

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	702.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	14.0 degrees horizontal

Beam Spread	At 10% of Imax	75.1V x 141.9H
	At 50% of Imax	55.2V x 107.6H
	At 90% of Imax	21.4V x 73.3H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	904.0 lumens per klm.
	To 50% of Imax	749.7 lumens per klm.
	To 90% of Imax	287.6 lumens per klm.

Upward LOR	2.1 %
Downward LOR	97.9 %

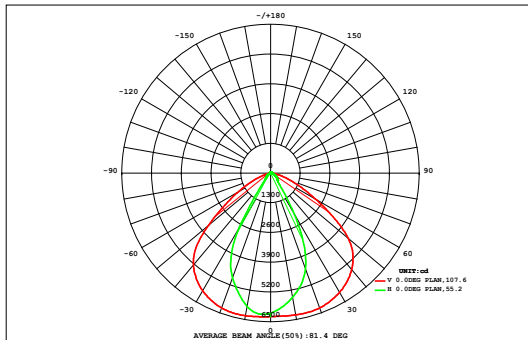
Luminaire Efficiency (Light Output Ratio)	100.0 %
---	---------

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:178.88lm/W	
MODEL		Imax (cd)	6340
NOMINAL POWER (W)	50	AVAILABILITY (%)	90.7
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	8184
NOMINAL FLUX (lm)	9026.69	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	9027
TEST VOLTAGE (V)	220	θ @50% (H,V)	108,55DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.05	0.15	0.25	0.34	0.38	0.45	0.51	0.54	0.56	0.55	0.54	0.50	0.44	0.38	0.35	0.30	0.20	0.08	6.56	0.00
90	0.05	0.23	0.55	0.87	0.86	1.01	1.23	1.35	1.34	1.32	1.31	1.18	0.94	0.71	0.56	0.38	0.23	0.08	14.2	0.00
80	0.07	0.43	1.39	2.60	2.50	2.49	3.12	3.47	3.52	3.48	3.36	3.00	2.41	1.97	1.44	0.67	0.27	0.08	36.3	0.00
70	0.09	0.80	3.10	5.92	6.14	4.31	5.12	5.92	6.37	6.37	5.87	4.89	3.88	4.81	3.77	1.48	0.38	0.09	69.3	0.00
60	0.11	1.36	5.56	11.0	13.5	7.65	7.49	9.29	10.0	10.6	9.95	7.79	7.11	10.2	7.77	3.04	0.58	0.09	123	15.6
50	0.14	2.08	8.53	18.8	27.6	21.6	20.1	40.1	42.3	45.8	49.7	27.7	20.0	21.4	13.5	5.30	0.89	0.10	366	327
40	0.17	2.83	12.0	29.5	48.5	54.3	85.4	116	125	128	124	99.5	57.3	39.9	21.5	7.90	1.26	0.10	953	945
30	0.20	3.50	15.5	42.1	72.6	99.2	136	156	166	169	165	142	103	63.6	31.1	10.5	1.63	0.11	1378	1372
20	0.22	4.01	18.6	54.0	97.3	132	161	178	186	187	182	162	131	87.5	40.3	12.7	1.91	0.12	1637	1632
10	0.22	4.01	18.6	54.1	97.3	128	156	172	176	181	176	158	125	87.2	40.4	12.7	1.92	0.12	1589	1584
0	0.20	3.52	15.6	42.3	72.9	90.3	120	141	153	157	149	125	87.9	63.6	31.3	10.6	1.64	0.11	1264	1258
-10	0.17	2.85	12.1	29.9	49.2	50.8	59.1	91.5	105	108	98.0	62.4	47.9	40.5	21.9	8.01	1.28	0.11	788	780
-20	0.14	2.10	8.66	19.3	28.6	22.7	15.9	28.3	34.7	35.5	29.0	15.7	20.6	22.2	14.0	5.40	0.91	0.10	304	249
-30	0.11	1.39	5.70	11.4	14.6	9.29	9.47	11.6	12.9	12.9	11.7	9.51	8.48	11.3	8.14	3.13	0.60	0.09	142	21.8
-40	0.09	0.83	3.22	6.24	6.85	5.70	6.98	8.06	8.78	8.74	7.92	6.70	5.36	5.48	4.01	1.56	0.40	0.09	87.0	0.00
-50	0.07	0.46	1.49	2.84	3.00	3.26	4.14	4.78	5.01	4.97	4.65	3.95	3.02	2.32	1.61	0.74	0.29	0.08	46.7	0.00
-60	0.06	0.25	0.61	1.03	1.15	1.41	1.74	1.95	2.00	1.97	1.86	1.61	1.28	0.95	0.69	0.44	0.25	0.08	19.3	0.00
-70	0.05	0.17	0.30	0.44	0.55	0.64	0.71	0.76	0.77	0.76	0.74	0.69	0.61	0.53	0.44	0.34	0.22	0.08	8.80	0.00
-80	0.05	0.17	0.30	0.44	0.55	0.64	0.71	0.76	0.77	0.76	0.74	0.69	0.61	0.53	0.44	0.34	0.22	0.08	8.80	0.00
-90	0.05	0.17	0.30	0.44	0.55	0.64	0.71	0.76	0.77	0.76	0.74	0.69	0.61	0.53	0.44	0.34	0.22	0.08	8.80	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.22	31.0	132	333	544	635	794	971	1040	1063	1020	832	626	465	243	85.3	14.9	1.70	8833	---
Φ a	0.00	6.19	103	303	512	595	738	916	983	1006	966	778	585	430	212	51.7	0.00	0.00	---	8184

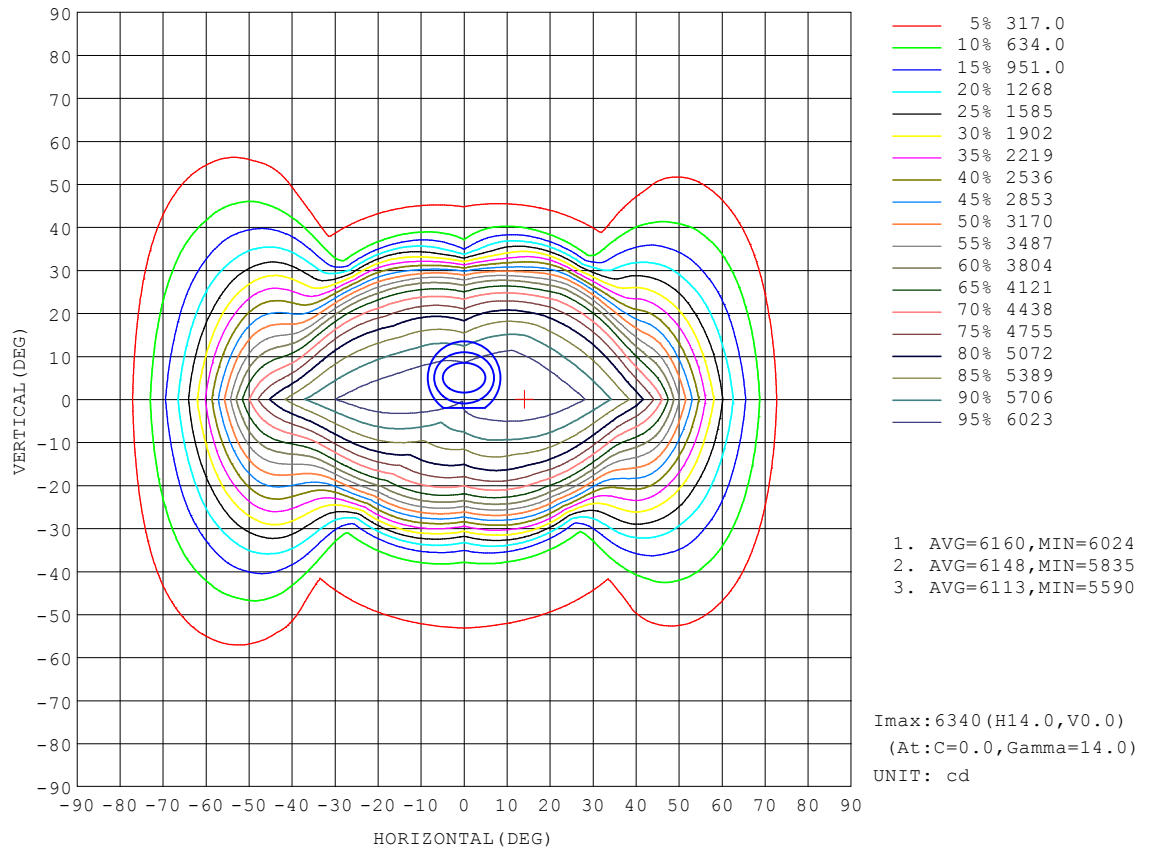
one-half-peak spread: U:26.4,D:26.0 , L:37.0,R:37.0 Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

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:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

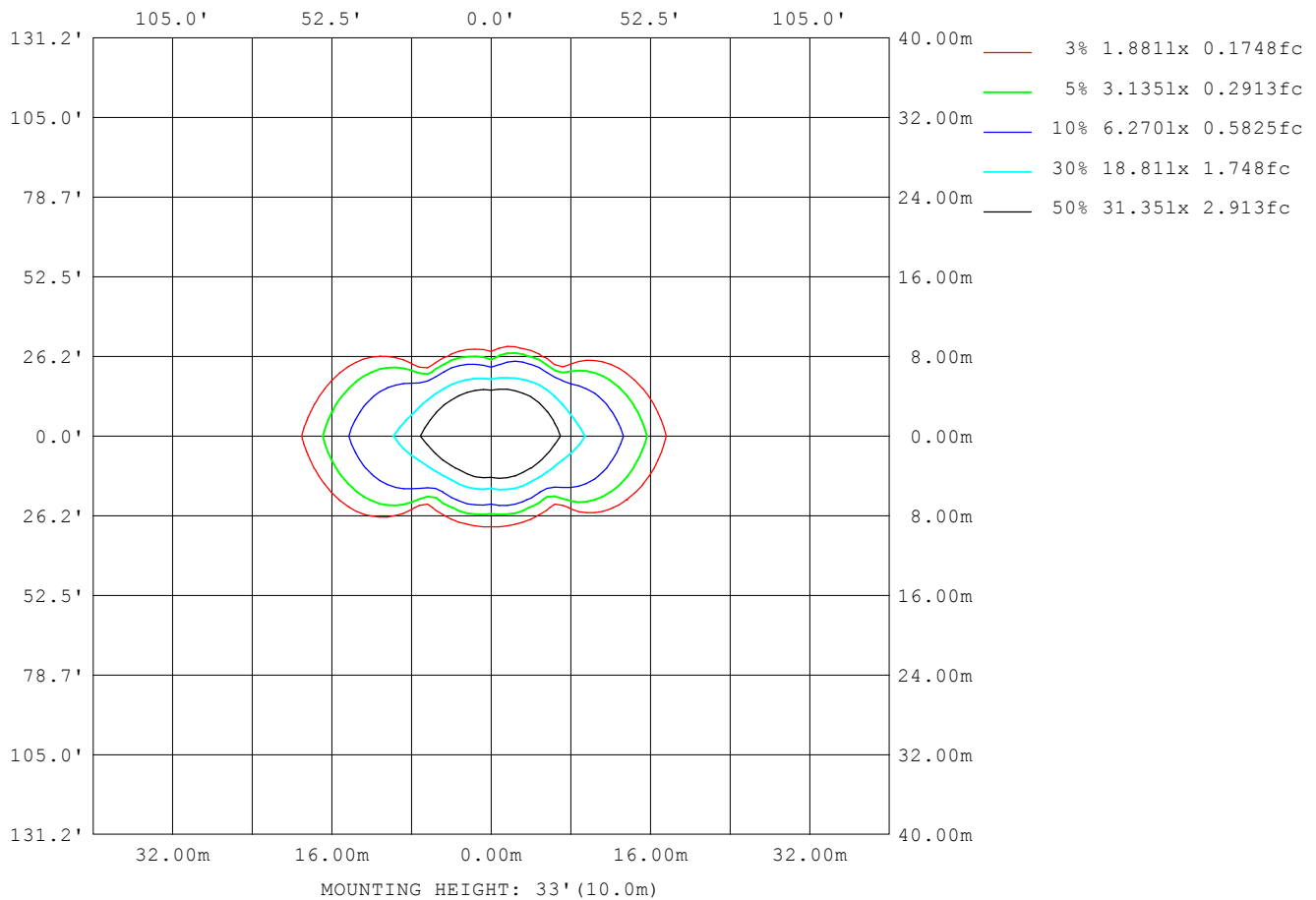


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:

ISOLUX DIAGRAM

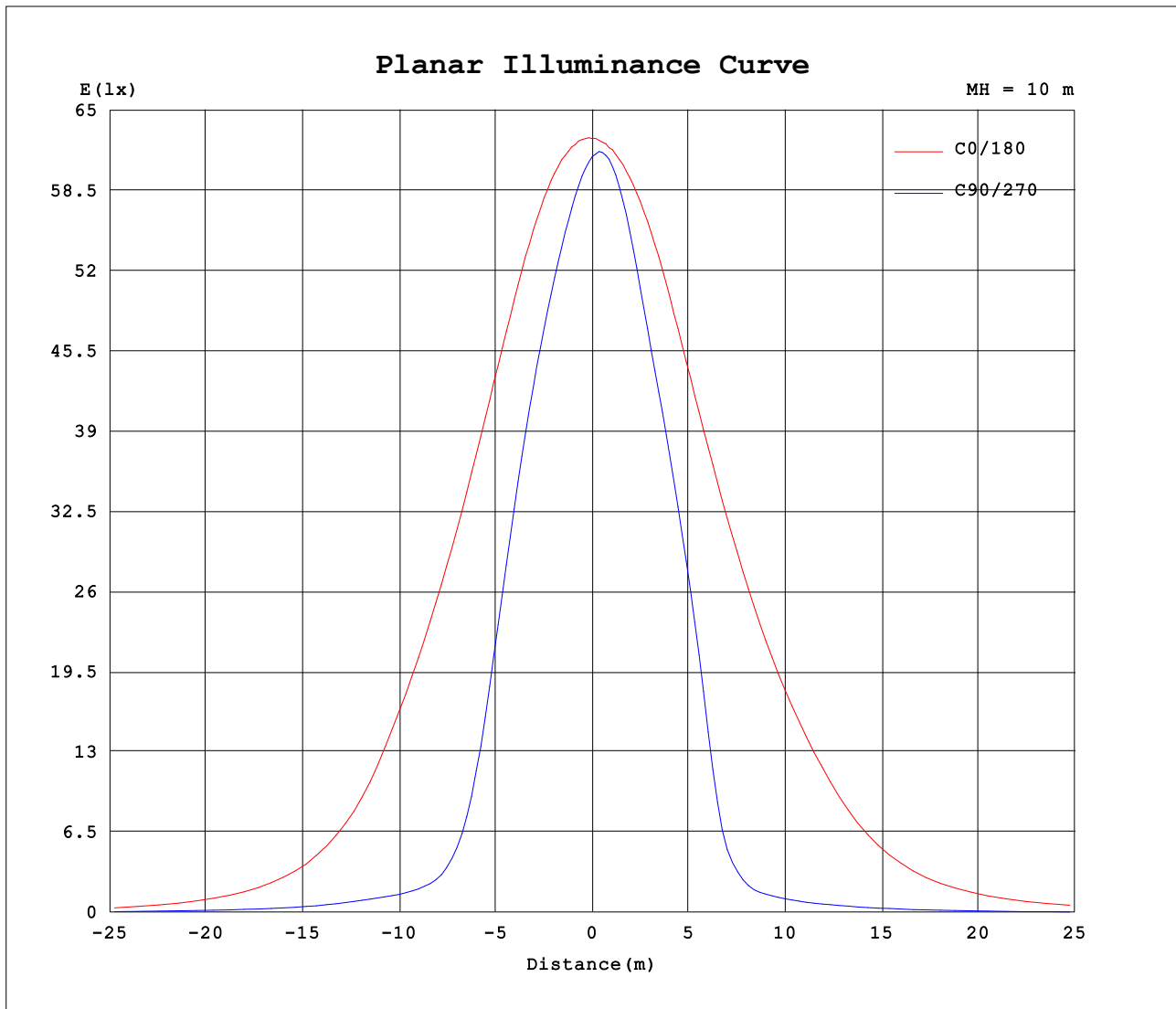
Test:U:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

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:

Planar Illuminance Curve

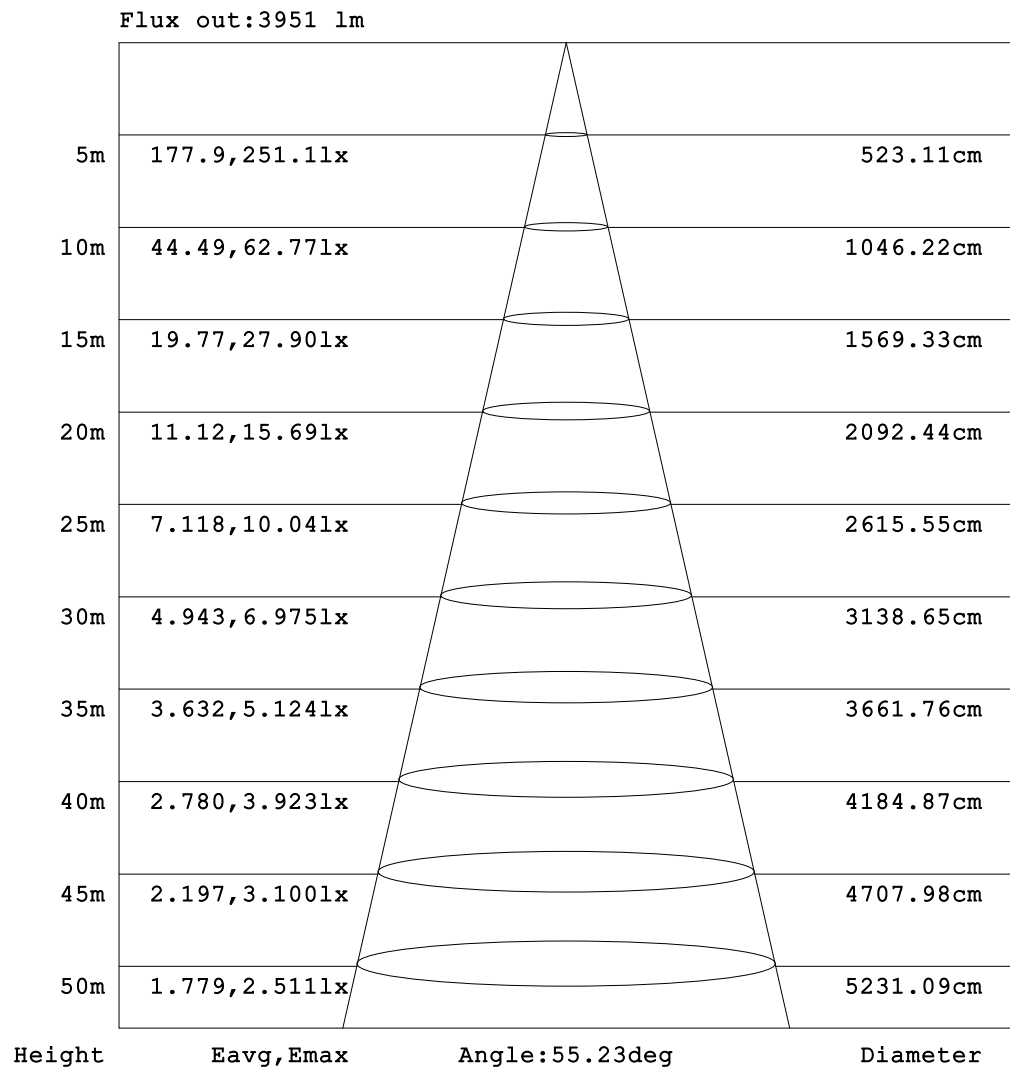


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 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:2025-07-30

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:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
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	18.2	17.3	18.8	21.0	23.7	26.7	29.8	33.0	36.3	39.6	42.8	46.0	49.5	53.2	57.0	60.6	63.8	66.4	67.7
-170	18.2	17.3	18.7	20.7	23.2	25.8	28.7	31.6	34.6	37.7	40.7	43.5	46.5	50.0	53.7	57.2	60.4	64.3	67.3
-160	18.2	17.3	18.5	20.2	22.3	24.6	27.0	29.6	32.1	34.7	37.3	39.8	42.0	44.3	46.7	50.4	54.1	57.1	59.1
-150	18.2	17.3	18.3	19.6	21.2	23.0	24.9	27.0	29.0	31.0	33.0	34.9	36.7	38.4	40.4	42.6	44.6	46.2	47.2
-140	18.2	17.3	18.0	19.0	20.1	21.3	22.7	24.1	25.5	26.9	28.2	29.4	30.7	32.1	33.4	34.5	35.4	35.9	35.9
-130	18.2	17.3	17.8	18.4	19.1	19.8	20.5	21.3	22.1	22.9	23.6	24.2	24.9	25.5	25.9	26.3	26.4	26.2	25.8
-120	18.2	17.3	17.6	18.0	18.4	18.6	18.9	19.1	19.2	19.4	19.6	19.7	19.6	19.5	19.4	19.2	18.8	18.3	17.7
-110	18.2	17.4	17.6	17.8	18.0	18.2	18.2	18.1	17.9	17.7	17.4	17.3	17.0	16.8	16.5	16.1	15.7	15.3	14.9
-100	18.2	17.7	17.7	17.9	18.2	18.3	18.4	18.5	18.5	18.4	18.1	17.8	17.5	17.2	16.9	16.7	16.4	16.2	16.0
-90	18.2	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.6	20.8	20.6	20.3	20.1	19.8	19.6	19.3	19.1	18.8	18.6
-80	18.2	19.8	21.5	24.0	27.0	30.3	33.4	34.7	34.8	33.1	34.1	35.3	36.3	37.1	37.8	38.1	38.1	37.8	37.2
-70	18.2	21.4	28.1	40.6	54.1	72.1	86.7	95.8	95.8	82.2	78.8	87.2	94.3	99.8	104	106	107	106	103
-60	18.2	24.0	42.0	71.5	116	167	220	251	251	215	160	175	192	209	218	224	228	229	227
-50	18.2	27.4	59.1	124	219	338	431	487	508	481	361	264	274	291	310	332	351	363	370
-40	18.2	31.6	84.1	193	368	545	703	853	959	971	836	532	361	401	442	485	520	534	520
-30	18.2	36.8	112	275	526	776	1066	1375	1655	1808	1723	1412	995	875	1422	1924	2186	2234	2071
-20	18.2	41.5	137	363	679	1039	1499	2047	2581	2873	2853	2736	2904	3418	3816	4170	4409	4507	4455
-10	18.2	44.5	157	432	810	1278	1921	2745	3559	3995	4172	4385	4806	5141	5333	5395	5353	5478	5518
0	18.2	45.8	167	471	900	1454	2257	3331	4430	5095	5516	5814	6022	6177	6273	6303	6290	6270	6270
10	18.2	44.4	156	430	808	1274	1912	2735	3548	3985	4217	4743	5213	5480	5649	5775	5879	5949	5925
20	18.2	41.1	136	361	675	1032	1485	2025	2559	2848	2837	2989	3729	4309	4610	4815	4956	4983	4883
30	18.2	36.4	110	272	520	766	1052	1345	1620	1771	1682	1380	1106	1605	2383	2740	2906	2940	2758
40	18.2	31.1	82.6	189	362	536	687	830	916	919	783	472	297	340	384	445	505	495	407
50	18.2	26.8	57.4	120	213	328	418	465	484	438	297	189	204	220	236	248	255	257	256
60	18.2	23.3	40.4	68.4	110	159	209	235	231	186	125	141	150	155	159	163	165	165	163
70	18.2	20.7	26.5	38.0	50.0	66.1	78.4	84.9	81.7	64.4	58.1	64.3	69.2	72.8	75.4	75.7	74.5	72.2	68.9
80	18.2	19.0	20.0	21.6	23.7	25.9	27.9	27.9	26.5	23.1	23.6	24.5	25.2	25.7	26.0	26.2	26.0	25.7	25.2
90	18.2	17.8	17.3	16.9	16.5	16.1	15.6	15.2	14.8	14.4	14.4	14.5	14.5	14.6	14.6	14.7	14.7	14.8	14.8
100	18.2	17.0	16.4	16.1	15.8	15.6	15.4	15.3	15.1	14.9	15.0	15.1	15.3	15.3	15.4	15.4	15.5	15.5	15.5
110	18.2	16.8	16.5	16.4	16.5	16.6	16.6	16.7	16.8	16.8	16.9	17.0	17.1	17.1	17.0	16.8	16.6	16.3	16.0
120	18.2	16.7	16.8	17.0	17.4	17.9	18.4	18.8	19.2	19.5	19.6	20.0	20.2	20.4	20.5	20.5	20.4	20.2	19.9
130	18.2	16.8	17.1	17.8	18.6	19.6	20.5	21.3	22.1	22.6	23.1	23.6	24.3	25.0	25.6	26.1	26.5	26.6	26.5
140	18.2	16.9	17.5	18.6	19.9	21.3	22.7	24.0	25.2	26.2	27.1	27.9	28.9	30.3	31.6	32.8	33.8	34.6	34.9
150	18.2	17.0	17.9	19.4	21.1	23.0	24.9	26.7	28.5	30.1	31.6	33.0	34.1	35.5	37.9	40.3	42.8	44.9	46.4
160	18.2	17.2	18.3	20.1	22.3	24.6	26.9	29.3	31.6	33.9	36.0	38.1	40.1	41.9	43.1	46.3	50.2	53.8	56.7
170	18.2	17.2	18.6	20.6	23.2	25.8	28.6	31.5	34.3	37.2	39.9	42.6	45.4	48.1	50.7	53.1	54.8	59.7	63.3
180	18.2	17.3	18.8	21.0	23.7	26.7	29.8	33.0	36.3	39.6	42.8	46.0	49.5	53.2	57.0	60.6	63.8	66.4	67.4

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

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:218.55V I:0.2376A P:50.462W PF:0.9716 Freq:49.99Hz Lamp Flux:9026.69x1 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	67.3	65.8	63.5	60.5	57.1	53.6	49.4	44.4	40.2	37.0	34.5	32.2	29.8	27.8	26.4	26.0	27.2	30.3	
-170	68.1	68.5	65.7	62.5	59.1	55.2	50.4	45.1	40.4	36.9	34.0	31.5	29.1	27.1	25.9	25.8	27.1	30.3	
-160	60.9	61.8	62.4	62.0	58.3	53.9	48.6	43.4	39.1	35.6	32.7	30.2	28.0	26.3	25.4	25.5	27.1	30.3	
-150	49.9	51.7	52.9	53.2	52.5	48.6	43.8	39.7	36.1	33.1	30.5	28.3	26.5	25.3	24.8	25.4	27.1	30.3	
-140	38.2	39.9	40.8	41.0	40.5	39.6	37.4	34.5	31.9	29.6	27.6	26.0	24.9	24.3	24.4	25.3	27.2	30.3	
-130	27.5	28.8	29.8	30.3	30.5	30.2	29.6	28.4	26.8	25.5	24.4	23.7	23.4	23.5	24.2	25.4	27.4	30.3	
-120	19.0	20.1	21.0	21.7	22.2	22.5	22.6	22.5	22.1	21.8	21.8	22.0	22.5	23.2	24.3	25.8	27.7	30.3	
-110	15.6	16.3	16.9	17.5	18.0	18.4	18.6	18.8	19.2	19.8	20.6	21.4	22.4	23.5	24.8	26.3	28.1	30.3	
-100	16.3	16.6	17.0	17.3	17.6	18.0	18.4	18.7	19.2	20.1	21.1	22.2	23.3	24.5	25.8	27.2	28.7	30.3	
-90	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.2	22.3	23.3	24.3	25.3	26.3	27.3	28.3	29.3	30.3	
-80	37.3	37.1	36.7	35.9	34.9	33.8	32.5	31.2	29.8	29.7	29.4	29.1	29.1	29.2	29.4	29.7	30.0	30.3	
-70	104	104	102	98.0	92.6	86.2	78.3	69.5	64.6	62.2	55.6	47.5	40.5	36.1	33.0	31.5	30.8	30.3	
-60	227	224	218	210	199	185	166	149	170	169	144	111	78.1	53.3	40.2	34.1	31.6	30.3	
-50	364	352	333	309	284	261	247	310	378	381	337	253	163	95.6	53.9	38.1	32.5	30.3	
-40	530	515	483	445	407	368	482	677	739	716	616	480	311	166	79.3	42.9	33.5	30.3	
-30	2304	2315	2082	1513	845	958	1319	1482	1420	1227	1002	751	504	261	113	48.8	34.5	30.3	
-20	4604	4593	4433	4118	3636	2927	2614	2644	2428	1971	1484	1064	701	370	151	55.8	35.3	30.3	
-10	5657	5654	5618	5498	5263	4854	4277	3952	3576	2798	2012	1369	878	464	181	61.6	35.8	30.3	
0	6295	6327	6329	6272	6142	5946	5657	5258	4620	3524	2456	1607	1000	520	197	64.3	36.2	30.3	
10	6034	6105	6010	5837	5611	5311	4834	4118	3569	2788	2004	1359	874	462	180	61.2	35.7	30.3	
20	5092	5164	5102	4940	4641	4126	3239	2655	2408	1953	1465	1048	696	367	149	55.0	35.0	30.3	
30	3026	3092	3058	2913	2274	1444	1307	1448	1390	1199	968	736	497	258	111	47.7	34.1	30.3	
40	591	658	589	424	359	314	434	635	695	667	591	469	303	161	76.6	41.7	33.0	30.3	
50	259	259	253	241	223	203	178	237	332	356	323	243	156	91.0	51.1	36.8	31.9	30.3	
60	162	158	153	147	143	140	132	124	150	153	134	102	71.7	49.1	37.6	32.7	31.0	30.3	
70	71.7	73.1	73.1	72.1	70.6	67.8	61.8	54.5	51.0	50.9	46.5	40.6	35.5	32.6	30.7	30.1	30.1	30.3	
80	25.4	25.5	25.4	25.1	24.6	24.0	23.2	22.3	21.4	22.5	23.4	24.2	25.2	26.2	27.2	28.3	29.3	30.3	
90	14.9	14.9	14.9	15.0	15.0	15.0	15.1	15.1	15.1	16.8	18.5	20.2	21.9	23.6	25.2	26.9	28.6	30.3	
100	15.7	16.0	16.2	16.4	16.5	16.6	16.7	16.8	16.8	17.7	18.8	19.9	21.2	22.6	24.2	26.0	28.1	30.3	
110	16.7	17.4	18.0	18.5	19.0	19.3	19.5	19.6	19.6	19.9	20.2	20.7	21.5	22.4	23.7	25.4	27.6	30.3	
120	20.9	21.7	22.3	22.9	23.2	23.4	23.5	23.4	23.1	22.7	22.4	22.3	22.4	22.8	23.7	25.1	27.3	30.3	
130	27.8	28.6	29.2	29.5	29.5	29.2	28.7	27.9	26.9	25.9	25.1	24.3	23.8	23.5	23.9	25.0	27.1	30.3	
140	36.8	38.2	38.9	38.9	38.2	36.9	35.0	32.8	30.9	29.3	27.8	26.4	25.3	24.5	24.3	25.0	26.9	30.3	
150	48.2	49.2	49.6	49.4	48.7	45.7	41.5	37.7	34.7	32.3	30.3	28.4	26.8	25.5	24.9	25.2	26.9	30.3	
160	58.2	58.8	58.8	57.9	54.7	50.9	46.5	41.9	37.8	34.8	32.3	30.1	28.1	26.5	25.4	25.5	26.9	30.3	
170	64.9	65.2	63.1	60.4	57.2	53.5	49.1	44.2	39.8	36.4	33.8	31.4	29.2	27.2	25.9	25.7	27.0	30.3	
180	67.3	65.8	63.5	60.5	57.1	53.6	49.4	44.4	40.2	37.0	34.5	32.2	29.8	27.8	26.4	26.0	27.2	30.3	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

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