

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	629.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	11.0 degrees horizontal

Beam Spread	At 10% of Imax	80.9V x 143.5H
	At 50% of Imax	61.3V x 111.6H
	At 90% of Imax	24.8V x 78.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	909.9 lumens per klm.
	To 50% of Imax	782.2 lumens per klm.
	To 90% of Imax	306.4 lumens per klm.

Upward LOR	2.1 %
Downward LOR	97.9 %

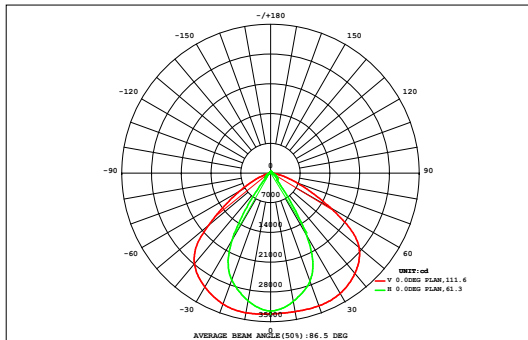
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.87V I:1.3854A P:298.96W PF:0.9860 Freq:49.99Hz Lamp Flux:53016.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:177.33lm/W	
MODEL		Imax (cd)	33379
NOMINAL POWER (W)	300	AVAILABILITY (%)	91.2
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	48372
NOMINAL FLUX (lm)	53016.5	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	53016
TEST VOLTAGE (V)	220	θ @50% (H,V)	112,61DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.34	1.11	1.96	2.72	3.12	3.70	4.17	4.39	4.34	4.12	3.77	3.27	2.70	2.21	2.03	1.72	1.19	0.44	47.3	0.00
90	0.44	2.11	5.20	8.52	9.20	10.9	13.0	14.3	14.6	14.0	12.5	10.2	7.55	5.11	3.48	2.18	1.29	0.45	135	0.00
80	0.59	4.09	12.5	21.6	20.8	20.9	25.2	27.9	29.1	28.2	25.4	21.4	16.5	12.6	8.61	3.91	1.54	0.47	281	0.00
70	0.81	7.26	24.5	43.5	44.0	28.5	33.5	38.8	42.4	41.6	36.3	29.1	22.6	26.1	20.0	8.02	2.11	0.49	450	2.52
60	1.06	11.6	40.6	78.6	93.1	48.2	48.6	69.2	74.5	67.2	56.5	42.4	37.2	53.1	39.2	15.5	3.13	0.52	780	244
50	1.33	16.5	61.1	132	183	141	196	330	347	335	289	135	105	113	68.5	26.1	4.60	0.55	2487	2347
40	1.59	21.5	85.2	206	301	366	558	682	720	717	668	510	293	214	111	38.7	6.37	0.58	5502	5461
30	1.82	26.1	110	287	435	598	764	841	879	879	836	736	534	342	163	51.6	8.08	0.62	7491	7461
20	1.97	29.5	132	362	569	742	870	937	967	967	936	843	686	469	213	62.5	9.33	0.64	8797	8770
10	1.97	29.5	132	362	568	745	875	939	965	980	945	845	676	468	213	62.7	9.33	0.64	8819	8792
0	1.82	26.1	111	288	435	605	779	853	887	893	851	732	501	342	164	51.9	8.10	0.62	7528	7498
-10	1.60	21.6	85.4	207	303	365	579	693	719	713	656	448	266	216	113	39.0	6.40	0.59	5433	5394
-20	1.34	16.6	61.4	133	186	142	193	326	320	289	228	99.0	107	116	70.6	26.4	4.63	0.56	2323	2159
-30	1.07	11.6	40.9	79.4	95.3	53.1	53.8	71.8	76.1	67.9	59.8	47.4	42.5	57.7	40.6	15.6	3.18	0.53	818	240
-40	0.82	7.32	24.8	44.2	45.5	31.1	37.2	43.5	47.5	46.8	41.8	35.1	28.2	28.6	20.5	8.16	2.18	0.50	494	3.82
-50	0.61	4.16	12.7	22.1	21.9	22.3	26.7	29.5	30.6	30.0	27.6	23.3	17.7	13.3	8.89	4.08	1.63	0.48	298	0.00
-60	0.46	2.21	5.42	8.88	9.76	11.5	13.4	14.5	14.5	13.8	12.5	10.5	7.97	5.62	3.88	2.44	1.40	0.47	139	0.00
-70	0.36	1.23	2.28	3.28	3.93	4.53	4.93	5.04	4.85	4.63	4.43	4.05	3.56	3.03	2.58	2.00	1.29	0.45	56.5	0.00
-80	0.36	1.23	2.28	3.28	3.93	4.53	4.93	5.04	4.85	4.63	4.43	4.05	3.56	3.03	2.58	2.00	1.29	0.45	56.5	0.00
-90	0.36	1.23	2.28	3.28	3.93	4.53	4.93	5.04	4.85	4.63	4.43	4.05	3.56	3.03	2.58	2.00	1.29	0.45	56.5	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	20.0	240	950	2290	3328	3939	5074	5920	6143	6093	5691	4575	3356	2487	1266	423	75.8	9.59	51879	---
Φ a	0.00	98.4	810	2138	3149	3706	4786	5634	5842	5785	5391	4277	3131	2298	1093	232	0.00	0.00	---	48372

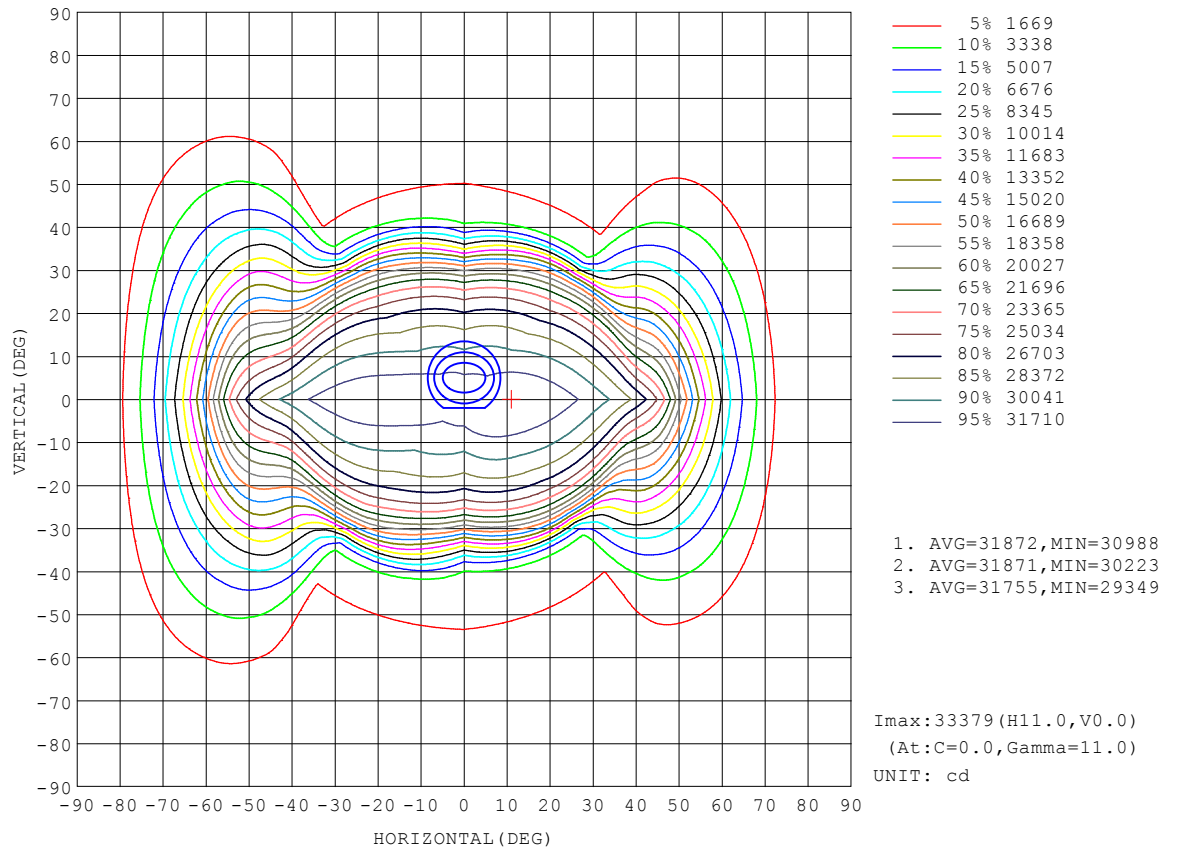
one-half-peak spread: U:30.4,D:31.2 , L:38.8,R:41.1NEMA Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.87V I:1.3854A P:298.96W PF:0.9860 Freq:49.99Hz Lamp Flux:53016.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

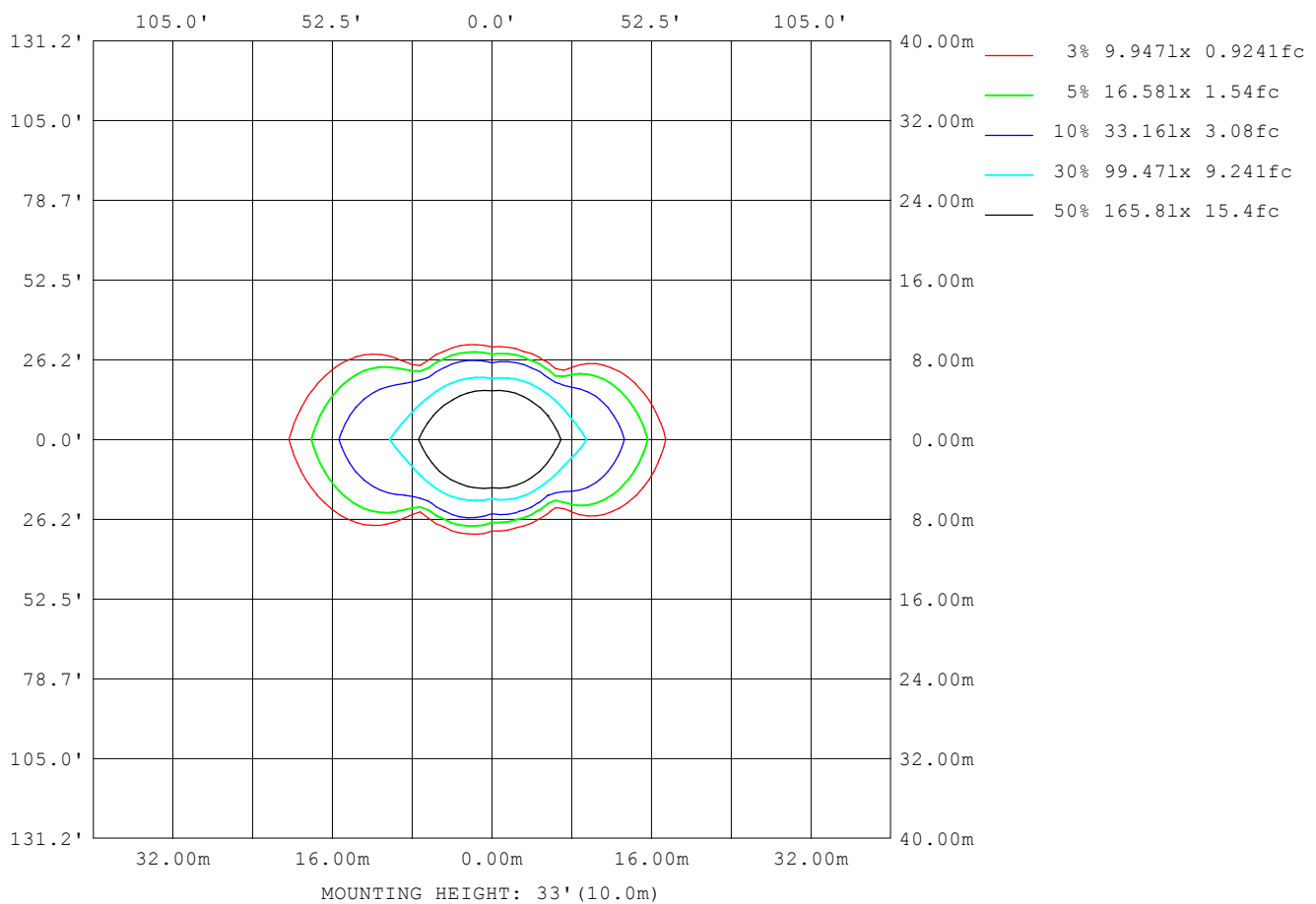


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ISOLUX DIAGRAM

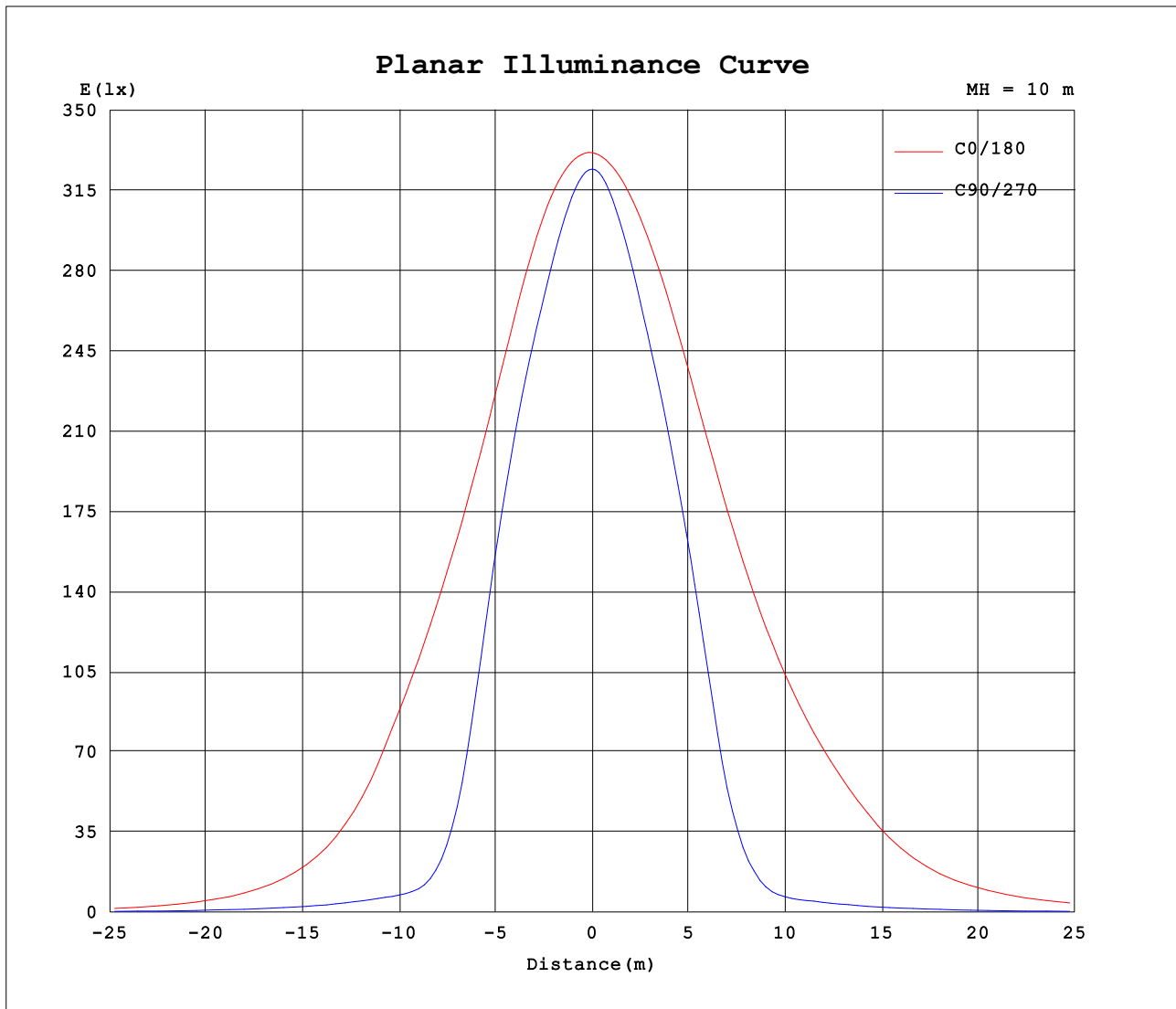
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Remarks:

Planar Illuminance Curve

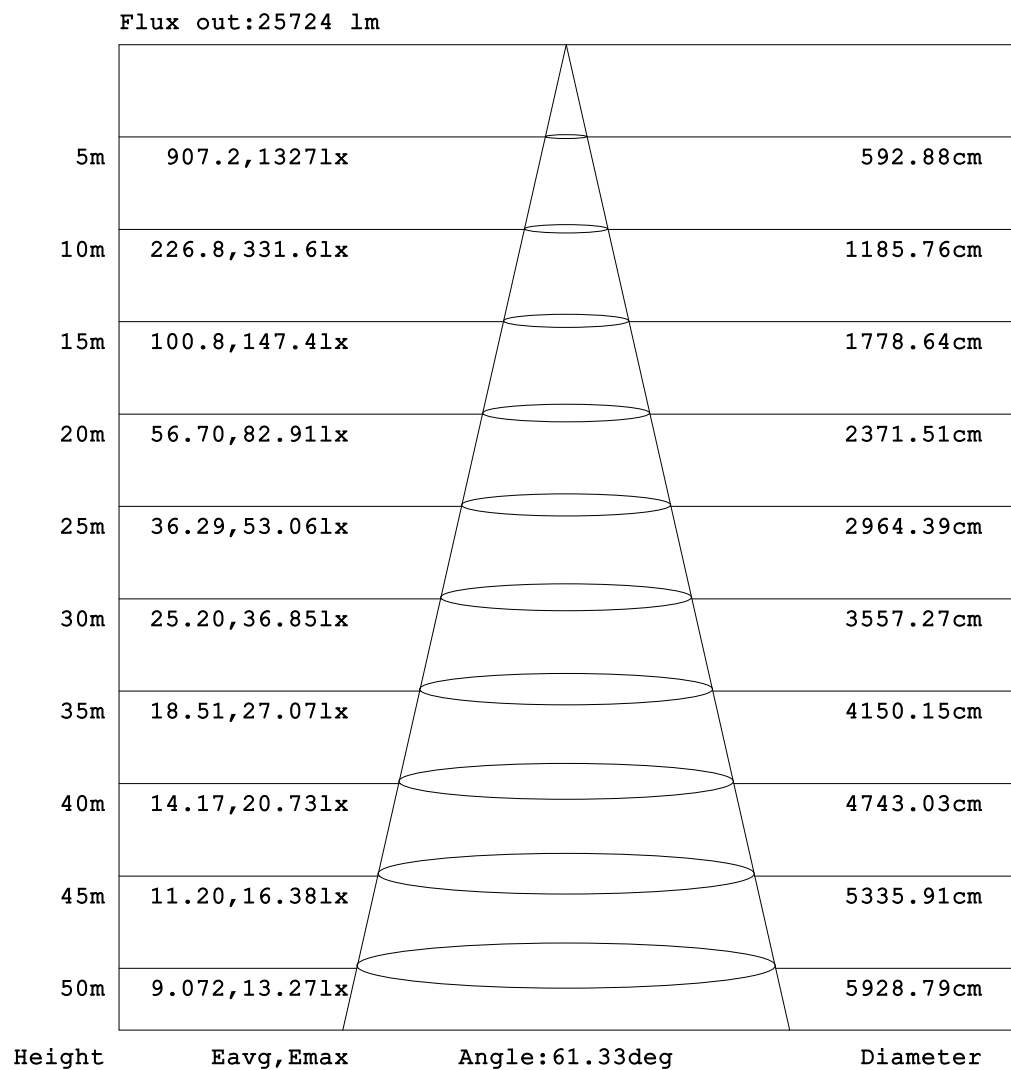


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Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.87V I:1.3854A P:298.96W PF:0.9860 Freq:49.99Hz Lamp Flux:53016.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 2025-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.250m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.87V I:1.3854A P:298.96W PF:0.9860 Freq:49.99Hz Lamp Flux:53016.5x1 lm									
NAME:					TYPE:				
SPEC.:					DIM.:				
MFR.: EVERFINE					SUR.:				
					Shielding Angle:				

Table--1

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	12.2	10.2	10.9	12.1	13.6	15.3	17.1	18.6	20.0	21.6	23.5	25.5	27.7	30.0	32.2	34.4	36.3	37.7	38.4
-170	12.2	10.2	10.9	12.0	13.3	14.8	16.4	17.9	19.1	20.6	22.2	23.9	25.5	27.3	29.1	30.8	32.0	34.6	36.8
-160	12.2	10.2	10.8	11.7	12.9	14.1	15.5	16.8	17.9	19.0	20.4	21.6	22.8	23.8	24.7	26.7	28.9	30.8	32.2
-150	12.2	10.2	10.7	11.4	12.3	13.3	14.4	15.4	16.3	17.2	18.1	19.0	19.9	20.7	21.9	23.1	24.4	25.5	26.3
-140	12.2	10.3	10.6	11.1	11.7	12.4	13.1	13.9	14.6	15.2	15.7	16.3	17.0	17.8	18.6	19.3	19.9	20.3	20.5
-130	12.2	10.3	10.6	10.9	11.3	11.6	12.0	12.4	12.8	13.1	13.4	13.7	14.1	14.5	14.9	15.2	15.5	15.5	15.5
-120	12.2	10.5	10.5	10.8	11.0	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.6	11.7	11.7	11.7	11.6	11.5	11.3
-110	12.2	10.8	10.6	10.8	10.9	11.0	11.0	11.0	10.9	10.8	10.6	10.4	10.3	10.1	9.98	9.80	9.60	9.39	9.16
-100	12.2	11.3	11.1	11.0	11.1	11.3	11.4	11.5	11.6	11.6	11.4	11.1	10.9	10.7	10.4	10.3	10.1	9.91	9.75
-90	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	13.6	13.3	13.1	12.8	12.6	12.3	12.1	11.8	11.6	11.4
-80	12.2	14.2	16.8	19.7	22.7	25.6	28.0	29.0	28.7	26.6	27.2	27.9	28.4	28.4	28.4	27.9	27.1	26.0	24.7
-70	12.2	17.0	25.1	37.0	49.7	63.4	75.6	82.3	80.3	67.6	63.1	66.7	69.5	71.6	73.5	74.5	74.7	73.8	71.9
-60	12.2	20.7	39.0	65.4	101	139	169	184	177	150	106	109	114	118	121	123	126	128	128
-50	12.2	25.0	55.8	109	179	249	305	344	349	311	209	134	145	157	168	178	186	190	191
-40	12.2	29.6	76.9	164	274	386	497	594	651	643	532	314	211	253	342	429	477	442	329
-30	12.2	34.8	99.5	223	376	552	752	957	1129	1151	1028	879	986	1461	1761	1854	1875	1834	1704
-20	12.2	39.3	121	278	480	734	1053	1419	1678	1715	1708	1991	2384	2590	2679	2720	2749	2751	2711
-10	12.2	42.4	138	324	571	908	1362	1894	2214	2330	2487	2779	2951	3032	3061	3065	3058	3080	3070
0	12.2	43.7	146	351	633	1039	1609	2290	2716	2938	3085	3196	3272	3314	3326	3319	3311	3308	3316
10	12.2	42.3	138	323	571	907	1361	1891	2209	2333	2490	2750	2915	2998	3031	3041	3045	3073	3054
20	12.2	39.2	121	277	479	733	1050	1414	1670	1707	1724	1976	2318	2512	2601	2665	2709	2716	2678
30	12.2	34.6	99.2	222	375	550	749	952	1120	1137	1015	906	1007	1407	1711	1850	1914	1908	1819
40	12.2	29.3	76.5	163	273	384	494	588	644	632	514	290	191	258	359	458	511	494	401
50	12.2	24.7	55.3	108	178	247	302	339	344	302	198	120	127	137	147	156	163	166	168
60	12.2	20.3	38.3	64.6	100	138	167	180	173	143	99.5	103	105	108	111	114	116	117	118
70	12.2	16.5	24.3	35.9	48.5	62.1	73.9	80.3	77.8	64.0	58.8	62.7	66.2	69.0	71.4	73.0	73.7	73.4	72.4
80	12.2	13.7	15.8	18.3	21.0	23.5	25.7	26.5	26.1	23.8	24.8	25.9	26.8	27.3	27.6	27.5	27.1	26.4	25.4
90	12.2	11.8	11.4	11.1	10.7	10.3	9.98	9.62	9.26	8.90	8.88	8.85	8.83	8.81	8.79	8.76	8.74	8.72	8.69
100	12.2	10.8	10.1	9.64	9.37	9.20	9.08	8.97	8.87	8.76	8.82	8.89	8.95	8.99	9.01	9.03	9.02	9.02	9.00
110	12.2	10.3	9.77	9.67	9.67	9.71	9.77	9.84	9.91	9.96	10.1	10.2	10.3	10.3	10.3	10.3	10.2	10.1	9.98
120	12.2	10.1	9.86	9.98	10.2	10.5	10.8	11.1	11.4	11.6	11.8	12.1	12.3	12.5	12.6	12.7	12.8	12.8	12.6
130	12.2	9.99	10.0	10.4	10.9	11.4	12.0	12.6	13.1	13.5	13.8	14.2	14.7	15.2	15.6	16.0	16.3	16.4	16.5
140	12.2	9.99	10.3	10.8	11.6	12.4	13.3	14.1	14.9	15.5	16.0	16.6	17.2	18.1	18.9	19.7	20.4	21.0	21.3
150	12.2	10.0	10.5	11.2	12.3	13.4	14.5	15.6	16.6	17.4	18.3	19.1	19.9	20.8	22.2	23.8	25.4	26.8	27.9
160	12.2	10.1	10.7	11.6	12.9	14.2	15.6	16.9	18.0	19.1	20.4	21.6	22.9	23.9	24.8	26.8	29.0	30.9	32.3
170	12.2	10.1	10.8	11.9	13.4	14.9	16.5	17.9	19.2	20.6	22.2	23.9	25.6	27.3	29.0	30.7	32.1	34.7	36.2
180	12.2	10.2	10.9	12.1	13.6	15.3	17.1	18.6	20.0	21.6	23.5	25.5	27.7	30.0	32.2	34.4	36.3	37.7	38.1

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Test:U:218.87V I:1.3854A P:298.96W PF:0.9860 Freq:49.99Hz Lamp Flux:53016.5x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--2

UNIT: ×10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	38.1	37.5	36.5	34.8	33.0	31.0	29.1	26.9	24.4	22.3	20.7	19.4	18.2	17.1	16.2	15.8	16.2	17.6	
-170	38.2	38.8	37.2	35.5	33.6	31.7	29.5	27.0	24.3	22.1	20.4	19.0	17.8	16.7	15.9	15.6	16.1	17.6	
-160	33.6	34.4	34.9	34.8	33.0	31.0	28.6	25.9	23.3	21.3	19.6	18.3	17.1	16.1	15.5	15.4	16.0	17.6	
-150	27.8	29.0	29.8	30.2	30.2	28.4	25.9	23.5	21.5	19.8	18.4	17.2	16.2	15.5	15.1	15.3	16.0	17.6	
-140	21.9	23.0	23.7	24.0	23.8	23.3	22.1	20.5	19.1	17.9	16.8	15.9	15.3	14.9	14.8	15.2	16.1	17.6	
-130	16.5	17.2	17.8	18.1	18.2	18.1	17.8	17.2	16.3	15.6	15.0	14.6	14.3	14.3	14.6	15.2	16.2	17.6	
-120	12.0	12.6	13.1	13.5	13.7	13.9	13.9	13.8	13.6	13.4	13.3	13.4	13.6	14.0	14.6	15.3	16.3	17.6	
-110	9.61	10.0	10.4	10.8	11.0	11.2	11.4	11.5	11.6	12.0	12.4	12.9	13.4	14.0	14.7	15.5	16.5	17.6	
-100	9.92	10.1	10.3	10.5	10.6	10.8	11.0	11.2	11.5	12.0	12.6	13.2	13.8	14.5	15.2	15.9	16.7	17.6	
-90	11.5	11.6	11.8	11.9	12.1	12.2	12.3	12.5	12.6	13.2	13.7	14.3	14.8	15.4	15.9	16.5	17.0	17.6	
-80	24.4	23.8	23.1	22.1	21.0	19.9	18.7	17.5	16.5	16.5	16.5	16.5	16.6	16.8	17.0	17.2	17.4	17.6	
-70	71.1	69.5	66.9	63.6	59.3	54.4	49.1	43.4	39.5	36.3	31.6	26.6	22.4	19.9	18.6	18.1	17.8	17.6	
-60	127	124	120	115	110	104	94.4	82.8	91.6	89.9	76.7	59.0	42.0	29.3	22.1	19.3	18.2	17.6	
-50	186	179	169	157	144	132	125	156	192	193	168	127	83.6	49.9	29.5	21.1	18.7	17.6	
-40	332	294	258	229	204	180	244	348	383	363	308	235	153	83.4	41.7	23.6	19.2	17.6	
-30	1790	1767	1630	1302	689	525	700	787	751	643	509	372	243	130	57.3	26.9	19.6	17.6	
-20	2755	2744	2678	2558	2345	1920	1454	1418	1303	1045	774	529	340	179	74.5	30.5	20.0	17.6	
-10	3128	3127	3089	3024	2916	2738	2413	2113	1931	1502	1058	695	426	222	88.6	33.2	20.3	17.6	
0	3328	3338	3327	3281	3201	3096	2970	2790	2491	1899	1289	819	484	247	95.8	34.5	20.4	17.6	
10	3075	3053	3040	2989	2902	2763	2526	2163	1928	1499	1055	691	424	221	88.5	33.1	20.2	17.6	
20	2714	2699	2637	2543	2404	2130	1637	1423	1296	1039	766	523	338	179	74.3	30.3	19.8	17.6	
30	1892	1877	1781	1577	1114	669	698	776	740	632	496	365	242	129	57.0	26.6	19.4	17.6	
40	429	389	311	231	189	163	227	332	364	344	297	232	151	82.7	41.2	23.1	18.9	17.6	
50	164	158	149	138	125	110	96.7	128	174	183	165	125	82.6	49.2	28.9	20.4	18.3	17.6	
60	114	109	103	98.1	93.5	88.1	82.3	76.3	87.0	86.5	75.0	57.7	41.0	28.3	21.1	18.4	17.8	17.6	
70	71.0	68.8	65.9	62.2	57.8	52.9	47.4	41.5	37.3	34.6	30.0	25.0	20.8	18.3	17.3	17.2	17.4	17.6	
80	24.7	23.8	22.6	21.3	19.7	18.1	16.3	14.5	13.0	13.1	13.3	13.7	14.3	15.0	15.6	16.3	17.0	17.6	
90	8.76	8.83	8.89	8.96	9.03	9.09	9.16	9.23	9.29	10.2	11.1	12.1	13.0	13.9	14.8	15.7	16.7	17.6	
100	9.25	9.50	9.73	9.94	10.1	10.3	10.4	10.5	10.6	11.1	11.6	12.2	12.8	13.6	14.4	15.3	16.4	17.6	
110	10.5	10.9	11.4	11.7	12.0	12.3	12.4	12.5	12.5	12.6	12.7	12.9	13.2	13.6	14.3	15.1	16.2	17.6	
120	13.3	13.9	14.3	14.7	14.9	15.1	15.1	15.1	14.8	14.5	14.2	14.0	13.9	14.0	14.3	15.0	16.1	17.6	
130	17.4	18.2	18.7	18.9	19.0	18.8	18.5	18.0	17.2	16.5	15.8	15.3	14.8	14.6	14.6	15.0	16.0	17.6	
140	22.4	23.3	23.9	24.2	24.3	24.0	22.8	21.0	19.5	18.4	17.4	16.5	15.8	15.2	14.9	15.1	15.9	17.6	
150	28.5	28.8	29.0	29.0	28.9	27.8	26.0	24.0	21.9	20.1	18.8	17.6	16.6	15.8	15.3	15.2	15.9	17.6	
160	32.8	32.9	32.7	32.2	31.1	29.8	28.0	25.9	23.6	21.5	19.8	18.5	17.4	16.4	15.6	15.4	16.0	17.6	
170	36.5	36.4	35.2	33.9	32.4	30.8	29.0	26.8	24.4	22.2	20.5	19.1	17.9	16.8	15.9	15.6	16.1	17.6	
180	38.1	37.5	36.5	34.8	33.0	31.0	29.1	26.9	24.4	22.3	20.7	19.4	18.2	17.1	16.2	15.8	16.2	17.6	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks: