street Side:	1,901.7 50.2%
Downward House Side:	1,886.6 49.8%
Downward Total:	3,788.3 100.1%
Total Lumens:	3,788.3 100.1%

Flood Summary

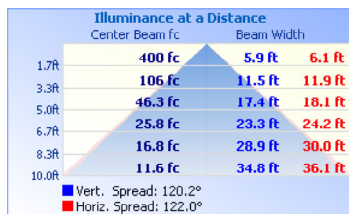
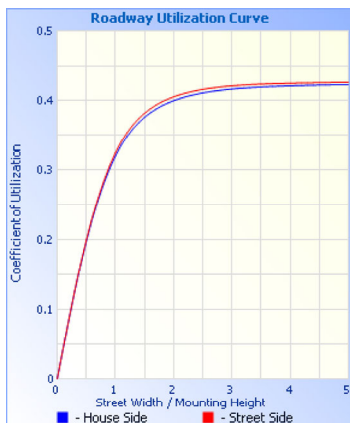
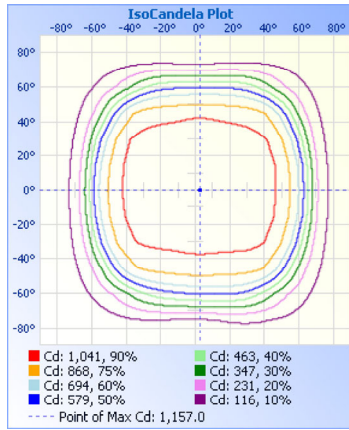
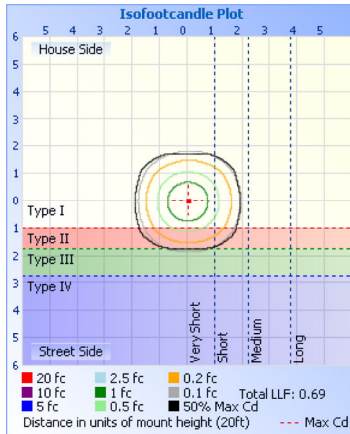
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.1%	3,713.2	150.3	148.6
Beam (50%):	85.4%	3,235.0	122	120.2
Total:	100%	3,786.1		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	954.1	25.2%	25.2%
0-40	1,641.2	43.3%	43.3%
0-60	3,140.2	82.9%	82.9%
60-90	647.9	17.1%	17.1%
0-90	3,788.2	100%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	109.9	2.9%
10-20	323.8	8.5%
20-30	520.4	13.7%
30-40	687.1	18.1%
40-50	786.5	20.8%
50-60	712.5	18.8%
60-70	442.4	11.7%
70-80	164.1	4.3%
80-90	41.4	1.1%



Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	1.00
1	1.09	1.05	1.01	.97	1.07	1.03	.99	.86	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85	.87	.85	.85
2	1.00	.92	.85	.79	.97	.90	.84	.72	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71	.73	.71	.71
3	.91	.80	.72	.66	.88	.79	.71	.61	.76	.69	.64	.73	.68	.63	.70	.66	.62	.60	.62	.60	.60
4	.83	.71	.62	.56	.81	.70	.61	.53	.67	.60	.54	.65	.59	.54	.63	.57	.53	.51	.53	.51	.51
5	.76	.63	.54	.47	.74	.62	.54	.45	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44	.46	.44	.44
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.50	.45	.40	.38	.40	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33	.35	.33	.33
8	.60	.46	.38	.32	.58	.46	.37	.31	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29	.31	.29	.29
9	.56	.42	.34	.28	.54	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26	.28	.26	.26
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23	.25	.23	.23

Candela Table - Type B

	-90	-89	-88	-87	-86	-85	-84	-83	-82	-81	-80	-79	-78	-77	-76	-75	-74	-73	-72	-71	-70	-69	-68	-67	-66	-65	-64	-63	-62	-61	-60	-59	-58	-57	-56	-55	-54	-53	-52	-51	-50	-49	-48	-47	-46	-45	-44	-43			
90	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
85	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
80	2	2	2	2	2	1	1	1	1	1	1	2	2	3	5	6	7	8	10	11	13	14	16	17	18	20	21	22	23	25	26	27	28	29	30	31	32	33	34	35	35	36	37	38	40	41	42	43	4		
75	2	2	2	2	1	1	1	1	1	1	1	2	2	4	6	8	10	12	14	16	18	20	23	25	27	29	31	33	34	36	38	39	41	42	44	45	47	48	49	51	52	54	55	57	59	60	62	64	6		
70	2	2	2	1	1	1	2	3	4	5	6	8	11	13	16	18	21	24	27	30	33	36	39	42	45	48	51	54	58	61	64	68	71	75	78	82	86	90	94	98	103	108	112	117	122	128	133	13			
65	2	2	2	1	1	1	2	4	6	9	11	14	17	20	24	27	30	34	37	41	45	49	53	57	61	65	70	74	79	84	89	94	100	105	111	117	123	130	137	144	152	160	168	176	185	194	203	21			
60	2	2	1	1	1	1	3	6	9	12	16	20	24	28	32	35	39	44	48	52	57	62	67	72	77	82	88	94	100	107	114	121	128	136	144	152	161	170	180	190	201	212	224	235	247	259	272	28			
55	2	2	1	1	1	3	5	8	12	16	21	25	29	34	38	43	48	53	58	64	70	76	82	89	96	104	112	121	130	140	151	162	174	187	201	215	231	247	264	282	299	317	335	352	370	388	407	42			
50	2	2	1	1	1	4	7	11	16	20	25	30	35	40	45	50	56	62	68	75	82	89	98	106	115	125	136	147	160	173	188	203	220	238	258	278	301	324	349	373	397	422	446	470	493	517	541	56			
45	2	2	1	1	2	5	9	14	19	24	30	35	40	46	51	58	64	70	78	86	94	103	113	123	135	146	159	174	189	206	224	244	266	290	315	341	371	401	433	464	495	527	557	587	616	646	676	70			
40	2	2	1	1	3	7	12	17	22	28	34	39	45	51	58	64	72	79	88	97	107	118	130	143	157	172	190	209	230	254	278	305	333	362	391	421	452	483	516	549	581	614	645	676	706	735	763	79			
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30	2	2	1	1	5	10	16	22	29	35	41	48	55	62	70	78	88	98	108	120	133	148	164	182	203	225	251	279	312	348	386	426	468	507	544	579	614	648	682	718	752	788	822	854	884	912	938	96			
25	2	2	1	1	6	11	17	24	30	37	43	50	58	65	74	83	93	104	115	129	143	159	177	198	222	247	277	310	347	387	427	469	509	548	584	619	654	688	723	757	791	824	856	885	913	939	962	98			
20	2	2	1	1	6	12	19	25	32	39	46	53	60	69	78	88	98	110	123	137	153	170	191	213	240	269	303	341	382	426	469	511	551	589	625	659	694	729	763	797	829	861	890	917	942	965	986	100			
15	2	2	1	2	7	13	20	27	34	41	48	55	63	72	82	93	104	116	130	146	162	182	204	229	258	291	329	372	417	465	511	554	593	629	665	699	735	769	804	836	867	897	924	949	971	992	1010	102			
10	2	2	1	2	7	13	21	28	35	42	49	57	65	74	84	95	106	119	133	150	167	188	211	237	268	303	342	386	433	481	526	568	607	643	679	713	749	784	817	849	879	908	934	957	978	997	1015	103			
5	2	2	1	2	8	14	21	28	35	43	50	58	67	76	86	97	109	122	137	154	172	194	218	246	278	314	356	401	449	497	542	583	621	657	693	728	763	798	831	862	891	918	943	965	985	1003	1020	103			
0	2	2	1	2	8	15	22	29	36	44	51	60	68	78	88	99	112	125	140	158	177	201	225	254	289	326	369	415	465	513	557	597	635	671	707	742	777	812	844	875	903	929	952	973	992	1009	1024	103			
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-10	2	2	2	2	7	14	21	28	35	42	50	58	66	75	85	97	108	121	135	152	170	191	214	240	271	305	344	387	433	481	526	568	606	643	679	714	750	784	818	850	879	907	932	955	975	993	1010	102			
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-25	2	2	2	2	6	12	18	25	32	38	45	52	60	68	77	87	97	108	120	134	148	165	183	204	228	253	282	315	350	388	428	468	508	547	584	619	654	689	723	757	789	821	850	878	903	926	947	96			
-30	2	2	2	2	5	11	17	24	30	37	43	50	58	65	74	82	92	103	114	126	140	155	171	189	211	232	257	286	316	350	386	426	466	506	543	579	613	648	682	717	750	784	815	844	872	897	920	93			
-35	2	2	2	2	4	10	15	21	28	34	40	46	53	60	68	76	85	94	104	115	127	140	155	170	189	207	228	252	277	305	336	368	402	436	468	501	533	567	600	633	665	698	728	757	784	811	835	85			
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-45	2	2	2	2	2	6	11	16	22	28	33	39	44	50	56	63	70	77	85	93	102	112	122	132	144	156	169	184	199	216	234	253	274	296	320	345	374	404	435	466	496	526	554	582	610	638	665	69			
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-60	2	2	2	2	2	4	8	12	15	20	24	28	33	37	41	46	50	55	60	65	71	76	82	88	93	100	106	113	120	127	135	143	151	159	168	176	186	196	206	216	227	237	248	260	271	283	29				
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-70	2	2	2	2	2	3	4	5	7	8	11	14	17	19	22	26	29	32	36	39	42	46	49	53	56	60	63	67	71	74	78	82	86	90	94	99</															

Luminaire Report Summary

IESNA: LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE] 2022-07-29
[ISSUEDATE] 2022-07-29 22:22:12
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000A_V1 SYSTEM
[MANUFAC]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 181
FILE: COORDINATE SYSTEM: TYPE B
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.