

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	354.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-2.0 degrees horizontal

Beam Spread	At 10% of Imax	129.8V x 143.4H
	At 50% of Imax	117.1V x 98.7H
	At 90% of Imax	78.2V x 48.5H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	952.1 lumens per klm.
	To 50% of Imax	841.0 lumens per klm.
	To 90% of Imax	305.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

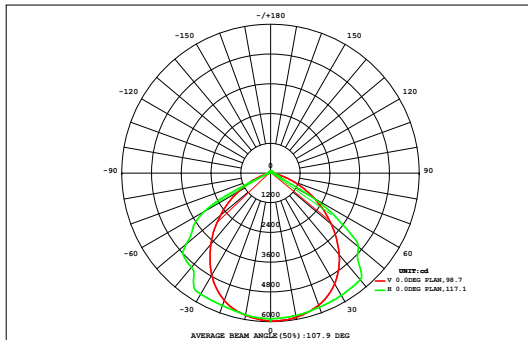
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.47V I:0.4843A P:102.51W PF:0.9689 Freq:49.99Hz Lamp Flux:16809.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:163.98lm/W	
MODEL		Imax (cd)	5965
NOMINAL POWER(W)	100	AVAILABILITY(%)	95.3
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	16021
NOMINAL FLUX(lm)	16809.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	16809
TEST VOLTAGE (V)	220	θ @50% (H,V)	99,117DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.10	0.33	0.62	0.98	1.35	1.67	1.92	2.08	2.13	2.05	1.88	1.62	1.32	1.02	0.81	0.61	0.39	0.14	21.0	0.00
90	0.10	0.33	0.62	0.98	1.35	1.67	1.92	2.08	2.13	2.05	1.88	1.62	1.32	1.02	0.81	0.61	0.39	0.14	21.0	0.00
80	0.12	0.50	1.27	2.36	3.46	4.58	5.74	6.76	6.85	6.46	5.92	4.93	3.77	2.61	1.62	0.89	0.45	0.15	58.4	0.00
70	0.14	0.82	2.51	5.08	12.9	29.4	41.3	46.7	45.3	43.7	41.9	33.9	21.7	8.22	3.34	1.53	0.57	0.15	339	295
60	0.17	1.30	4.52	17.2	49.7	78.3	97.7	110	115	113	105	89.9	68.9	40.1	11.0	2.63	0.76	0.16	906	890
50	0.20	1.91	8.93	35.2	69.4	102	120	137	146	144	132	112	91.0	59.9	27.4	5.12	1.04	0.17	1193	1183
40	0.24	2.62	14.9	44.0	78.2	109	138	153	162	160	148	130	99.4	68.1	36.1	9.81	1.38	0.18	1355	1347
30	0.28	3.37	18.8	48.3	81.3	118	146	162	171	169	157	137	108	71.3	39.8	13.2	1.75	0.19	1446	1440
	0.30	4.04	20.2	49.2	83.8	121	148	166	174	172	161	140	110	73.3	40.3	14.5	2.09	0.20	1479	1474
	0.32	4.46	20.0	47.5	83.0	120	150	170	178	176	165	142	108	71.5	38.4	14.1	2.31	0.21	1492	1487
	0.32	4.43	19.6	47.7	83.4	120	150	169	177	177	166	143	109	72.2	38.7	13.6	2.30	0.21	1494	1489
	0.30	4.00	19.0	49.4	85.7	120	148	165	174	174	164	142	111	75.7	40.9	13.0	2.09	0.20	1489	1483
	0.28	3.37	16.3	47.9	85.1	119	145	162	172	171	160	139	110	76.1	39.7	10.7	1.77	0.19	1460	1453
-30	0.24	2.65	11.7	42.0	79.8	116	141	158	169	168	155	135	108	71.4	33.2	7.11	1.41	0.18	1401	1392
-40	0.20	1.93	7.32	27.3	67.7	104	128	143	153	151	139	122	95.9	57.9	18.4	4.44	1.07	0.17	1222	1208
-50	0.17	1.32	4.58	10.7	35.0	69.4	87.3	100	105	104	95.9	79.9	57.4	23.5	6.92	2.76	0.80	0.17	785	759
-60	0.14	0.84	2.59	5.21	7.71	15.5	25.2	28.3	24.3	22.4	23.0	18.4	10.5	6.08	3.60	1.63	0.61	0.16	196	120
-70	0.12	0.53	1.33	2.49	3.70	4.91	6.02	6.80	7.10	6.96	6.39	5.41	4.19	2.94	1.82	1.01	0.50	0.16	62.4	0.00
-80	0.11	0.39	0.75	1.19	1.65	1.98	2.21	2.33	2.33	2.28	2.20	2.02	1.77	1.48	1.13	0.79	0.47	0.15	25.2	0.00
-90	0.11	0.39	0.75	1.19	1.65	1.98	2.21	2.33	2.33	2.28	2.20	2.02	1.77	1.48	1.13	0.79	0.47	0.15	25.2	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.76	38.8	175	484	913	1355	1682	1889	1984	1964	1828	1578	1220	783	383	117	21.8	3.14	16424	---
Φ a	0.00	11.6	148	458	890	1334	1659	1866	1957	1936	1803	1555	1198	761	359	85.4	0.00	0.00	---	16021

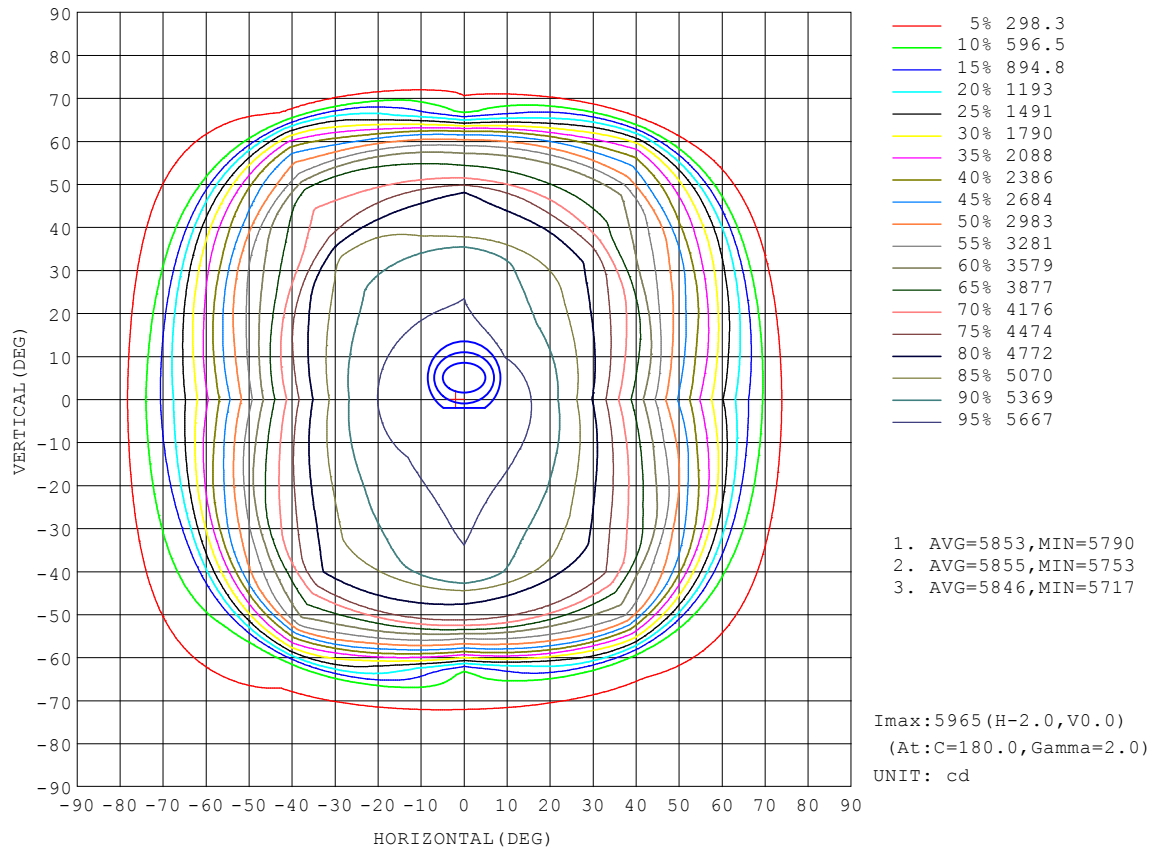
one-half-peak spread: U:56.9,D:60.4 , L:50.0,R:49.0 IEMA Beam Type: Type 7 x 6 (H x V)

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:218.47V I:0.4843A P:102.51W PF:0.9689 Freq:49.99Hz Lamp Flux:16809.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

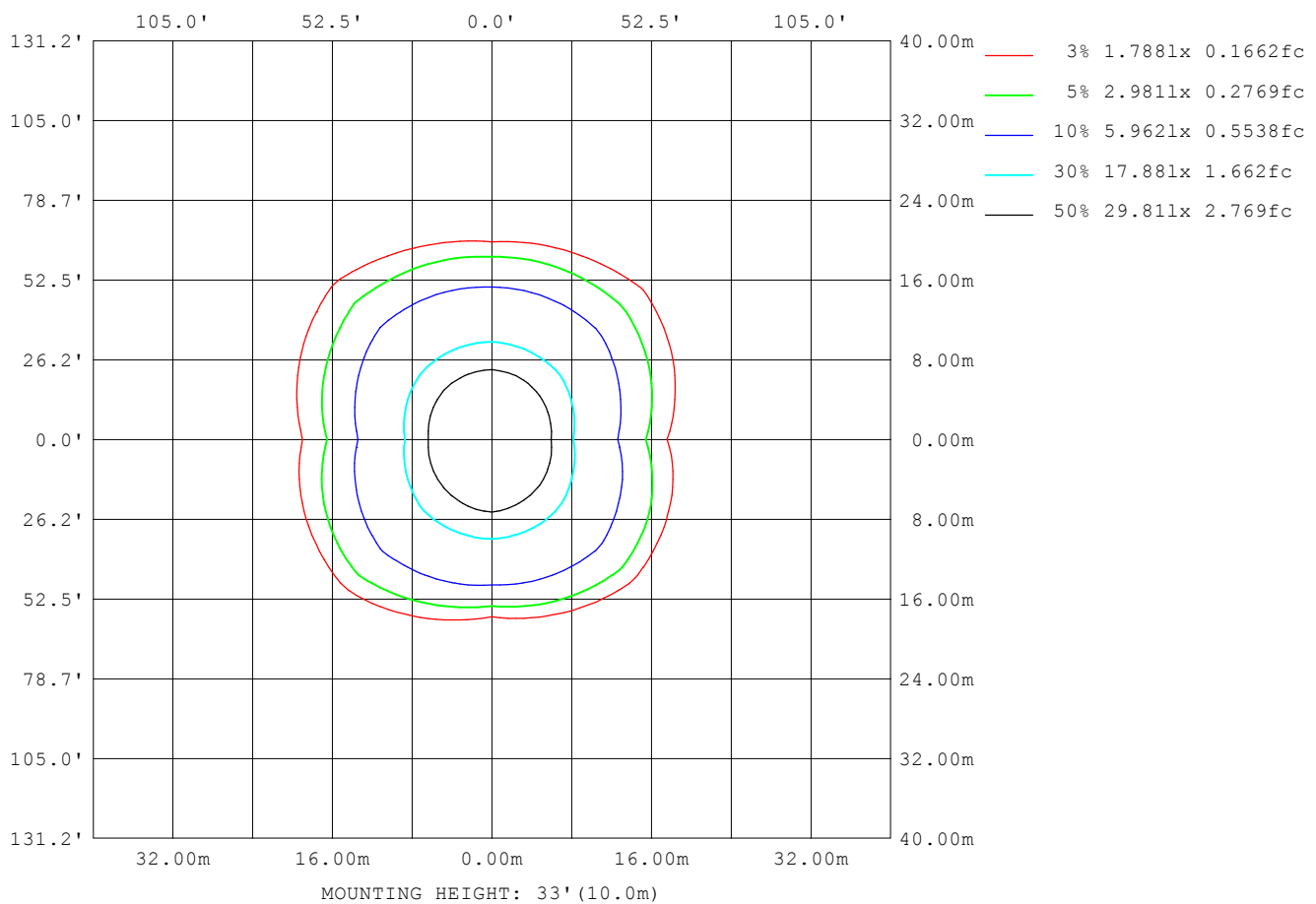


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Remarks:

ISOLUX DIAGRAM

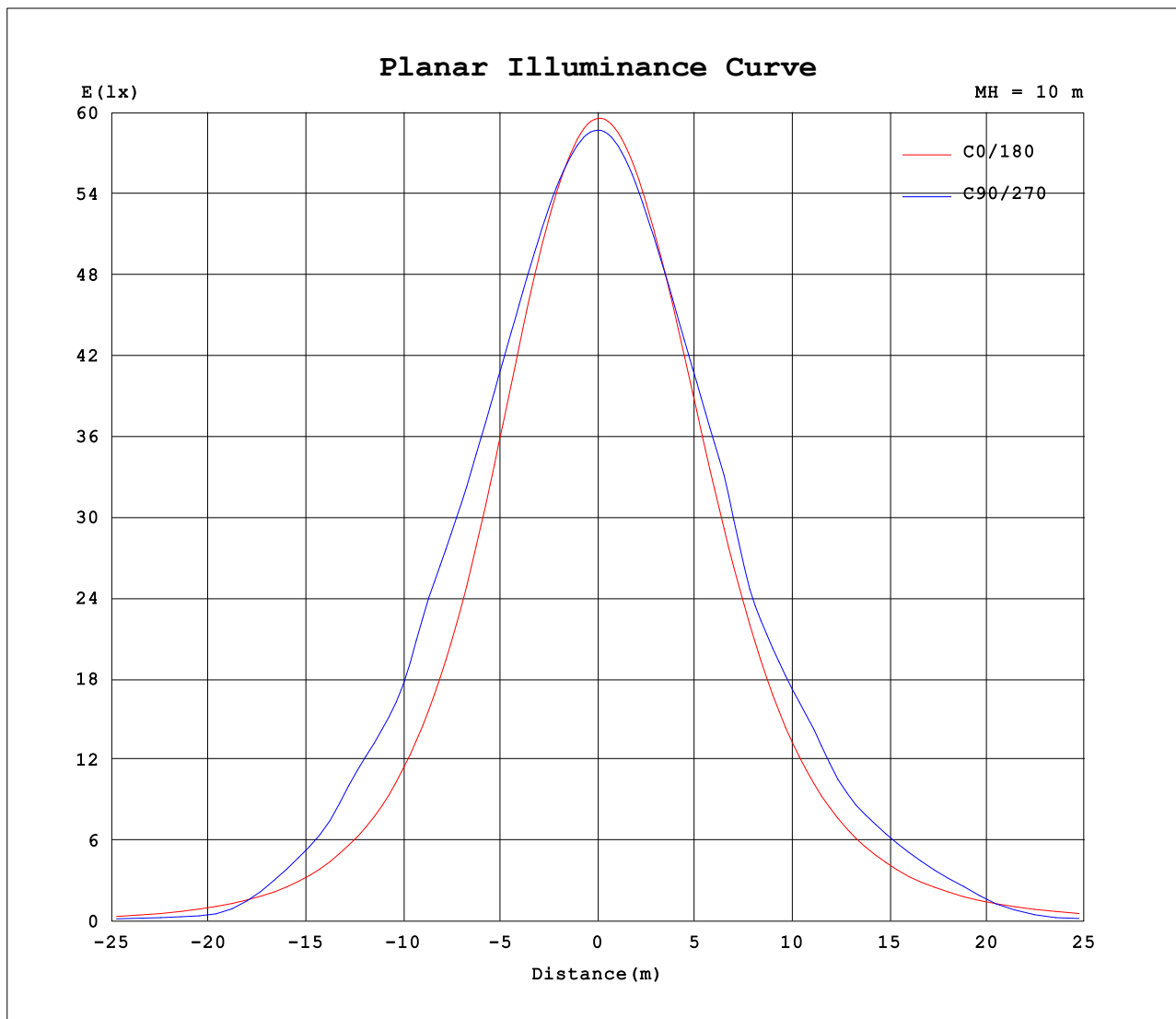
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 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

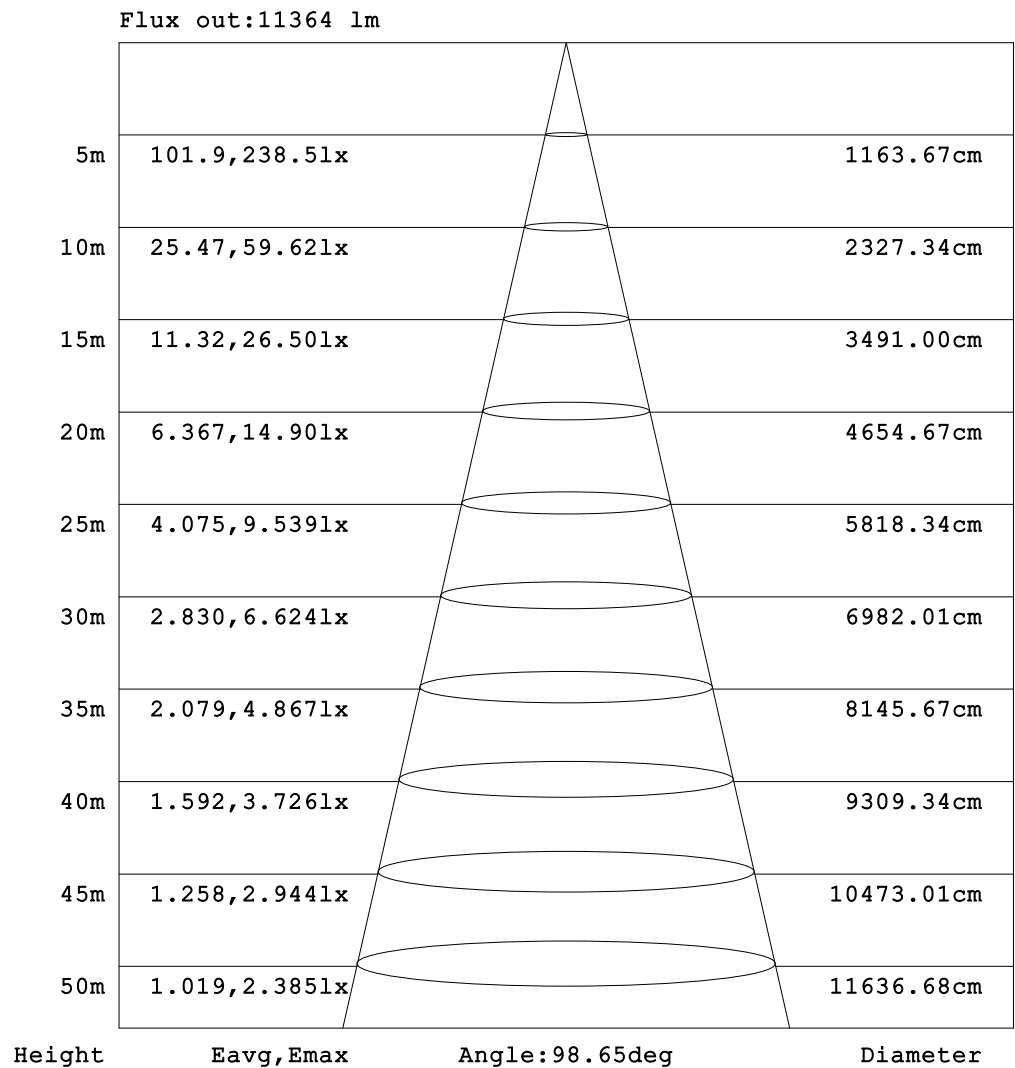


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.47V I:0.4843A P:102.51W PF:0.9689 Freq:49.99Hz Lamp Flux:16809.3x1 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: 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:218.47V I:0.4843A P:102.51W PF:0.9689 Freq:49.99Hz Lamp Flux:16809.3x1 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	35.5	33.2	35.4	39.1	43.9	49.1	54.5	59.8	65.1	70.1	75.0	79.4	83.3	87.2	90.5	93.5	96.0	97.8	98.9
-170	35.5	33.6	36.1	39.7	44.3	49.3	54.4	59.6	64.6	69.4	73.9	78.1	81.8	85.4	88.4	90.8	92.3	93.2	93.3
-160	35.5	34.0	36.5	40.0	44.3	48.8	53.4	58.2	62.8	67.2	71.2	75.0	78.3	81.4	84.1	86.3	88.0	89.1	89.5
-150	35.5	34.3	36.8	40.0	43.8	47.8	51.6	55.8	60.0	63.8	67.4	70.6	73.4	75.7	77.6	79.3	80.9	82.0	82.4
-140	35.5	34.6	37.1	39.9	43.1	46.5	49.8	52.8	56.2	59.6	62.7	65.4	67.6	69.2	70.2	70.9	71.3	71.4	71.0
-130	35.5	34.9	37.4	39.9	42.5	45.3	48.0	50.5	52.7	54.9	57.3	59.7	61.7	63.4	64.5	65.3	65.7	65.9	65.8
-120	35.5	35.2	37.6	40.0	42.3	44.6	46.8	48.9	50.8	52.5	53.7	54.4	55.3	56.3	57.6	58.7	59.8	60.6	61.1
-110	35.5	35.7	38.0	40.4	42.7	44.8	46.7	48.5	50.2	51.8	52.4	52.5	52.6	52.8	53.0	53.1	53.3	53.4	53.5
-100	35.5	36.7	38.8	41.2	43.7	46.1	48.4	50.5	52.6	54.5	54.2	53.7	53.4	53.1	52.9	52.7	52.5	52.4	52.3
-90	35.5	38.4	41.4	44.3	47.3	50.2	53.2	56.1	59.1	62.0	61.4	60.8	60.2	59.6	58.9	58.3	57.7	57.1	56.5
-80	35.5	41.3	47.9	54.9	62.7	71.6	81.2	91.5	101	110	115	119	124	127	130	131	131	130	127
-70	35.5	45.2	58.8	79.6	109	141	175	206	232	247	263	284	303	319	333	342	348	348	345
-60	35.5	49.7	76.9	126	189	263	341	407	449	515	1050	1624	1843	1943	2044	2098	2069	1978	1801
-50	35.5	54.7	104	188	305	447	580	850	1752	2576	3406	3705	3850	4052	4317	4514	4602	4625	4620
-40	35.5	60.5	134	262	451	667	1140	2030	2933	3465	4034	4619	4827	4915	5056	5253	5424	5528	5617
-30	35.5	66.5	164	345	612	963	1807	2666	3255	3910	4374	4721	5007	5215	5353	5466	5558	5636	5702
-20	35.5	71.5	191	419	761	1325	2125	2785	3442	3995	4433	4810	5104	5317	5458	5566	5653	5713	5757
-10	35.5	74.5	209	480	882	1473	2171	2788	3408	3945	4435	4854	5181	5421	5590	5695	5746	5800	5832
0	35.5	75.4	218	511	956	1468	2032	2619	3192	3764	4306	4783	5164	5462	5671	5812	5909	5958	5962
10	35.5	74.3	209	479	940	1549	2167	2793	3329	3889	4450	4870	5194	5437	5609	5721	5794	5822	5808
20	35.5	71.1	190	417	812	1511	2143	2823	3343	3815	4398	4841	5138	5346	5491	5581	5644	5678	5690
30	35.5	66.0	163	342	615	1304	2022	2655	3293	3707	4079	4600	5059	5239	5331	5462	5540	5596	5641
40	35.5	59.7	132	259	445	804	1634	2322	2911	3558	3929	4224	4424	4696	4921	5021	5026	5004	4970
50	35.5	53.6	102	185	300	438	753	1590	2311	2845	3373	3854	4013	4074	4124	4204	4293	4385	4431
60	35.5	48.1	75.1	123	185	257	330	399	710	1482	2121	2369	2522	2685	2867	2991	3068	3093	3059
70	35.5	43.1	56.0	76.6	105	137	168	198	219	230	244	267	307	372	469	513	495	419	313
80	35.5	38.8	43.5	49.5	57.0	65.7	75.0	84.8	93.6	101	108	114	119	123	126	128	128	128	126
90	35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.3	36.4	36.5	36.0	35.5	35.0	34.5	34.0	33.6	33.1	32.6	32.1
100	35.5	33.7	32.8	32.3	32.2	32.3	32.5	32.8	33.1	33.4	33.8	34.3	34.7	35.1	35.5	35.8	36.1	36.3	36.5
110	35.5	32.9	32.5	32.9	33.5	34.3	35.3	36.3	37.3	38.3	39.3	40.4	41.4	42.3	43.1	43.7	44.3	44.7	45.0
120	35.5	32.6	33.0	34.0	35.3	36.9	38.7	40.5	42.2	44.0	46.0	48.3	50.6	52.8	54.7	56.3	57.6	58.5	59.2
130	35.5	32.6	33.6	35.2	37.3	39.7	42.4	45.2	48.4	51.8	55.0	57.9	60.7	63.3	65.3	66.9	68.1	69.0	69.6
140	35.5	32.8	34.1	36.4	39.3	42.6	46.3	50.4	54.6	58.4	62.0	65.3	68.2	70.8	72.9	74.3	75.3	75.7	75.8
150	35.5	32.9	34.7	37.5	41.1	45.2	49.9	54.7	59.3	63.6	67.6	71.4	75.0	78.3	80.8	82.5	83.8	84.4	84.2
160	35.5	33.0	35.1	38.4	42.6	47.4	52.6	57.7	62.6	67.3	71.8	76.2	80.6	84.7	88.1	90.0	91.1	91.5	91.4
170	35.5	33.1	35.4	38.9	43.5	48.7	54.1	59.4	64.6	69.6	74.4	79.0	83.4	87.3	90.4	92.8	94.3	94.6	94.3
180	35.5	33.2	35.4	39.1	43.9	49.1	54.5	59.8	65.1	70.1	75.0	79.4	83.3	87.2	90.5	93.5	96.0	97.8	98.1

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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.47V I:0.4843A P:102.51W PF:0.9689 Freq:49.99Hz Lamp Flux:16809.3x1 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	97.9	96.8	94.7	91.9	88.6	84.9	79.3	73.5	68.3	64.6	61.9	59.1	56.3	53.9	52.1	51.8	53.4	56.5	
-170	93.4	92.4	91.0	88.7	85.8	82.3	77.4	72.4	67.8	64.4	61.8	59.0	56.3	53.9	52.1	51.9	53.5	56.5	
-160	89.0	87.7	85.7	83.2	80.7	77.4	73.6	69.7	66.3	63.5	61.0	58.4	55.9	53.6	52.1	52.1	53.7	56.5	
-150	81.8	80.4	78.6	76.6	74.4	72.0	69.3	66.5	64.1	62.0	59.7	57.3	55.1	53.2	52.0	52.3	53.9	56.5	
-140	71.1	70.8	70.2	69.4	68.3	66.9	65.2	63.5	61.7	59.9	57.8	55.9	54.1	52.7	52.1	52.7	54.2	56.5	
-130	65.8	65.6	65.2	64.7	63.9	62.8	61.7	60.4	58.8	57.3	55.8	54.3	53.2	52.4	52.5	53.2	54.6	56.5	
-120	60.9	60.5	59.9	59.2	58.5	58.0	57.4	56.9	55.9	54.8	53.9	53.1	52.7	52.7	53.2	54.0	55.1	56.5	
-110	53.7	53.9	54.0	54.1	54.1	54.1	54.0	54.0	53.8	53.5	53.3	53.3	53.5	53.8	54.3	54.9	55.6	56.5	
-100	52.5	52.7	53.0	53.2	53.5	53.8	54.2	54.7	55.1	55.2	55.2	55.3	55.5	55.7	55.9	56.1	56.3	56.5	
-90	57.0	57.5	58.0	58.5	59.0	59.5	60.0	60.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	57.5	57.0	56.5	
-80	126	124	121	116	111	105	99.2	93.1	86.8	80.0	73.9	68.9	65.5	62.8	60.7	59.1	57.7	56.5	
-70	342	335	324	310	293	273	250	223	198	172	143	117	94.5	77.7	66.9	61.4	58.4	56.5	
-60	1923	1946	1880	1724	1569	1395	964	515	388	334	278	216	159	113	82.3	65.5	59.3	56.5	
-50	4583	4517	4374	4122	3815	3594	3420	2923	2000	1095	513	375	262	172	107	73.0	60.2	56.5	
-40	5488	5343	5129	4885	4699	4570	4299	3657	3109	2439	1509	657	406	246	140	82.2	61.3	56.5	
-30	5608	5498	5364	5202	5010	4738	4397	4007	3496	2826	2183	1293	595	338	179	92.0	62.5	56.5	
-20	5703	5626	5514	5351	5116	4809	4447	4025	3551	2987	2335	1599	831	431	212	101	63.5	56.5	
-10	5806	5739	5635	5459	5198	4850	4427	3964	3450	2911	2270	1661	994	508	238	107	64.0	56.5	
0	5918	5825	5687	5472	5157	4750	4269	3756	3220	2644	2067	1512	1003	547	248	108	64.1	56.5	
10	5748	5654	5557	5390	5142	4807	4398	3941	3384	2810	2257	1664	1097	529	236	106	63.7	56.5	
20	5619	5525	5398	5235	5024	4743	4394	3962	3330	2857	2328	1680	1078	438	210	99.8	62.8	56.5	
30	5535	5415	5268	5063	4895	4658	4234	3643	3240	2798	2173	1565	861	332	176	90.4	61.4	56.5	
40	4939	4896	4831	4712	4442	4073	3797	3476	3094	2451	1878	1190	427	239	136	80.1	59.7	56.5	
50	4326	4173	4022	3880	3770	3649	3438	2940	2450	1863	1118	398	251	166	103	70.4	58.2	56.5	
60	3037	2959	2833	2675	2444	2195	1984	1671	971	370	259	203	151	107	78.1	62.0	56.8	56.5	
70	353	372	356	314	272	247	224	200	177	156	131	107	86.9	71.5	61.3	56.5	55.5	56.5	
80	124	120	116	111	104	97.1	88.9	80.7	72.5	66.8	61.6	57.1	54.1	52.5	52.2	53.0	54.6	56.5	
90	32.1	32.1	32.2	32.2	32.2	32.2	32.3	32.3	32.3	35.0	37.7	40.4	43.0	45.7	48.4	51.1	53.8	56.5	
100	36.5	36.5	36.5	36.3	36.1	35.9	35.6	35.3	35.1	36.7	38.4	40.3	42.5	44.8	47.3	50.1	53.2	56.5	
110	45.3	45.4	45.4	45.2	44.8	44.2	43.4	42.3	41.5	41.5	41.8	42.5	43.6	45.1	47.2	49.7	52.8	56.5	
120	58.8	58.0	57.1	56.0	54.7	53.3	52.0	50.7	49.4	48.1	46.8	45.8	45.6	46.1	47.4	49.6	52.6	56.5	
130	68.7	67.6	66.2	64.6	62.8	60.8	58.7	56.9	55.3	53.5	51.7	49.9	48.3	47.5	48.0	49.6	52.5	56.5	
140	75.0	73.9	72.4	70.5	68.3	65.9	63.6	61.7	59.6	57.6	55.4	53.1	51.0	49.3	48.8	49.9	52.5	56.5	
150	83.2	81.5	79.4	76.9	74.0	71.1	68.3	65.6	63.1	60.6	58.2	55.6	53.2	51.0	49.7	50.3	52.6	56.5	
160	90.0	88.2	85.7	83.2	80.8	77.2	73.1	69.1	65.7	62.8	60.2	57.4	54.7	52.3	50.6	50.7	52.8	56.5	
170	92.7	90.6	90.1	88.3	85.8	82.3	77.3	72.1	67.6	64.1	61.4	58.6	55.8	53.3	51.4	51.2	53.0	56.5	
180	97.9	96.8	94.7	91.9	88.6	84.9	79.3	73.5	68.3	64.6	61.9	59.1	56.3	53.9	52.1	51.8	53.4	56.5	

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: