

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	551.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-3.0 degrees horizontal

Beam Spread	At 10% of Imax	112.6V x 113.2H
	At 50% of Imax	86.0V x 86.7H
	At 90% of Imax	57.8V x 58.1H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	943.4 lumens per klm.
	To 50% of Imax	788.3 lumens per klm.
	To 90% of Imax	412.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

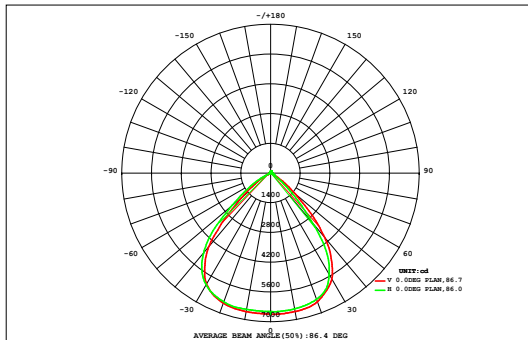
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:223.26V I:0.4504A P:98.643W PF:0.9811 Freq:49.99Hz Lamp Flux:12054.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:122.20lm/W	
MODEL		Imax(cd)	6647
NOMINAL POWER(W)	100	AVAILABILITY(%)	94.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	11356
NOMINAL FLUX(lm)	12054.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	12054
TEST VOLTAGE(V)	220	θ @50% (H,V)	87,86DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.07	0.20	0.34	0.49	0.65	0.79	0.91	1.01	1.07	1.09	1.08	1.02	0.92	0.78	0.62	0.45	0.27	0.09	11.8	0.00
90	0.07	0.20	0.34	0.49	0.65	0.79	0.91	1.01	1.07	1.09	1.08	1.02	0.92	0.78	0.62	0.45	0.27	0.09	11.8	0.00
80	0.07	0.23	0.44	0.70	1.00	1.31	1.62	1.88	2.05	2.10	2.04	1.85	1.58	1.25	0.91	0.59	0.31	0.09	20.0	0.00
70	0.07	0.26	0.56	0.99	1.56	2.28	3.51	5.62	7.62	7.74	5.93	3.93	2.73	1.98	1.32	0.78	0.37	0.10	47.4	0.00
60	0.08	0.31	0.71	1.41	2.96	9.03	20.3	32.4	41.4	41.7	33.2	21.4	10.1	3.65	1.87	1.01	0.44	0.11	222	180
50	0.08	0.35	0.90	2.22	10.1	29.1	56.8	87.6	108	109	89.9	59.4	31.0	11.7	2.93	1.27	0.51	0.11	602	579
40	0.08	0.39	1.09	4.82	22.9	60.1	110	147	166	167	151	116	64.6	25.1	6.11	1.56	0.58	0.12	1045	1029
30	0.09	0.42	1.30	8.96	37.6	94.2	146	176	189	190	179	152	102	41.7	10.7	1.89	0.64	0.13	1333	1320
	0.09	0.45	1.50	12.6	51.4	115	163	188	197	197	189	168	124	57.7	14.8	2.22	0.69	0.13	1483	1472
	0.09	0.46	1.58	14.4	58.0	124	169	192	199	199	193	174	133	66.3	17.0	2.44	0.71	0.13	1543	1533
	0.09	0.46	1.53	13.7	55.7	122	168	191	199	199	192	173	131	64.1	16.3	2.39	0.71	0.13	1530	1519
	0.09	0.45	1.39	10.8	45.1	107	158	185	195	195	187	163	117	51.4	13.0	2.11	0.69	0.13	1434	1421
	0.09	0.42	1.24	6.66	29.4	78.0	132	167	182	182	170	138	85.9	33.5	8.44	1.82	0.64	0.13	1218	1203
-30	0.08	0.39	1.07	3.22	15.3	41.5	80.9	117	136	137	121	86.6	46.0	17.5	4.50	1.54	0.58	0.12	809	788
-40	0.08	0.34	0.89	1.86	5.39	15.8	31.3	47.5	56.1	57.0	49.8	33.9	17.7	6.92	2.57	1.26	0.51	0.11	329	294
-50	0.08	0.30	0.71	1.39	2.33	4.21	7.67	11.4	13.1	13.4	12.3	8.79	5.28	3.02	1.85	1.00	0.44	0.11	87.4	17.1
-60	0.07	0.26	0.55	0.98	1.55	2.19	2.83	3.39	3.74	3.87	3.71	3.26	2.64	1.96	1.31	0.77	0.37	0.10	33.6	0.00
-70	0.07	0.23	0.43	0.68	0.97	1.29	1.59	1.84	2.00	2.06	2.00	1.82	1.55	1.23	0.89	0.58	0.31	0.10	19.6	0.00
-80	0.07	0.21	0.36	0.51	0.66	0.80	0.92	1.01	1.07	1.09	1.08	1.03	0.93	0.79	0.63	0.46	0.28	0.09	12.0	0.00
-90	0.07	0.21	0.36	0.51	0.66	0.80	0.92	1.01	1.07	1.09	1.08	1.03	0.93	0.79	0.63	0.46	0.28	0.09	12.0	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	1.41	6.13	16.6	86.3	343	808	1255	1557	1700	1707	1583	1306	878	391	106	24.1	9.04	2.02	11780	---
Φ a	0.00	0.00	0.00	44.6	312	781	1229	1532	1674	1680	1557	1279	849	358	60.1	0.00	0.00	0.00	---	11356

one-half-peak spread: U:36.5,D:31.7 , L:39.8,R:36.3

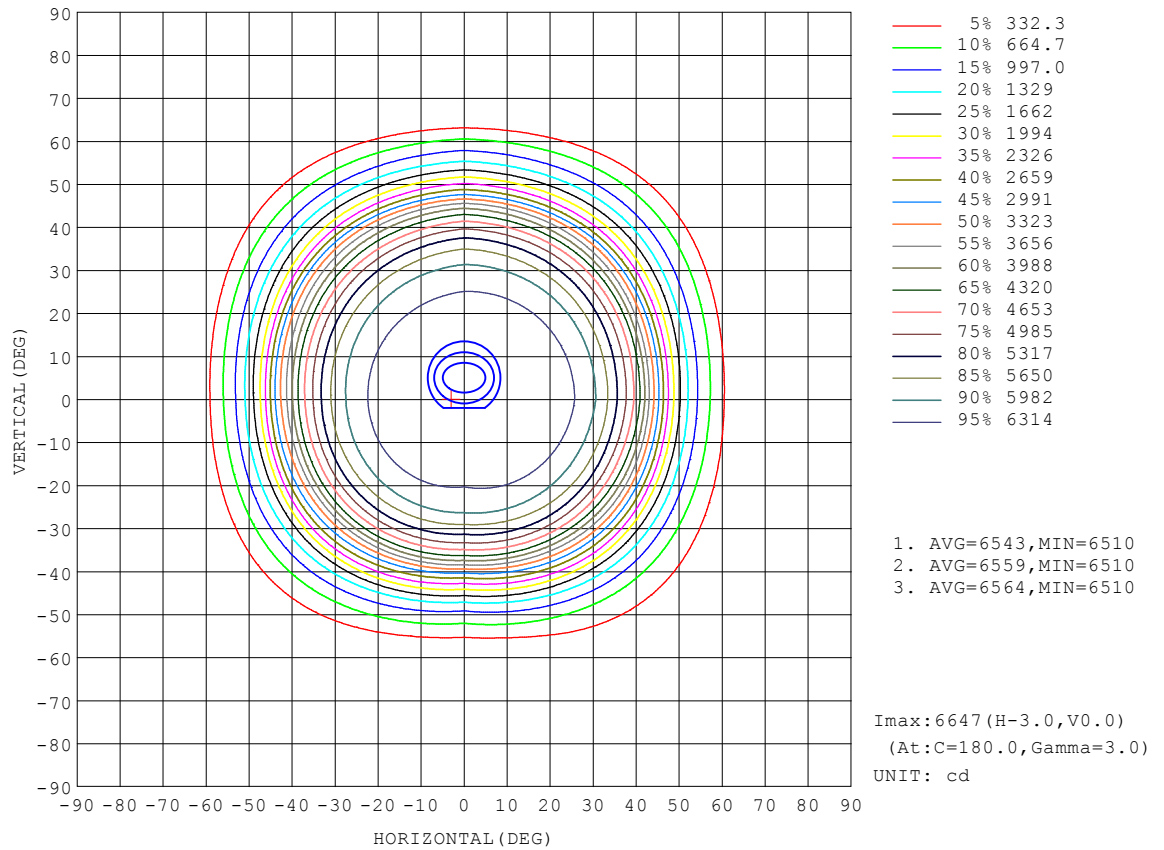
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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:223.26V I:0.4504A P:98.643W PF:0.9811 Freq:49.99Hz Lamp Flux:12054.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

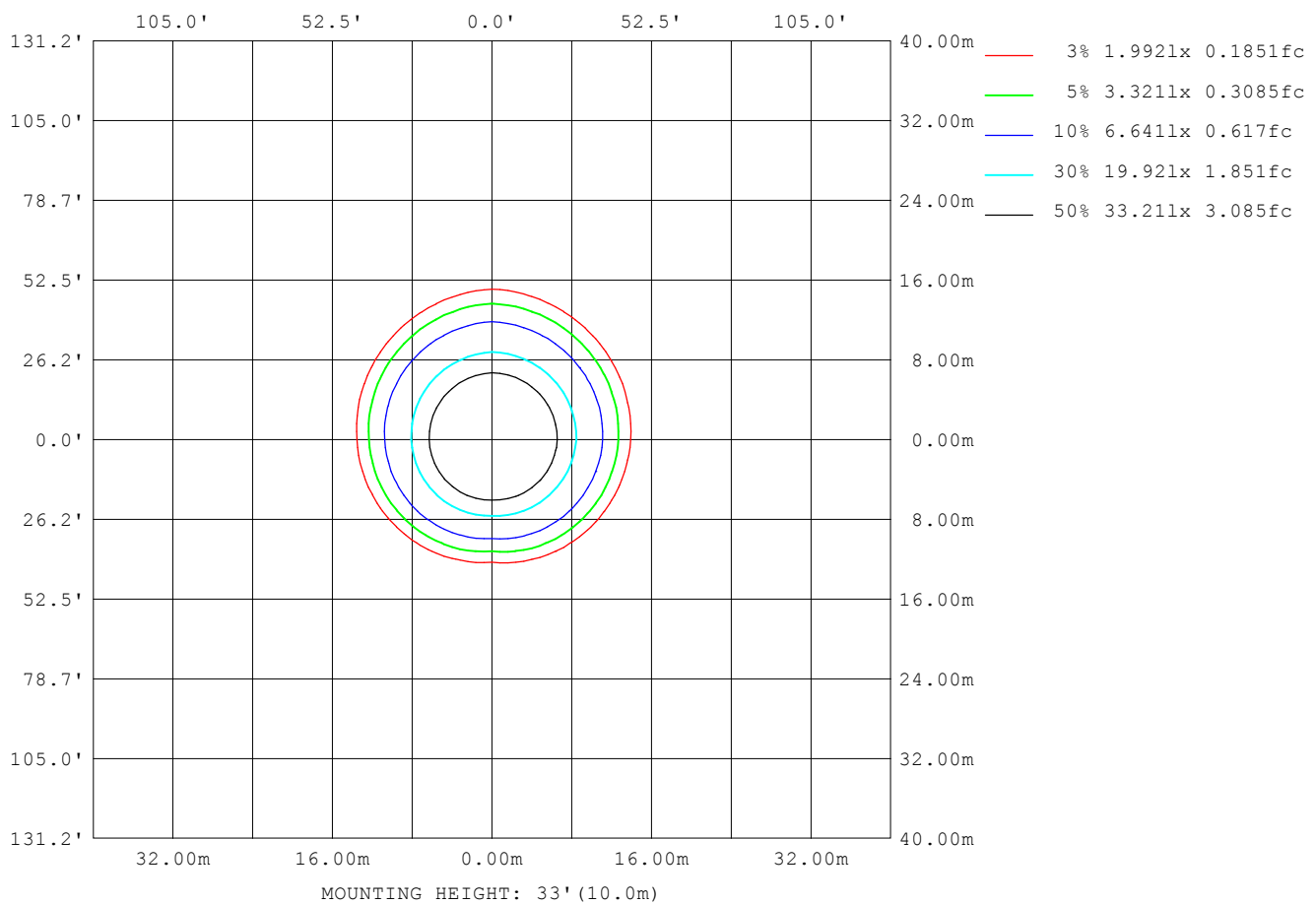


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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
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Test Distance:9.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

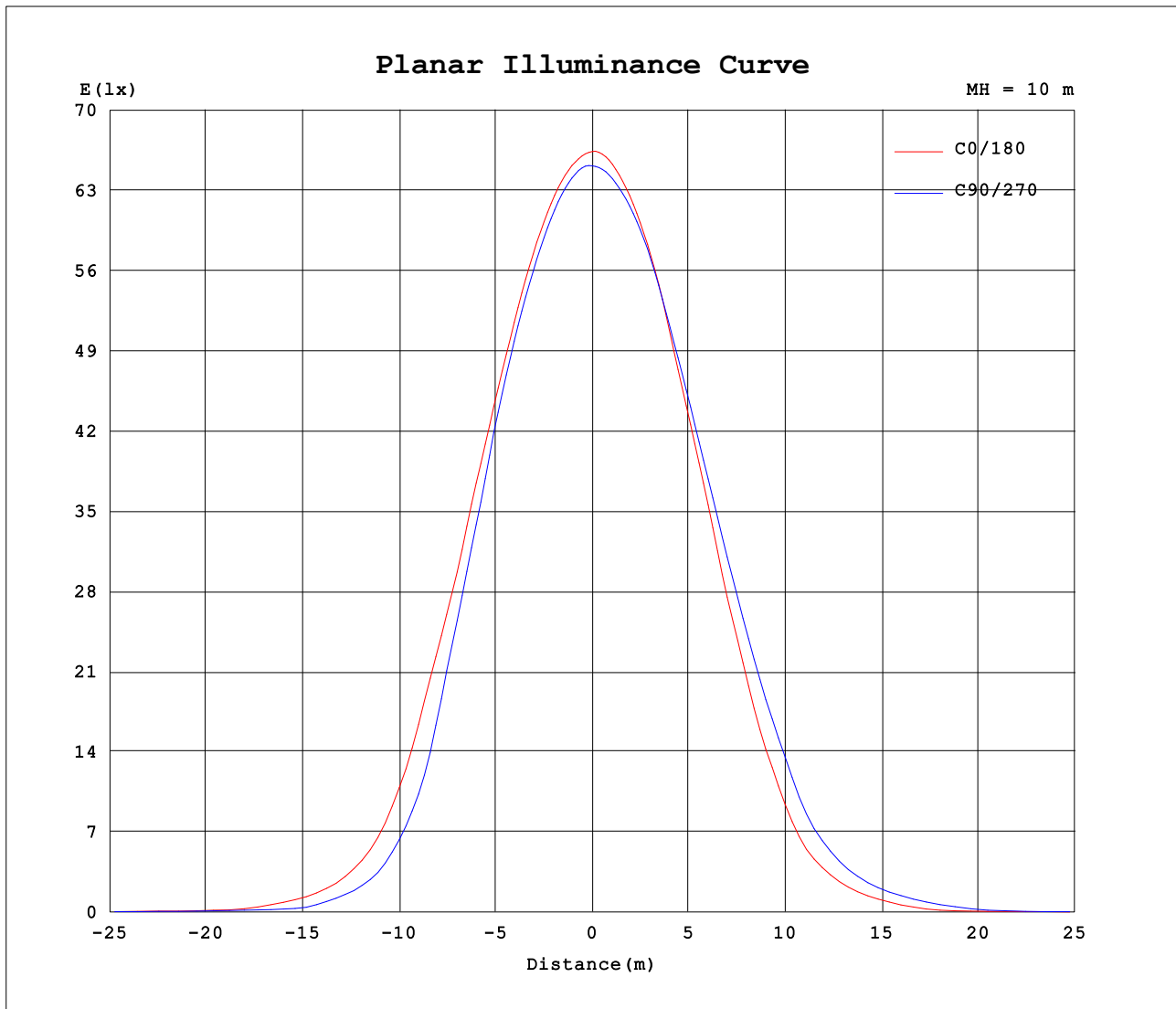
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

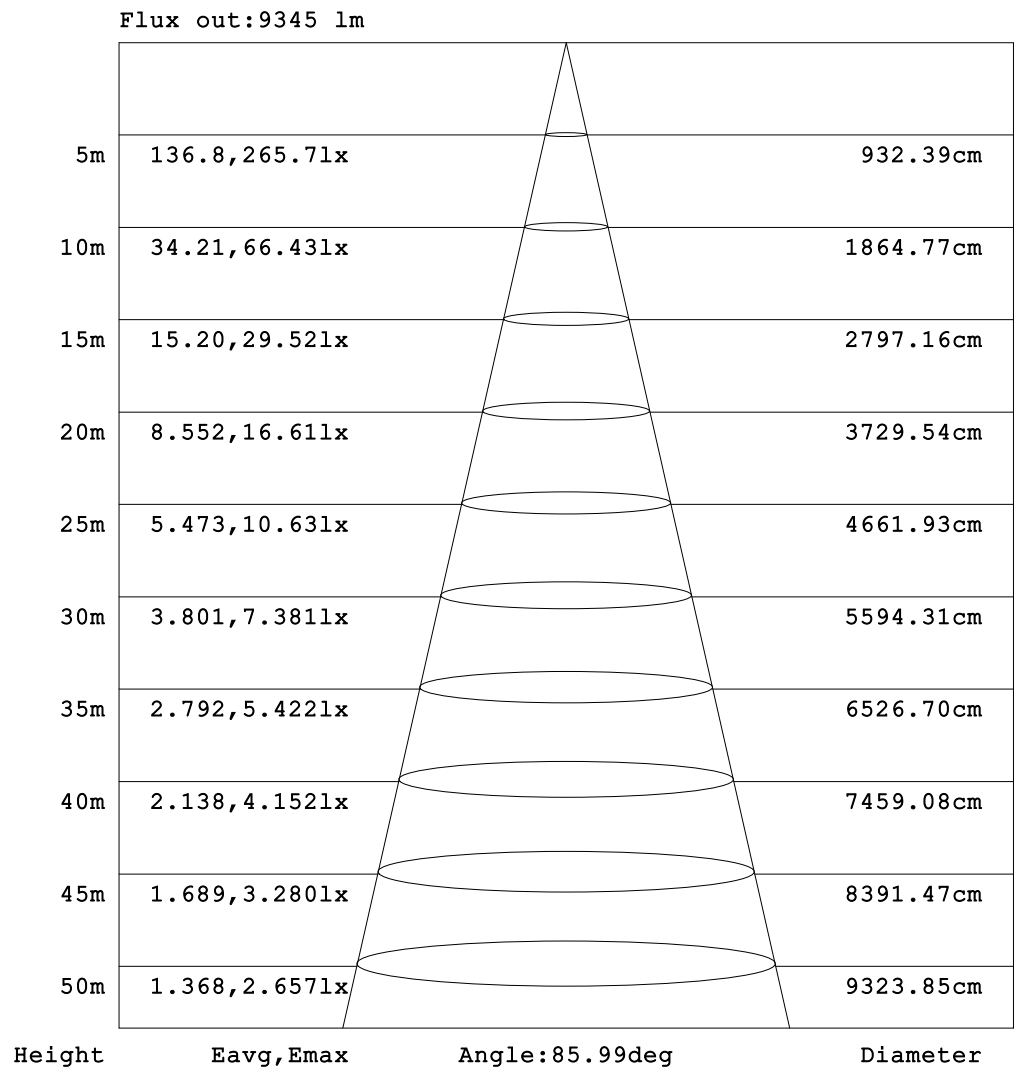


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:223.26V I:0.4504A P:98.643W PF:0.9811 Freq:49.99Hz Lamp Flux:12054.2x1 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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:223.26V I:0.4504A P:98.643W PF:0.9811 Freq:49.99Hz Lamp Flux:12054.2x1 lm									
NAME:					TYPE:				
SPEC.:					DIM.:				
MFR.: EVERFINE					SUR.:				
					Shielding Angle:				

Table--1

UNIT: cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	24.3	25.4	25.9	28.3	31.6	35.1	39.1	43.7	48.8	54.6	60.1	65.5	70.8	76.5	82.3	88.0	92.5	95.1	95.5
-170	24.3	25.4	25.9	28.2	31.4	34.8	38.7	43.1	48.1	53.6	59.1	64.3	69.2	74.5	79.6	84.3	88.2	90.2	90.3
-160	24.3	25.4	25.8	27.9	30.7	34.0	37.5	41.5	45.9	50.9	55.9	60.7	65.1	69.3	73.2	76.7	79.5	81.2	81.8
-150	24.3	25.4	25.6	27.3	29.8	32.7	35.7	39.1	42.7	46.7	50.9	55.0	58.9	62.3	65.3	67.7	69.7	70.9	71.3
-140	24.3	25.3	25.4	26.7	28.5	30.9	33.4	36.1	38.9	41.9	44.9	48.0	51.0	53.7	56.1	58.1	59.6	60.5	60.8
-130	24.3	25.1	25.5	26.0	27.3	28.9	30.8	32.8	34.9	36.9	39.0	41.1	43.0	44.8	46.4	47.8	48.8	49.4	49.7
-120	24.3	25.0	25.7	25.6	26.2	27.1	28.3	29.5	30.9	32.2	33.5	34.8	36.0	37.0	38.0	38.7	39.3	39.7	39.8
-110	24.3	24.8	25.4	25.8	26.0	26.4	26.9	27.5	28.2	28.8	29.5	30.1	30.6	31.1	31.4	31.7	31.9	32.0	32.0
-100	24.3	24.7	25.1	25.5	25.8	26.1	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27.1	27.2	27.3	27.4	27.5	27.6
-90	24.3	24.6	24.9	25.3	25.6	25.9	26.2	26.6	26.9	27.2	27.5	27.8	28.2	28.5	28.8	29.1	29.5	29.8	30.1
-80	24.3	25.2	26.4	27.5	28.5	29.6	30.9	32.6	34.3	35.9	37.5	39.0	40.3	41.5	42.7	43.8	44.6	45.2	45.6
-70	24.3	26.0	27.9	30.3	33.9	37.7	41.7	46.1	51.0	56.5	62.1	67.4	72.5	77.3	81.9	85.5	88.3	90.3	91.5
-60	24.3	26.8	29.9	35.1	41.1	47.8	56.6	66.1	77.5	88.3	98.8	110	121	133	146	160	169	172	170
-50	24.3	27.5	32.7	40.1	48.9	60.8	75.9	91.2	108	130	186	298	412	574	714	817	882	911	892
-40	24.3	27.9	35.2	44.7	57.7	75.8	94.6	119	192	415	705	1040	1407	1884	2345	2687	2938	3103	3113
-30	24.3	28.5	37.5	48.9	65.8	88.1	114	211	543	982	1533	2374	3186	4033	4671	5098	5360	5490	5514
-20	24.3	29.1	39.2	52.6	73.7	97.7	139	465	955	1635	2745	3811	4777	5447	5875	6128	6266	6323	6326
-10	24.3	29.4	40.2	54.8	78.1	104	203	672	1309	2321	3584	4725	5527	6011	6298	6467	6517	6519	6493
0	24.3	29.4	40.5	55.3	79.1	106	237	768	1477	2667	3962	5006	5764	6153	6445	6576	6618	6643	6641
10	24.3	29.4	40.2	54.8	78.2	107	234	748	1438	2535	3837	4904	5652	6080	6341	6509	6554	6544	6514
20	24.3	29.1	39.3	52.7	73.9	98.7	180	592	1161	1983	3253	4315	5142	5722	6063	6256	6372	6430	6446
30	24.3	28.5	37.6	49.0	66.0	88.7	130	326	785	1344	2097	3181	4082	4812	5314	5664	5887	6014	6077
40	24.3	27.9	35.4	44.9	57.7	76.3	96.1	148	350	729	1153	1682	2288	3048	3731	4202	4553	4786	4918
50	24.3	27.4	32.9	40.4	49.2	60.8	76.6	92.7	120	216	422	700	976	1262	1549	1838	2081	2260	2364
60	24.3	26.7	30.0	35.5	41.6	48.3	56.7	66.4	78.6	90.0	102	122	177	269	390	504	607	686	734
70	24.3	25.8	27.9	30.6	34.4	38.4	42.6	46.9	51.7	56.9	62.2	67.7	73.5	79.1	83.9	87.8	91.0	93.2	94.6
80	24.3	24.8	25.9	27.2	28.4	29.8	31.5	33.4	35.3	37.1	38.9	40.7	42.3	43.7	45.1	46.2	47.1	47.9	48.5
90	24.3	24.2	24.2	24.1	24.0	24.0	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.5	23.4	23.3	23.3	23.2	23.2
100	24.3	24.3	24.3	24.2	24.1	24.1	24.0	23.8	23.7	23.6	23.5	23.5	23.5	23.5	23.5	23.4	23.4	23.2	23.1
110	24.3	24.4	24.6	24.7	24.5	24.6	25.0	25.4	25.8	26.2	26.5	26.8	27.1	27.4	27.6	27.7	27.8	27.7	27.5
120	24.3	24.6	25.0	24.8	25.3	26.2	27.0	28.0	29.1	30.2	31.3	32.2	33.0	33.7	34.3	34.6	34.8	34.8	34.6
130	24.3	24.8	25.0	25.4	26.6	28.0	29.6	31.4	33.2	34.9	36.6	38.2	39.6	40.9	41.9	42.6	43.1	43.2	42.9
140	24.3	25.0	25.0	26.2	27.9	30.1	32.4	34.8	37.3	39.8	42.4	44.9	47.2	49.3	51.0	52.4	53.2	53.4	53.1
150	24.3	25.1	25.3	27.0	29.2	32.0	34.9	38.0	41.3	44.8	48.4	52.0	55.4	58.2	60.6	62.3	63.4	63.8	63.3
160	24.3	25.2	25.6	27.7	30.4	33.5	36.9	40.7	44.8	49.4	54.0	58.4	62.5	66.0	69.4	72.1	74.1	74.8	74.2
170	24.3	25.3	25.8	28.1	31.2	34.6	38.4	42.7	47.5	52.8	58.1	63.1	67.8	72.7	77.4	81.7	85.0	86.5	85.7
180	24.3	25.4	25.9	28.3	31.6	35.1	39.1	43.7	48.8	54.6	60.1	65.5	70.8	76.5	82.3	88.0	92.5	95.1	93.9

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Test:U:223.26V I:0.4504A P:98.643W PF:0.9811 Freq:49.99Hz Lamp Flux:12054.2x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--2

UNIT: cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	92.0	87.8	83.2	77.9	72.3	66.5	60.9	55.4	49.9	44.8	40.0	35.8	32.0	29.1	27.4	28.0	30.8	34.2	
-170	88.7	85.7	81.4	76.5	71.2	65.7	60.3	54.9	49.6	44.6	39.8	35.7	31.9	29.1	27.5	28.1	30.8	34.2	
-160	80.5	78.2	74.9	71.1	66.7	62.1	57.3	52.3	47.5	42.8	38.6	34.8	31.3	28.8	27.4	28.3	30.9	34.2	
-150	70.4	68.7	66.4	63.4	60.1	56.3	52.1	48.1	44.0	40.1	36.5	33.1	30.3	28.3	27.3	28.7	31.1	34.2	
-140	60.1	58.8	56.9	54.5	51.9	49.1	46.0	42.7	39.7	36.7	33.8	31.2	29.1	27.7	27.5	29.2	31.4	34.2	
-130	49.1	48.2	46.9	45.3	43.5	41.5	39.5	37.3	35.1	32.9	30.9	29.2	28.0	27.4	28.2	29.8	31.7	34.2	
-120	39.4	38.9	38.1	37.2	36.0	34.8	33.5	32.1	30.8	29.6	28.6	27.8	27.4	28.0	29.2	30.6	32.1	34.2	
-110	31.7	31.4	31.0	30.5	30.0	29.5	28.9	28.4	27.9	27.6	27.6	27.9	28.6	29.4	30.4	31.4	32.7	34.2	
-100	27.7	27.7	27.7	27.8	27.9	28.0	28.2	28.5	28.8	29.1	29.5	30.0	30.5	31.1	31.7	32.4	33.3	34.2	
-90	30.3	30.6	30.8	31.0	31.2	31.5	31.7	31.9	32.2	32.4	32.6	32.8	33.1	33.3	33.5	33.7	34.0	34.2	
-80	46.5	47.1	47.4	47.5	47.3	47.0	46.4	45.6	44.4	43.1	41.6	39.9	38.9	37.9	36.8	35.8	34.9	34.2	
-70	92.7	93.0	92.4	90.8	88.2	85.1	81.2	76.8	72.1	66.9	61.7	56.7	51.7	46.7	41.8	38.6	36.1	34.2	
-60	181	186	180	167	155	145	134	123	112	100	88.9	78.1	68.0	58.7	50.1	42.0	37.4	34.2	
-50	928	914	859	761	623	463	368	253	171	145	123	104	86.4	71.7	58.7	47.1	38.7	34.2	
-40	3154	3038	2813	2476	2044	1555	1149	791	500	280	167	133	107	84.8	67.0	51.8	39.9	34.2	
-30	5521	5430	5214	4837	4271	3494	2621	1742	1109	636	319	167	127	97.6	74.6	56.1	41.0	34.2	
-20	6337	6306	6210	5998	5642	5050	4215	3047	1889	1090	583	211	146	109	80.9	59.5	42.0	34.2	
-10	6520	6523	6493	6392	6183	5788	5088	4096	2678	1507	787	322	161	117	84.9	61.7	42.6	34.2	
0	6625	6621	6593	6518	6350	6032	5408	4547	3079	1714	897	382	167	120	86.7	62.7	42.9	34.2	
10	6546	6560	6535	6435	6253	5913	5267	4349	2892	1636	864	354	163	117	84.9	61.7	42.6	34.2	
20	6444	6412	6338	6186	5917	5415	4719	3555	2237	1297	709	251	147	109	80.9	59.6	42.0	34.2	
30	6045	5956	5779	5479	5049	4391	3429	2306	1471	878	434	183	128	97.8	74.7	56.3	41.1	34.2	
40	4836	4653	4329	3862	3208	2435	1792	1238	815	438	197	135	107	84.8	67.3	52.0	39.9	34.2	
50	2277	2113	1880	1595	1311	1027	769	490	257	157	124	105	86.5	72.0	59.1	47.2	38.7	34.2	
60	695	623	524	410	291	201	147	127	113	101	89.2	78.3	68.5	59.3	50.4	42.1	37.3	34.2	
70	95.6	95.7	94.7	92.9	90.1	86.1	81.5	77.0	72.4	67.6	62.6	57.6	52.5	47.2	42.0	38.6	35.8	34.2	
80	49.2	49.6	49.8	49.8	49.5	48.9	48.1	47.0	45.6	44.1	42.4	40.5	39.1	37.8	36.5	35.3	34.5	34.2	
90	23.8	24.4	25.0	25.6	26.2	26.8	27.4	28.1	28.7	29.3	29.9	30.5	31.1	31.7	32.4	33.0	33.6	34.2	
100	23.4	23.6	23.8	24.1	24.3	24.6	25.0	25.3	25.8	26.3	26.9	27.6	28.4	29.4	30.4	31.6	32.9	34.2	
110	27.5	27.5	27.3	27.1	26.8	26.6	26.3	26.1	25.9	25.8	26.0	26.5	27.2	28.1	29.3	30.6	32.3	34.2	
120	34.6	34.4	34.0	33.5	32.8	31.9	30.9	29.8	28.8	27.8	27.0	26.5	26.4	27.1	28.4	29.9	31.8	34.2	
130	42.9	42.5	41.8	40.8	39.6	38.2	36.6	34.9	33.1	31.2	29.5	28.1	27.1	26.7	27.5	29.3	31.4	34.2	
140	53.0	52.4	51.2	49.5	47.5	45.3	42.8	40.2	37.6	35.1	32.5	30.2	28.3	27.1	27.1	28.8	31.1	34.2	
150	63.3	62.5	60.9	58.7	56.0	52.8	49.2	45.7	42.1	38.6	35.4	32.3	29.7	27.8	26.9	28.4	30.9	34.2	
160	74.1	72.7	70.3	67.2	63.5	59.4	55.1	50.4	46.0	41.7	37.8	34.1	30.9	28.4	27.1	28.1	30.8	34.2	
170	85.1	82.6	78.8	74.3	69.4	64.3	59.1	53.9	48.8	43.9	39.4	35.4	31.7	28.9	27.3	28.0	30.8	34.2	
180	92.0	87.8	83.2	77.9	72.3	66.5	60.9	55.4	49.9	44.8	40.0	35.8	32.0	29.1	27.4	28.0	30.8	34.2	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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: