

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	994.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	3.0 degrees horizontal

Beam Spread	At 10% of Imax	91.0V x 90.8H
	At 50% of Imax	59.7V x 60.4H
	At 90% of Imax	21.7V x 27.0H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	892.0 lumens per klm.
	To 50% of Imax	629.0 lumens per klm.
	To 90% of Imax	133.8 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

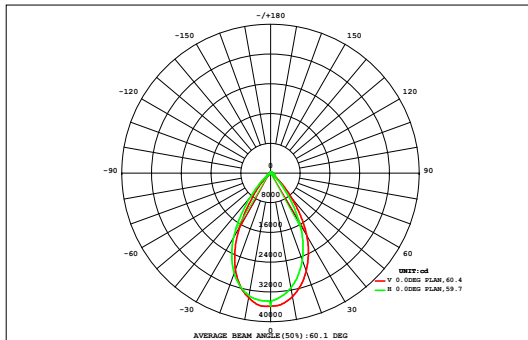
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:222.97V I:1.3400A P:293.73W PF:0.9830 Freq:49.99Hz Lamp Flux:36076.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:122.82lm/W	
MODEL		Imax(cd)	35867
NOMINAL POWER(W)	300	AVAILABILITY(%)	89.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	32220
NOMINAL FLUX(lm)	36076.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	36077
TEST VOLTAGE(V)	220	θ @50% (H,V)	60,60DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.21	0.68	1.22	1.81	2.41	2.99	3.49	3.88	4.10	4.10	3.89	3.50	2.98	2.38	1.77	1.22	0.71	0.23	41.6	0.00
90	0.21	0.68	1.22	1.81	2.41	2.99	3.49	3.88	4.10	4.10	3.89	3.50	2.98	2.38	1.77	1.22	0.71	0.23	41.6	0.00
80	0.24	0.90	1.86	3.10	4.62	6.36	8.05	9.42	10.2	10.3	9.55	8.26	6.61	4.86	3.25	1.86	0.85	0.24	90.5	0.00
70	0.27	1.14	2.62	5.05	8.42	12.2	15.6	18.1	19.5	19.6	18.4	15.9	12.4	8.71	5.35	2.84	1.15	0.26	167	0.00
60	0.30	1.39	3.70	7.80	13.1	18.5	24.0	30.3	35.5	35.4	30.6	24.9	19.4	13.6	8.09	3.96	1.49	0.28	272	0.00
50	0.32	1.66	4.97	10.7	17.5	30.3	64.5	111	144	139	100	56.2	29.7	18.8	11.2	5.23	1.82	0.31	747	382
40	0.35	1.95	6.22	13.0	26.3	84.3	198	329	417	407	301	164	64.4	25.5	14.1	6.50	2.13	0.35	2061	1866
30	0.37	2.22	7.24	15.4	51.9	182	396	607	728	722	579	343	135	38.7	16.7	7.66	2.41	0.37	3835	3693
	0.38	2.41	7.94	18.3	86.8	283	566	803	934	935	794	518	215	56.2	18.8	8.52	2.61	0.39	5250	5129
	0.38	2.51	8.30	20.8	111	345	650	901	1035	1040	902	611	263	67.3	20.0	9.00	2.72	0.40	5990	5873
	0.38	2.50	8.29	20.7	109	338	637	882	1012	1016	883	598	256	65.4	19.9	9.00	2.71	0.40	5860	5745
	0.38	2.39	7.91	18.2	82.3	266	529	748	858	859	738	481	198	51.7	18.7	8.50	2.59	0.39	4871	4746
	0.36	2.19	7.17	15.5	47.7	163	350	529	619	613	501	297	117	34.4	16.7	7.59	2.38	0.37	3324	3174
-30	0.34	1.92	6.10	13.1	25.3	71.9	165	266	323	312	237	131	52.0	24.5	14.2	6.38	2.10	0.34	1652	1440
-40	0.32	1.62	4.81	10.5	17.8	28.5	51.7	82.9	101	95.8	71.6	43.4	27.9	19.0	11.0	5.07	1.78	0.31	575	173
-50	0.29	1.35	3.55	7.44	12.8	18.6	24.4	29.3	32.0	31.9	29.5	25.2	19.5	13.3	7.74	3.81	1.45	0.28	262	0.00
-60	0.27	1.10	2.49	4.75	7.82	11.3	14.7	17.3	18.8	18.9	17.6	15.0	11.6	8.11	5.05	2.71	1.11	0.26	159	0.00
-70	0.24	0.88	1.74	2.85	4.22	5.71	7.12	8.21	8.78	8.82	8.34	7.33	5.96	4.46	3.01	1.74	0.82	0.24	80.5	0.00
-80	0.21	0.69	1.21	1.74	2.25	2.72	3.10	3.37	3.49	3.50	3.38	3.11	2.71	2.23	1.71	1.20	0.71	0.24	37.6	0.00
-90	0.21	0.68	1.22	1.81	2.41	2.99	3.49	3.88	4.10	4.10	3.89	3.50	2.98	2.38	1.77	1.22	0.71	0.23	41.6	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	5.63	29.5	87.3	191	631	1871	3708	5378	6304	6270	5229	3346	1440	459	197	92.8	31.5	5.65	35275	---
Φ a	0.00	0.00	0.00	0.00	329	1647	3502	5176	6102	6066	5015	3118	1172	94.6	0.00	0.00	0.00	0.00	---	32220

one-half-peak spread: U:28.1,D:29.0 , L:34.7,R:26.0

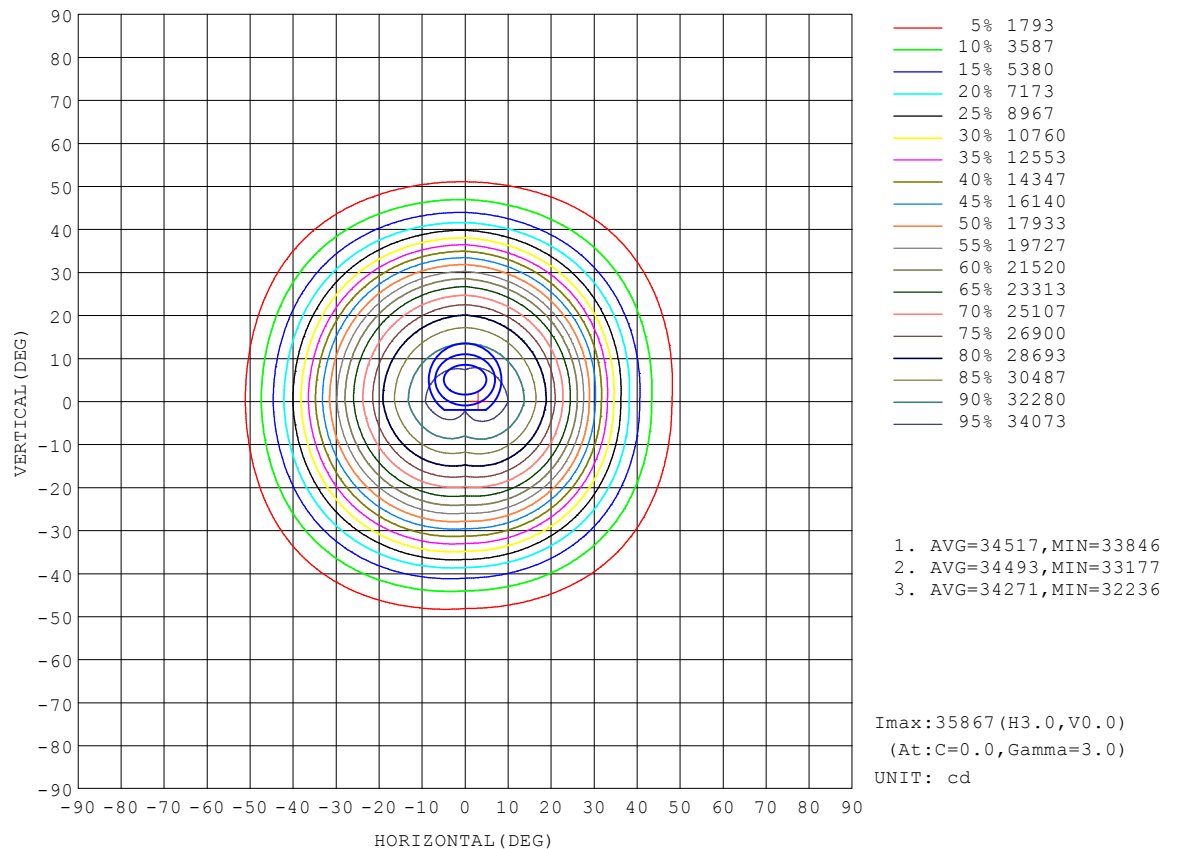
NEMA Beam Type: Type 5

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:222.97V I:1.3400A P:293.73W PF:0.9830 Freq:49.99Hz Lamp Flux:36076.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

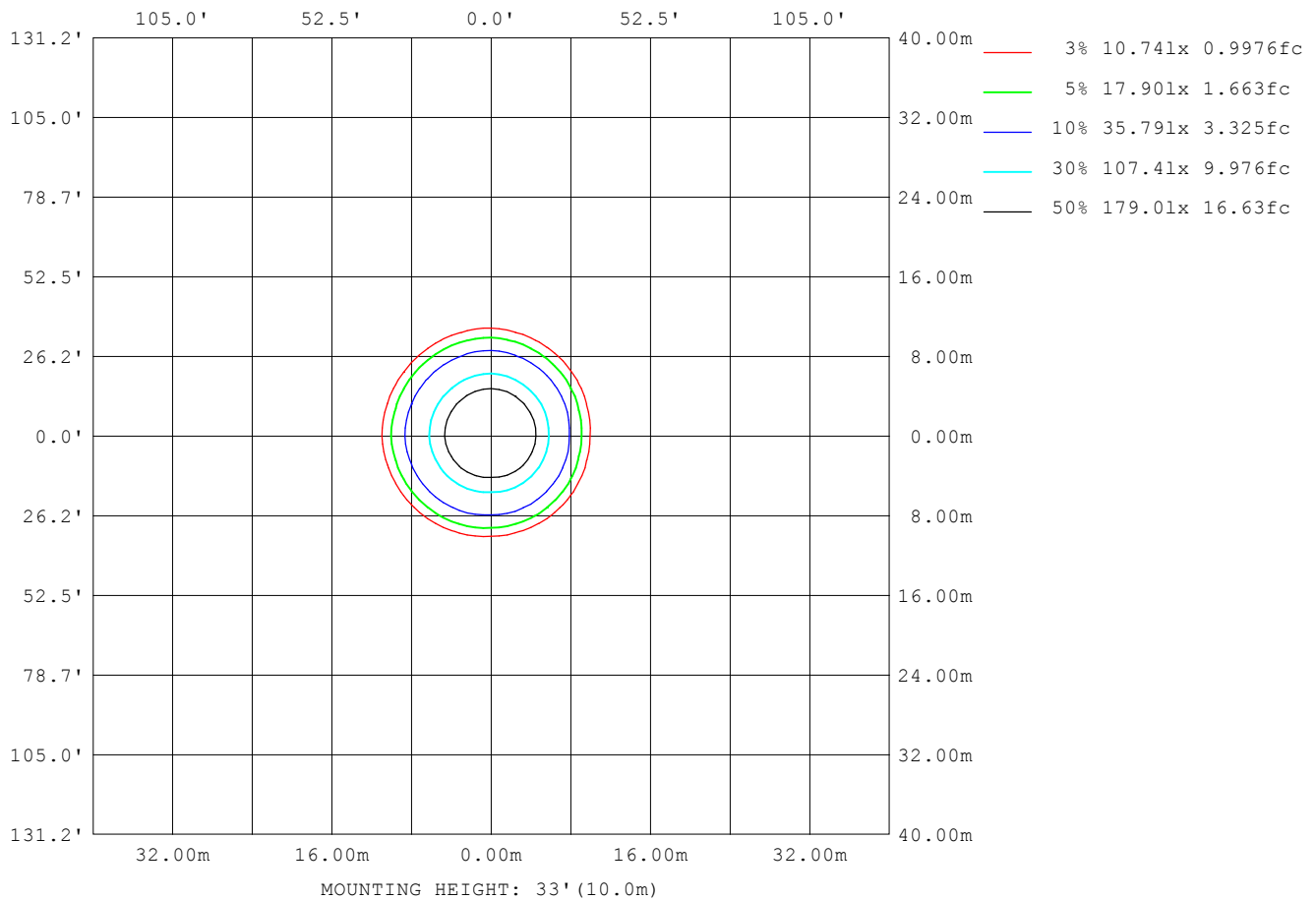


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Test Distance:9.250m [K=1.0000]
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ISOLUX DIAGRAM

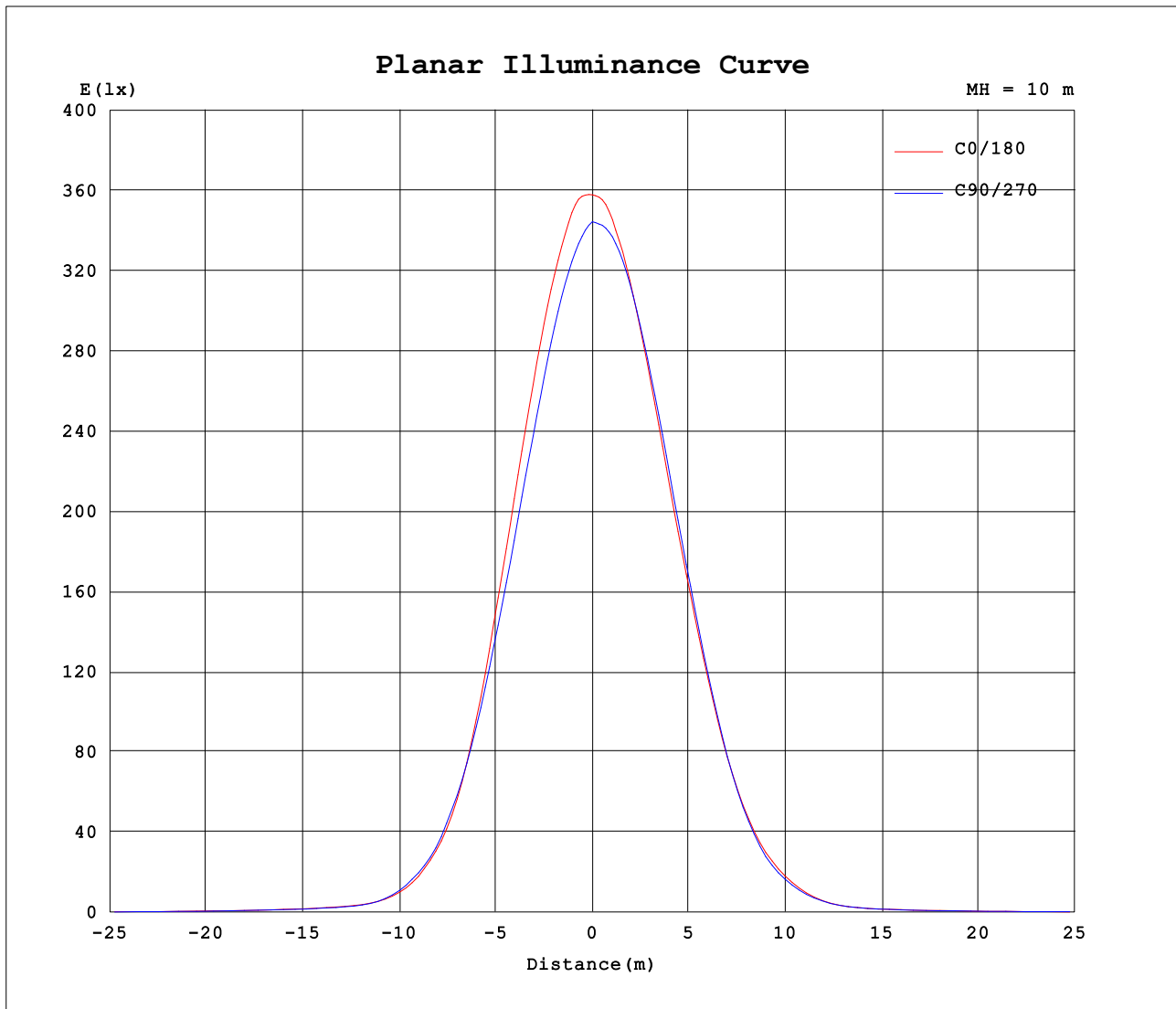
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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
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 Remarks:

Planar Illuminance Curve

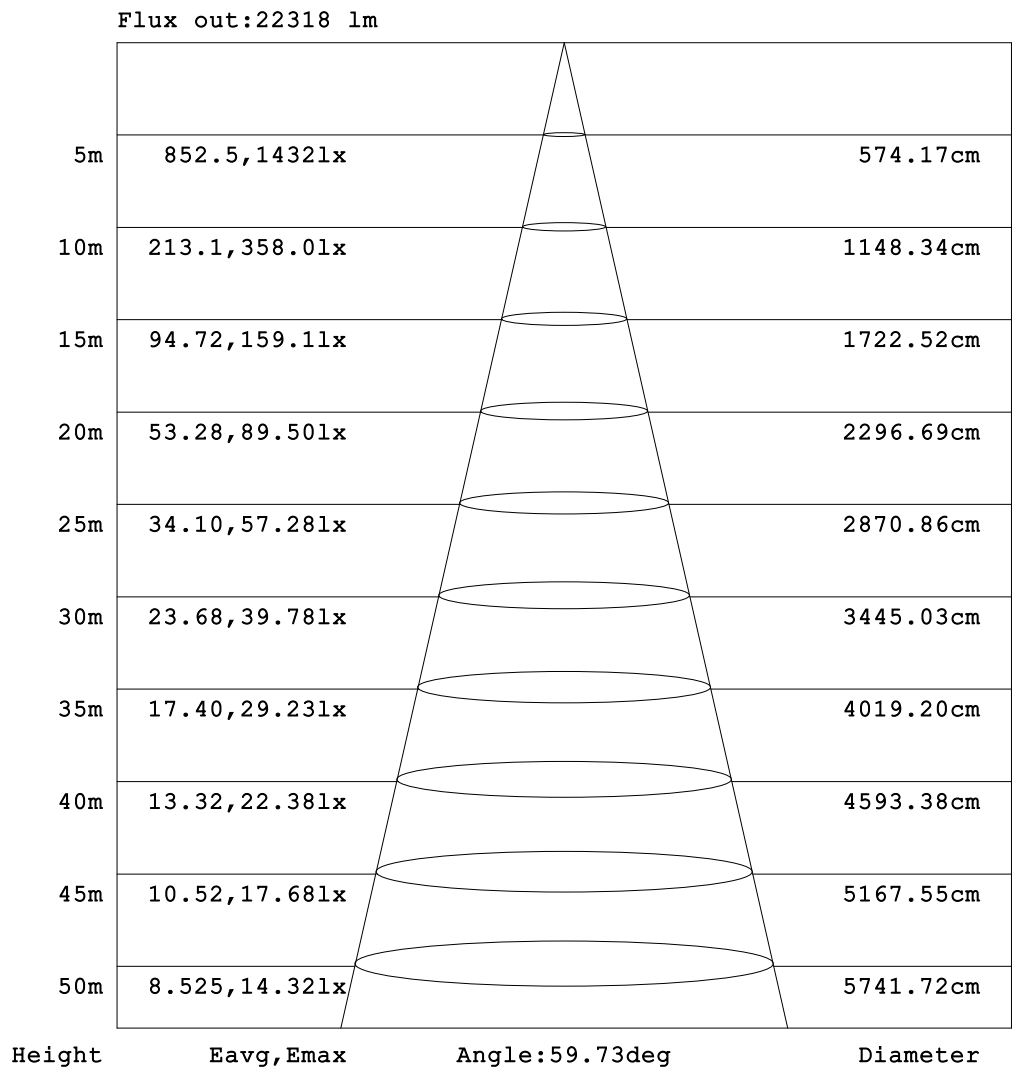


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:222.97V I:1.3400A P:293.73W PF:0.9830 Freq:49.99Hz Lamp Flux:36076.6x1 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:222.97V I:1.3400A P:293.73W PF:0.9830 Freq:49.99Hz Lamp Flux:36076.6x1 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	7.76	7.13	7.37	7.46	8.02	8.88	9.98	11.3	13.0	14.9	16.9	19.0	21.1	23.1	24.9	26.7	28.4	29.8	30.8
-170	7.76	7.14	7.36	7.44	7.95	8.77	9.84	11.2	12.7	14.6	16.6	18.7	20.8	22.8	24.6	26.4	27.9	29.1	29.8
-160	7.76	7.14	7.34	7.39	7.80	8.51	9.46	10.6	12.1	13.7	15.5	17.4	19.3	21.1	22.8	24.2	25.4	26.4	26.9
-150	7.76	7.14	7.30	7.36	7.61	8.16	8.91	9.86	11.0	12.3	13.8	15.3	16.8	18.3	19.7	20.8	21.8	22.4	22.8
-140	7.76	7.15	7.26	7.36	7.41	7.76	8.28	8.95	9.75	10.7	11.7	12.8	13.9	14.9	15.9	16.7	17.4	17.9	18.1
-130	7.76	7.18	7.23	7.33	7.33	7.43	7.70	8.08	8.55	9.09	9.70	10.3	11.0	11.6	12.2	12.7	13.1	13.4	13.5
-120	7.76	7.22	7.19	7.27	7.33	7.31	7.32	7.44	7.63	7.85	8.11	8.38	8.66	8.93	9.18	9.40	9.56	9.65	9.67
-110	7.76	7.30	7.23	7.23	7.27	7.30	7.30	7.28	7.24	7.23	7.25	7.29	7.33	7.38	7.42	7.45	7.47	7.46	7.44
-100	7.76	7.48	7.35	7.32	7.32	7.32	7.33	7.35	7.35	7.35	7.34	7.32	7.29	7.27	7.24	7.22	7.19	7.17	7.16
-90	7.76	7.80	7.85	7.89	7.94	7.98	8.03	8.07	8.12	8.17	8.21	8.26	8.30	8.35	8.39	8.44	8.49	8.53	8.58
-80	7.76	8.20	9.00	9.77	10.5	11.2	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.4	16.9	17.3	17.6	17.7	17.7
-70	7.76	8.98	10.6	12.3	14.1	16.0	18.2	20.7	23.5	26.6	29.5	32.3	35.0	37.5	39.5	41.1	42.2	42.9	43.0
-60	7.76	9.77	12.3	15.1	18.3	22.5	28.1	34.0	40.4	46.9	53.7	59.8	65.2	70.5	75.2	78.9	81.6	83.3	84.1
-50	7.76	10.5	14.0	18.0	23.7	31.6	40.8	50.9	61.3	70.8	80.5	89.3	98.5	109	120	131	140	143	140
-40	7.76	11.1	15.5	21.1	30.2	41.4	54.9	67.3	80.1	93.4	112	154	232	332	437	527	589	619	612
-30	7.76	11.7	16.8	24.3	36.2	50.8	66.1	80.8	98.3	138	256	444	660	899	1151	1354	1499	1574	1571
-20	7.76	12.1	17.8	27.3	41.2	58.8	74.1	92.1	130	277	530	847	1240	1630	1971	2227	2403	2497	2497
-10	7.76	12.4	18.5	29.2	44.5	63.0	79.4	102	187	434	773	1229	1727	2173	2537	2839	3048	3153	3139
0	7.76	12.5	18.8	29.9	45.7	64.4	80.9	106	222	514	901	1414	1952	2409	2803	3134	3376	3538	3579
10	7.76	12.4	18.6	29.4	44.7	63.2	79.2	102	193	450	802	1279	1803	2268	2650	2967	3190	3316	3348
20	7.76	12.1	18.0	27.6	41.7	59.3	73.9	91.6	133	300	572	924	1356	1796	2174	2466	2681	2818	2871
30	7.76	11.7	17.0	24.6	37.0	51.7	66.5	80.0	97.9	147	294	508	756	1054	1356	1624	1823	1948	1994
40	7.76	11.2	15.8	21.4	31.0	42.6	56.2	67.8	78.9	92.3	115	178	290	421	551	668	774	848	872
50	7.76	10.5	14.3	18.5	24.3	32.9	42.4	52.8	62.9	70.7	78.7	87.3	97.6	112	135	165	190	209	215
60	7.76	9.81	12.5	15.6	19.0	23.4	29.6	36.2	42.9	49.6	56.7	62.5	66.8	70.5	73.6	76.3	78.3	79.5	79.8
70	7.76	8.98	10.8	12.7	14.8	17.0	19.4	22.0	25.2	28.9	32.6	36.0	39.1	41.9	44.3	46.2	47.6	48.6	49.0
80	7.76	8.16	9.00	9.90	10.8	11.7	12.7	13.7	14.7	15.7	16.6	17.5	18.3	19.1	19.8	20.4	20.9	21.2	21.4
90	7.76	7.74	7.72	7.70	7.68	7.66	7.63	7.61	7.59	7.57	7.55	7.53	7.51	7.49	7.47	7.45	7.43	7.41	7.39
100	7.76	7.41	7.19	7.10	7.05	7.03	7.03	7.04	7.05	7.06	7.07	7.07	7.08	7.08	7.07	7.06	7.05	7.04	7.02
110	7.76	7.22	7.10	7.09	7.14	7.20	7.25	7.27	7.28	7.32	7.39	7.49	7.58	7.67	7.75	7.82	7.86	7.89	7.89
120	7.76	7.15	7.10	7.19	7.30	7.32	7.38	7.56	7.80	8.06	8.34	8.62	8.89	9.13	9.34	9.51	9.64	9.70	9.72
130	7.76	7.13	7.17	7.31	7.34	7.49	7.81	8.23	8.70	9.21	9.74	10.3	10.8	11.3	11.7	12.1	12.4	12.5	12.5
140	7.76	7.11	7.23	7.36	7.45	7.84	8.39	9.04	9.78	10.6	11.5	12.4	13.3	14.2	15.0	15.6	16.1	16.4	16.5
150	7.76	7.11	7.29	7.37	7.65	8.22	8.98	9.87	10.9	12.1	13.4	14.8	16.1	17.4	18.5	19.5	20.1	20.5	20.6
160	7.76	7.12	7.33	7.40	7.84	8.56	9.49	10.6	11.9	13.5	15.2	16.9	18.7	20.3	21.7	22.9	23.8	24.3	24.5
170	7.76	7.13	7.36	7.44	7.97	8.79	9.84	11.1	12.7	14.5	16.4	18.4	20.4	22.3	24.0	25.5	26.9	27.8	28.1
180	7.76	7.13	7.37	7.46	8.02	8.88	9.98	11.3	13.0	14.9	16.9	19.0	21.1	23.1	24.9	26.7	28.4	29.8	30.3

C Range: 0 - 360DEG
C Interval: 90.0DEG
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γ Range: 0 - 180DEG
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Humidity:65.0%
Test Distance:9.250m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	30.4	29.8	28.5	26.7	24.7	22.5	20.3	18.0	15.7	13.5	11.6	9.86	8.47	7.57	7.15	7.30	7.97	8.78	
-170	29.6	28.8	27.6	25.9	24.0	21.9	19.8	17.5	15.3	13.2	11.3	9.69	8.37	7.52	7.14	7.31	7.98	8.78	
-160	26.6	26.0	24.9	23.5	21.9	20.1	18.2	16.2	14.2	12.4	10.7	9.24	8.11	7.41	7.12	7.37	8.01	8.78	
-150	22.6	22.1	21.2	20.2	18.9	17.4	15.8	14.2	12.6	11.1	9.75	8.60	7.76	7.27	7.11	7.47	8.06	8.78	
-140	18.0	17.6	17.0	16.2	15.2	14.2	13.0	11.9	10.7	9.64	8.68	7.92	7.41	7.15	7.16	7.60	8.13	8.78	
-130	13.4	13.2	12.8	12.3	11.7	11.1	10.3	9.61	8.91	8.27	7.76	7.39	7.17	7.10	7.33	7.77	8.22	8.78	
-120	9.64	9.54	9.36	9.12	8.83	8.52	8.19	7.88	7.60	7.37	7.20	7.11	7.11	7.29	7.62	7.95	8.32	8.78	
-110	7.44	7.42	7.38	7.32	7.26	7.20	7.15	7.11	7.08	7.08	7.14	7.27	7.47	7.70	7.93	8.17	8.45	8.78	
-100	7.17	7.19	7.22	7.25	7.29	7.35	7.42	7.50	7.59	7.68	7.79	7.90	8.02	8.15	8.29	8.44	8.60	8.78	
-90	8.59	8.60	8.61	8.62	8.63	8.64	8.65	8.67	8.68	8.69	8.70	8.71	8.72	8.73	8.74	8.75	8.76	8.78	
-80	17.9	17.8	17.7	17.4	16.9	16.4	15.7	15.0	14.1	13.2	12.2	11.1	10.4	9.80	9.40	9.13	8.95	8.78	
-70	43.0	42.5	41.6	40.1	38.2	35.9	33.4	30.7	27.9	25.2	22.5	19.8	17.0	14.3	11.3	9.84	9.14	8.78	
-60	84.0	82.9	80.7	77.5	73.1	67.4	61.3	54.8	48.2	42.0	35.7	29.9	24.7	20.2	15.8	11.2	9.40	8.78	
-50	138	132	124	117	110	102	94.3	85.7	75.6	63.8	52.5	42.7	33.7	26.0	19.9	14.0	9.74	8.78	
-40	592	538	455	354	252	173	131	114	99.8	86.8	72.2	56.6	43.6	32.4	23.6	16.4	10.1	8.78	
-30	1540	1428	1238	996	728	499	302	173	125	105	88.6	71.0	52.8	38.5	26.9	18.3	10.6	8.78	
-20	2491	2383	2171	1849	1429	984	614	339	175	123	101	82.0	61.2	43.6	29.7	19.8	11.0	8.78	
-10	3163	3062	2834	2488	2027	1455	902	514	250	139	109	88.6	67.0	46.9	31.7	20.8	11.2	8.78	
0	3570	3407	3153	2772	2272	1653	1029	581	283	147	113	91.0	69.2	48.1	32.4	21.1	11.3	8.78	
10	3325	3204	2961	2601	2122	1532	953	543	267	144	109	88.3	67.2	47.1	31.8	20.8	11.3	8.78	
20	2812	2661	2410	2052	1595	1101	691	381	198	126	100	81.7	61.8	44.1	29.9	19.9	11.0	8.78	
30	1914	1751	1509	1201	884	595	366	211	134	105	87.8	71.5	53.7	39.3	27.2	18.5	10.6	8.78	
40	821	723	596	468	341	231	155	117	98.7	85.6	72.7	58.0	44.7	33.2	24.0	16.7	10.2	8.78	
50	204	183	158	132	114	101	92.3	83.9	75.5	65.4	54.3	44.3	35.0	26.7	20.3	14.3	9.79	8.78	
60	80.1	79.5	78.1	75.9	73.0	69.0	64.0	57.8	50.9	44.5	37.9	31.3	25.6	20.9	16.3	11.5	9.44	8.78	
70	48.7	47.9	46.6	44.9	42.7	40.1	37.1	33.7	30.2	26.8	23.8	20.9	18.0	15.1	11.8	9.99	9.13	8.78	
80	21.3	21.1	20.8	20.3	19.6	18.9	18.0	17.0	16.0	14.7	13.4	11.9	10.9	10.1	9.54	9.13	8.91	8.78	
90	7.47	7.55	7.62	7.70	7.78	7.85	7.93	8.01	8.08	8.16	8.24	8.32	8.39	8.47	8.55	8.62	8.70	8.78	
100	7.04	7.05	7.06	7.08	7.10	7.13	7.18	7.23	7.30	7.38	7.48	7.59	7.73	7.88	8.06	8.27	8.52	8.78	
110	7.86	7.81	7.74	7.65	7.55	7.45	7.34	7.25	7.17	7.12	7.14	7.22	7.37	7.57	7.78	8.04	8.37	8.78	
120	9.70	9.62	9.47	9.28	9.03	8.74	8.43	8.12	7.81	7.54	7.32	7.17	7.12	7.26	7.54	7.86	8.25	8.78	
130	12.6	12.4	12.2	11.8	11.4	10.9	10.3	9.66	9.02	8.43	7.91	7.50	7.23	7.12	7.31	7.71	8.16	8.78	
140	16.5	16.3	15.9	15.3	14.5	13.6	12.6	11.6	10.6	9.67	8.77	8.03	7.49	7.19	7.16	7.57	8.09	8.78	
150	20.7	20.4	19.9	19.0	17.9	16.7	15.3	13.8	12.4	11.0	9.76	8.66	7.83	7.31	7.11	7.45	8.03	8.78	
160	24.6	24.3	23.6	22.5	21.1	19.5	17.7	15.8	14.0	12.2	10.7	9.27	8.15	7.45	7.13	7.36	7.99	8.78	
170	28.2	27.8	26.7	25.2	23.5	21.5	19.5	17.3	15.2	13.1	11.3	9.70	8.39	7.54	7.15	7.31	7.97	8.78	
180	30.4	29.8	28.5	26.7	24.7	22.5	20.3	18.0	15.7	13.5	11.6	9.86	8.47	7.57	7.15	7.30	7.97	8.78	

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: