

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	353.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	151.3V x 151.5H
	At 50% of Imax	112.4V x 114.8H
	At 90% of Imax	47.0V x 53.5H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	959.6 lumens per klm.
	To 50% of Imax	762.4 lumens per klm.
	To 90% of Imax	198.1 lumens per klm.

Upward LOR	2.4 %
Downward LOR	97.6 %

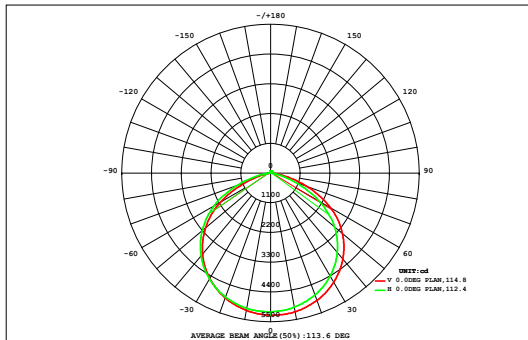
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.63V I:0.6402A P:138.32W PF:0.9883 Freq:50.47Hz Lamp Flux:14871.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:107.51lm/W	
MODEL		Imax(cd)	5254
NOMINAL POWER(W)	150	AVAILABILITY(%)	95.9
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	14264
NOMINAL FLUX(lm)	14871.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	14871
TEST VOLTAGE(V)	220	θ @50% (H,V)	115,112DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.06	0.21	0.41	0.69	1.09	1.58	2.08	2.48	2.68	2.63	2.36	1.98	1.57	1.23	0.96	0.72	0.47	0.17	23.3	0.00
90	0.06	0.21	0.41	0.69	1.09	1.58	2.08	2.48	2.68	2.63	2.36	1.98	1.57	1.23	0.96	0.72	0.47	0.17	23.3	0.00
80	0.07	0.41	1.51	4.07	8.07	12.8	17.4	20.9	22.7	22.0	19.0	14.7	9.84	5.56	2.58	1.09	0.51	0.17	164	108
70	0.10	1.00	4.71	12.2	22.6	34.0	44.4	52.2	56.2	55.3	49.7	40.3	28.9	17.4	8.08	2.59	0.67	0.17	430	415
60	0.14	2.04	9.26	22.3	39.0	56.3	71.1	81.6	86.8	86.0	79.3	67.4	51.3	33.1	16.7	5.56	1.03	0.18	709	701
50	0.20	3.32	14.1	32.1	53.7	74.5	92.1	105	111	110	103	88.7	69.9	48.1	26.1	9.40	1.64	0.19	942	937
40	0.27	4.61	18.5	40.3	65.0	88.5	108	122	129	129	121	105	84.1	59.7	34.5	13.2	2.37	0.20	1126	1123
30	0.33	5.72	22.0	46.6	73.4	98.9	120	135	143	142	134	117	94.7	68.0	40.7	16.5	3.06	0.22	1262	1259
	0.38	6.53	24.5	50.7	79.0	106	128	144	151	151	143	125	102	73.5	44.7	18.8	3.58	0.23	1352	1349
	0.41	6.97	25.8	52.9	81.9	110	133	149	156	156	147	130	105	76.1	46.6	19.9	3.83	0.23	1400	1398
	0.41	6.94	25.7	52.7	81.7	109	133	149	156	155	147	129	105	75.9	46.4	19.7	3.79	0.23	1396	1394
	0.38	6.43	24.1	50.2	78.3	105	127	143	150	149	141	124	101	72.8	44.2	18.4	3.48	0.22	1340	1337
-30	0.33	5.56	21.4	45.6	72.2	97.4	119	133	140	140	132	116	93.2	66.9	39.7	15.9	2.91	0.21	1240	1237
-40	0.26	4.43	17.7	38.8	63.1	86.3	106	119	126	125	117	103	81.9	57.8	33.0	12.5	2.19	0.20	1094	1090
-50	0.20	3.15	13.2	30.1	50.9	71.2	88.3	100	106	105	98.1	84.9	66.6	45.3	24.2	8.53	1.47	0.19	897	891
-60	0.15	1.93	8.45	20.3	35.5	51.4	65.3	74.9	79.1	78.3	72.6	61.5	46.4	29.6	14.7	4.76	0.92	0.19	646	637
-70	0.11	0.97	4.22	10.6	19.3	28.8	37.3	43.4	45.7	44.9	40.8	33.2	23.8	14.1	6.43	2.10	0.65	0.18	357	338
-80	0.08	0.45	1.47	3.53	6.49	9.79	12.7	14.6	15.0	14.3	12.7	9.97	6.80	3.98	2.04	1.05	0.55	0.18	116	49.0
-90	0.07	0.26	0.55	0.93	1.38	1.85	2.25	2.52	2.61	2.56	2.40	2.15	1.84	1.52	1.20	0.87	0.52	0.18	25.7	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.96	60.9	238	515	832	1143	1407	1593	1679	1668	1561	1354	1073	751	433	172	33.6	3.54	14520	---
Φ a	0.00	43.4	224	501	819	1129	1393	1579	1664	1654	1546	1339	1057	735	416	153	12.1	0.00	---	14264

one-half-peak spread: U:54.9,D:56.0 , L:59.6,R:55.7

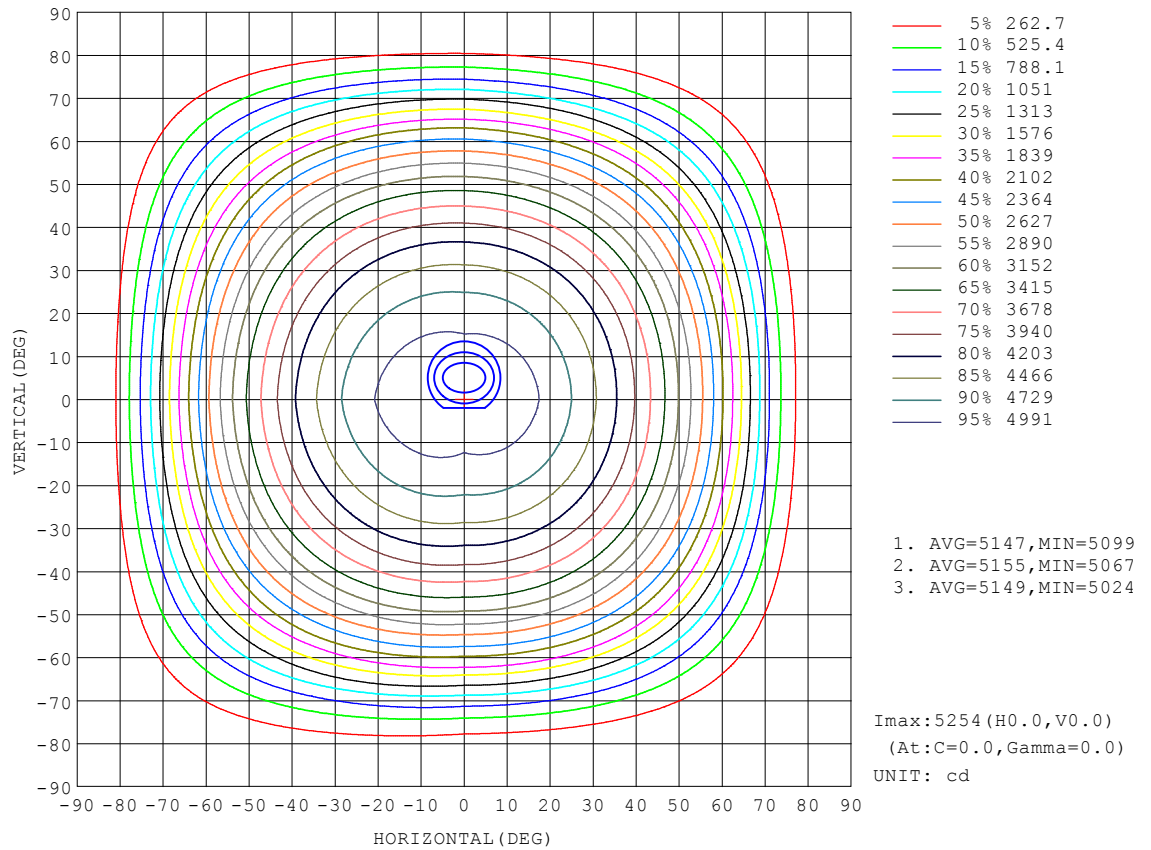
NEMA Beam Type: Type 7

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.63V I:0.6402A P:138.32W PF:0.9883 Freq:50.47Hz Lamp Flux:14871.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

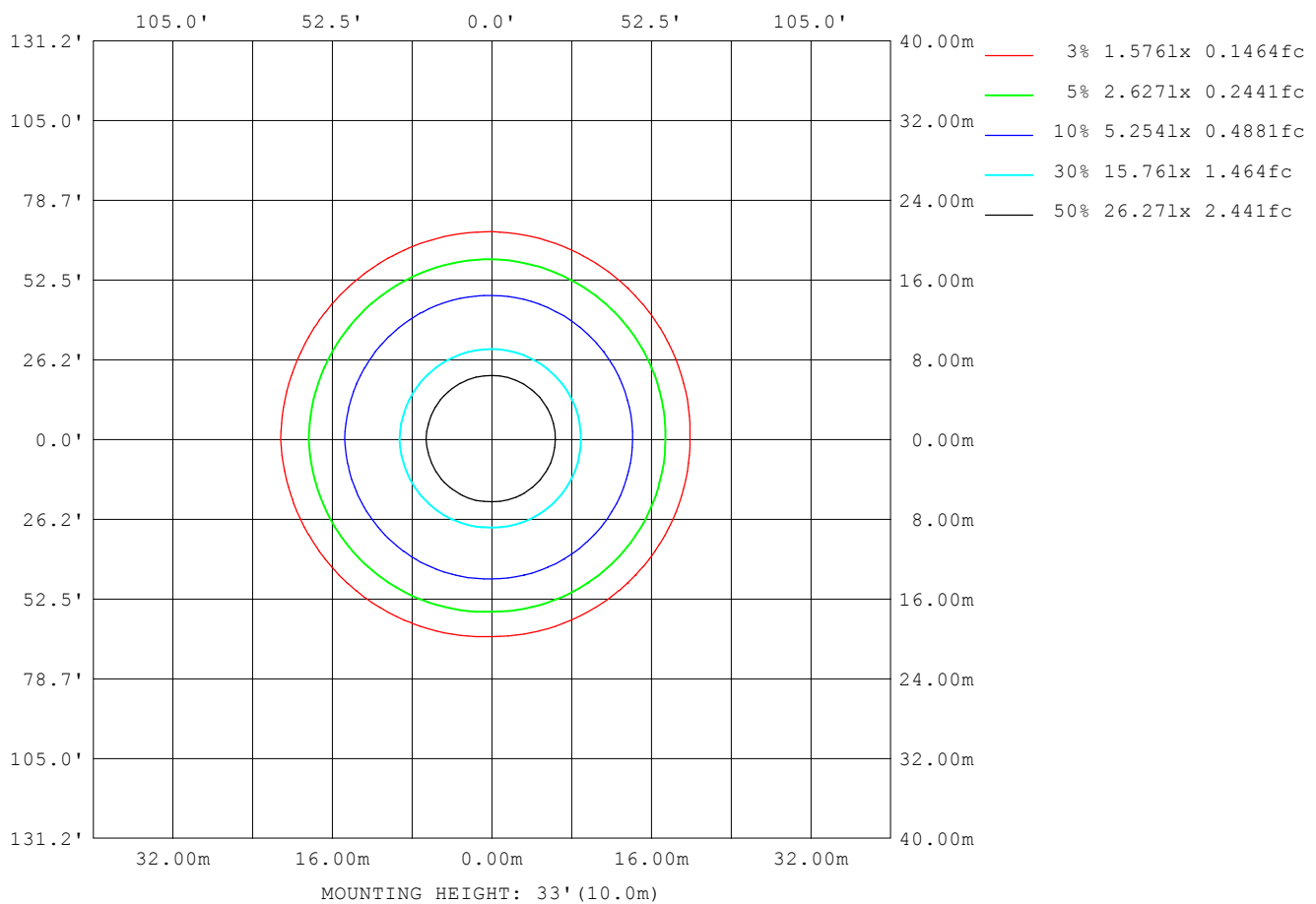


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ISOLUX DIAGRAM

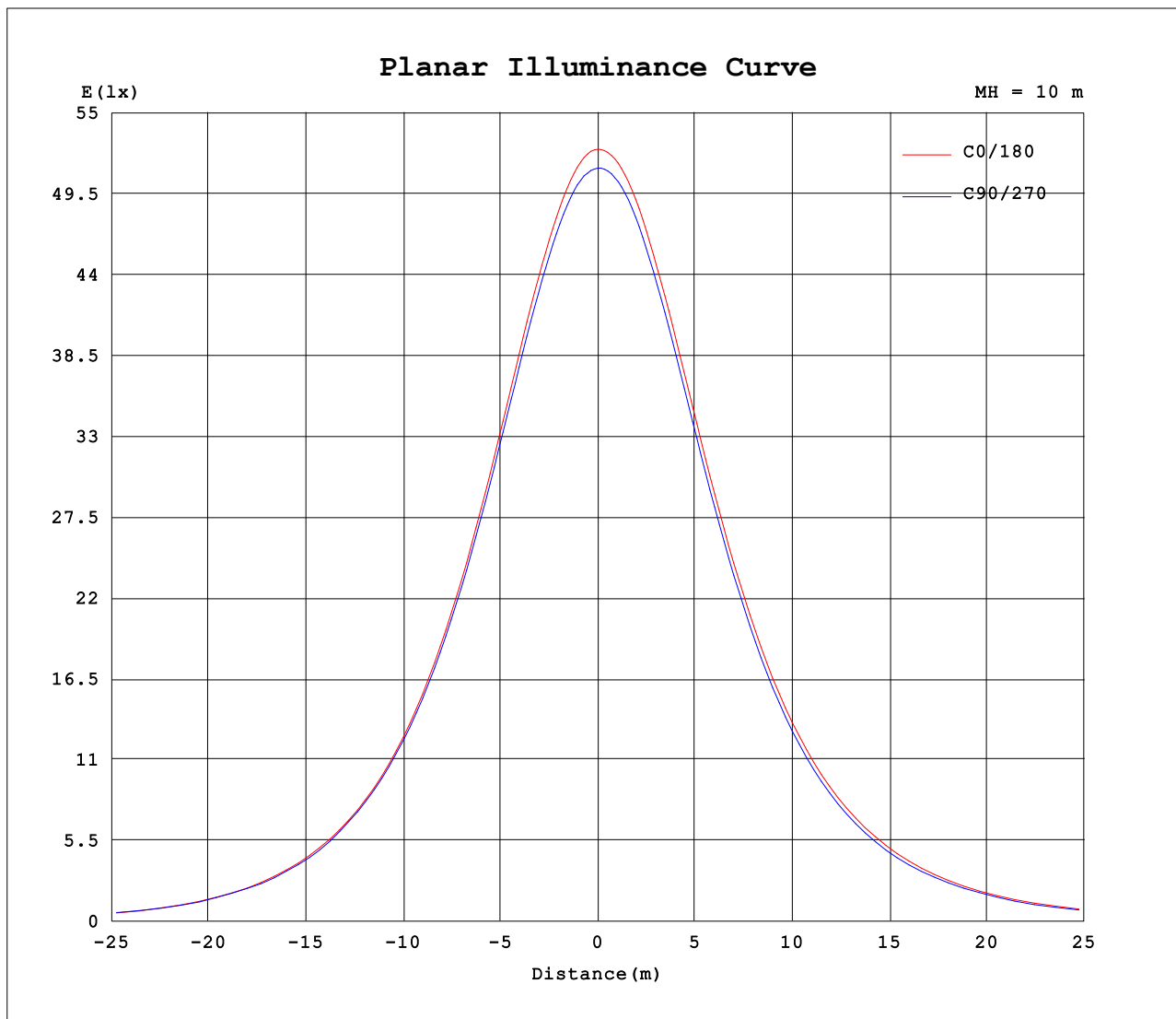
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

Planar Illuminance Curve

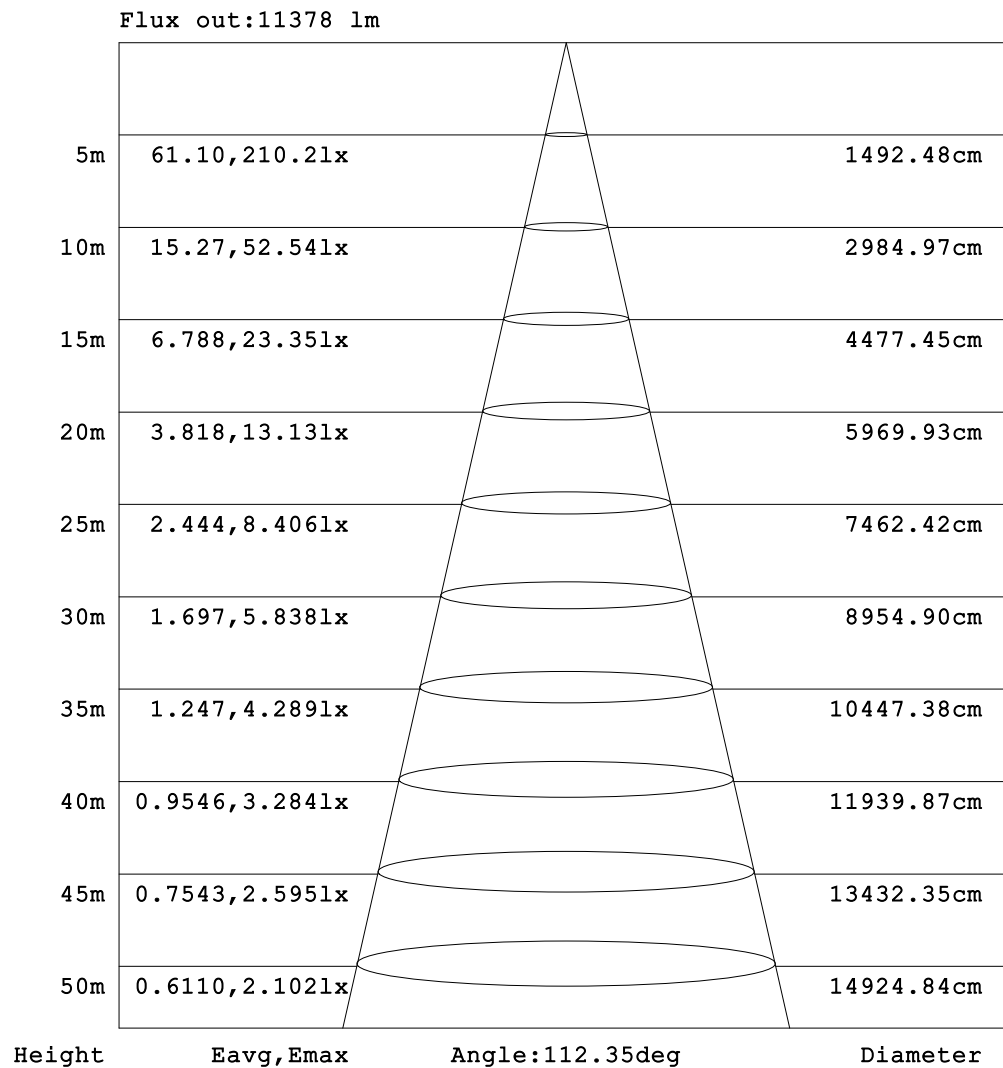


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C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.63V I:0.6402A P:138.32W PF:0.9883 Freq:50.47Hz Lamp Flux:14871.3x1 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:2025-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.63V I:0.6402A P:138.32W PF:0.9883 Freq:50.47Hz Lamp Flux:14871.3x1 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	23.1	21.3	23.7	26.9	30.7	34.5	38.4	42.0	45.6	49.3	53.2	57.3	61.8	66.5	71.4	76.1	80.3	83.8	86.0
-170	23.1	21.7	24.5	28.0	31.9	36.0	40.0	43.8	47.5	51.3	55.3	59.4	63.8	68.3	72.8	77.0	80.7	83.2	85.0
-160	23.1	22.0	25.0	28.8	32.7	36.8	40.9	44.7	48.5	52.2	56.0	59.8	63.7	67.6	71.4	75.0	78.1	80.7	82.8
-150	23.1	22.3	25.3	29.1	33.0	37.0	41.0	44.9	48.5	52.0	55.5	58.9	62.3	65.6	68.8	71.8	74.5	76.9	79.0
-140	23.1	22.4	25.5	29.1	32.8	36.7	40.6	44.3	47.8	51.2	54.4	57.4	60.4	63.3	66.0	68.6	70.9	73.1	75.1
-130	23.1	22.5	25.5	28.9	32.5	36.0	39.6	43.1	46.5	49.7	52.7	55.6	58.3	60.8	63.3	65.6	67.8	69.9	71.8
-120	23.1	22.7	25.5	28.5	31.8	35.1	38.4	41.5	44.6	47.6	50.5	53.3	55.9	58.4	60.8	63.0	65.2	67.3	69.3
-110	23.1	23.2	25.4	28.3	31.1	34.0	37.0	39.9	42.7	45.5	48.2	50.8	53.4	55.9	58.3	60.6	62.8	65.1	67.2
-100	23.1	24.2	25.7	28.0	30.6	33.2	35.9	38.5	41.1	43.6	46.2	48.7	51.2	53.7	56.1	58.5	60.9	63.3	65.7
-90	23.1	25.5	27.8	30.2	32.6	35.0	37.3	39.7	42.1	44.4	46.8	49.2	51.6	53.9	56.3	58.7	61.1	63.4	65.8
-80	23.1	26.9	31.1	38.3	48.4	60.4	72.7	85.6	100	115	134	148	160	169	175	177	175	170	161
-70	23.1	28.8	45.4	74.8	119	191	271	364	455	545	642	722	792	865	904	930	941	936	915
-60	23.1	33.5	72.7	155	292	466	659	860	1073	1261	1452	1605	1741	1881	1996	2054	2084	2090	2070
-50	23.1	40.8	113	284	528	824	1135	1442	1735	2023	2279	2498	2671	2815	2947	3031	3080	3099	3087
-40	23.1	50.1	173	435	792	1189	1590	1973	2355	2676	2950	3193	3389	3552	3675	3767	3825	3848	3837
-30	23.1	59.4	234	577	1019	1503	1973	2434	2826	3170	3461	3710	3922	4096	4233	4329	4390	4415	4404
-20	23.1	66.8	285	697	1221	1755	2281	2756	3165	3516	3821	4085	4308	4486	4627	4731	4793	4816	4800
-10	23.1	71.5	321	789	1350	1917	2477	2961	3373	3737	4052	4326	4550	4740	4887	4987	5051	5068	5037
0	23.1	73.1	336	828	1407	1990	2562	3053	3467	3833	4157	4434	4666	4863	5013	5127	5208	5250	5254
10	23.1	71.2	324	797	1365	1936	2499	2984	3393	3758	4073	4349	4573	4764	4913	5014	5080	5103	5081
20	23.1	66.3	289	713	1248	1792	2322	2799	3206	3559	3867	4131	4357	4536	4682	4788	4857	4884	4878
30	23.1	58.5	238	597	1058	1558	2046	2507	2900	3236	3530	3783	3998	4177	4318	4420	4486	4520	4520
40	23.1	48.9	176	455	834	1251	1671	2085	2463	2781	3062	3296	3498	3666	3798	3897	3963	3996	3999
50	23.1	39.2	113	299	568	888	1224	1557	1869	2178	2440	2656	2841	2995	3113	3203	3264	3295	3297
60	23.1	31.6	69.8	161	316	517	741	973	1207	1437	1635	1811	1994	2140	2244	2328	2383	2411	2415
70	23.1	26.6	41.6	70.5	122	209	311	430	553	675	796	903	1010	1094	1161	1217	1258	1280	1283
80	23.1	24.5	26.6	31.8	40.4	51.3	63.0	82.3	104	128	159	188	213	235	257	274	285	291	292
90	23.1	23.0	22.9	22.7	22.6	22.5	22.4	22.3	22.2	22.0	21.9	21.8	21.7	21.6	21.5	21.4	21.2	21.1	21.0
100	23.1	21.7	20.7	20.3	20.3	20.5	20.6	20.8	20.9	21.2	21.4	21.6	21.9	22.0	22.2	22.3	22.3	22.3	22.2
110	23.1	20.8	20.5	21.0	21.5	22.3	23.2	24.1	25.0	25.8	26.5	27.2	27.9	28.5	28.9	29.3	29.5	29.6	29.6
120	23.1	20.5	21.1	22.0	23.4	24.9	26.3	27.8	29.3	30.7	32.1	33.3	34.4	35.3	36.0	36.6	37.0	37.2	37.2
130	23.1	20.5	21.6	23.3	25.3	27.3	29.5	31.6	33.7	35.7	37.5	39.1	40.5	41.7	42.7	43.5	44.0	44.3	44.3
140	23.1	20.8	22.2	24.5	26.9	29.6	32.4	35.1	37.6	40.0	42.2	44.2	46.0	47.7	49.0	50.2	51.0	51.4	51.4
150	23.1	21.0	22.8	25.6	28.5	31.7	34.9	38.0	40.9	43.6	46.3	48.9	51.3	53.6	55.7	57.5	58.8	59.6	59.7
160	23.1	21.1	23.3	26.4	29.6	33.2	36.8	40.1	43.4	46.5	49.7	52.9	56.2	59.5	62.6	65.3	67.4	68.6	68.7
170	23.1	21.2	23.6	26.8	30.4	34.2	37.9	41.5	45.0	48.5	52.2	56.0	60.1	64.3	68.5	72.3	75.4	77.1	77.0
180	23.1	21.3	23.7	26.9	30.7	34.5	38.4	42.0	45.6	49.3	53.2	57.3	61.8	66.5	71.4	76.1	80.3	83.8	84.3

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Humidity:65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.63V I:0.6402A P:138.32W PF:0.9883 Freq:50.47Hz Lamp Flux:14871.3x1 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	85.4	85.4	84.5	83.0	81.2	79.2	77.2	75.3	73.6	72.1	70.8	69.8	68.8	68.0	67.2	66.5	65.8	66.0	
-170	85.0	84.6	83.6	82.1	80.4	78.6	76.7	74.9	73.3	71.9	70.7	69.6	68.7	67.9	67.2	66.5	65.8	66.0	
-160	82.6	82.0	81.1	79.9	78.5	76.9	75.4	73.9	72.5	71.3	70.2	69.3	68.4	67.7	67.0	66.4	65.7	66.0	
-150	78.8	78.4	77.8	76.9	75.9	74.7	73.6	72.5	71.4	70.5	69.6	68.8	68.1	67.5	66.8	66.3	65.7	66.0	
-140	75.1	74.8	74.4	73.8	73.1	72.4	71.6	70.9	70.2	69.5	68.9	68.2	67.7	67.1	66.6	66.2	65.6	66.0	
-130	71.8	71.6	71.4	71.1	70.8	70.3	69.9	69.4	69.0	68.5	68.0	67.6	67.2	66.7	66.4	66.0	65.5	66.0	
-120	69.3	69.3	69.2	69.0	68.8	68.6	68.3	68.0	67.8	67.5	67.2	66.9	66.6	66.4	66.1	65.8	65.5	66.0	
-110	67.3	67.3	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.5	66.4	66.3	66.1	66.0	65.8	65.6	65.5	66.0	
-100	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.8	65.8	65.7	65.7	65.6	65.5	65.5	65.6	66.0	
-90	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	
-80	158	152	145	135	124	113	103	92.8	83.4	78.5	75.0	72.8	70.6	68.5	67.2	66.6	66.3	66.0	
-70	907	883	842	788	726	630	540	445	353	266	192	134	100	79.1	73.1	68.4	66.6	66.0	
-60	2062	2028	1968	1885	1740	1564	1400	1202	990	776	565	381	230	131	86.0	72.8	67.1	66.0	
-50	3075	3031	2958	2846	2685	2511	2310	2045	1762	1433	1098	772	482	256	122	77.2	67.9	66.0	
-40	3827	3784	3703	3585	3433	3242	3014	2733	2426	2052	1630	1195	782	429	186	88.2	69.5	66.0	
-30	4397	4353	4270	4150	3989	3786	3540	3252	2923	2537	2089	1586	1076	611	268	102	70.9	66.0	
-20	4800	4758	4674	4548	4383	4172	3917	3615	3266	2872	2421	1897	1306	766	344	115	71.9	66.0	
-10	5050	5014	4934	4804	4627	4411	4147	3840	3475	3069	2607	2063	1467	873	392	125	72.6	66.0	
0	5227	5158	5053	4915	4727	4503	4233	3919	3552	3138	2673	2126	1515	912	407	128	72.8	66.0	
10	5085	5043	4961	4830	4651	4434	4169	3861	3496	3089	2629	2085	1486	887	400	128	72.3	66.0	
20	4868	4822	4732	4602	4433	4220	3964	3660	3308	2913	2464	1938	1342	792	360	119	71.4	66.0	
30	4502	4449	4362	4235	4069	3863	3613	3322	2989	2610	2163	1658	1130	650	289	106	70.0	66.0	
40	3976	3921	3833	3708	3548	3350	3117	2845	2531	2160	1742	1276	845	471	206	91.6	68.2	66.0	
50	3271	3215	3129	3012	2865	2682	2467	2206	1917	1567	1213	861	545	297	137	78.0	66.3	66.0	
60	2383	2326	2242	2133	1999	1817	1606	1385	1165	910	677	463	281	155	91.7	69.9	65.2	66.0	
70	1251	1199	1128	1045	954	848	721	599	482	364	258	174	118	82.6	68.8	64.6	64.5	66.0	
80	280	263	242	217	190	166	142	118	95.8	82.6	71.7	63.0	61.5	60.5	60.7	62.1	64.0	66.0	
90	23.5	26.0	28.5	31.0	33.5	36.0	38.5	41.0	43.5	46.0	48.5	51.0	53.5	56.0	58.5	61.0	63.5	66.0	
100	24.7	27.1	29.5	31.9	34.2	36.5	38.8	41.1	43.4	45.7	48.1	50.5	52.9	55.4	57.9	60.5	63.1	66.0	
110	31.8	33.9	36.0	37.9	39.7	41.6	43.4	45.1	46.9	48.7	50.6	52.5	54.4	56.4	58.5	60.7	63.1	66.0	
120	39.2	41.0	42.7	44.3	45.7	47.0	48.3	49.6	50.8	52.1	53.5	54.8	56.3	57.9	59.5	61.3	63.3	66.0	
130	46.2	47.8	49.3	50.5	51.6	52.6	53.4	54.2	54.9	55.7	56.5	57.4	58.4	59.5	60.7	62.1	63.6	66.0	
140	53.3	54.8	56.0	56.9	57.5	58.0	58.4	58.7	59.0	59.3	59.6	60.0	60.6	61.2	62.0	62.9	64.0	66.0	
150	61.5	62.7	63.5	63.8	63.8	63.7	63.5	63.2	63.0	62.8	62.7	62.7	62.7	63.0	63.3	63.8	64.4	66.0	
160	70.5	71.4	71.5	71.1	70.4	69.5	68.6	67.7	66.9	66.2	65.6	65.2	64.9	64.7	64.6	64.7	64.9	66.0	
170	78.9	79.3	78.9	77.8	76.4	74.8	73.3	71.8	70.5	69.3	68.4	67.6	66.9	66.4	66.0	65.7	65.3	66.0	
180	85.4	85.4	84.5	83.0	81.2	79.2	77.2	75.3	73.6	72.1	70.8	69.8	68.8	68.0	67.2	66.5	65.8	66.0	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: