

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	451.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-4.0 degrees horizontal

Beam Spread	At 10% of Imax	96.2V x 148.6H
	At 50% of Imax	85.3V x 119.7H
	At 90% of Imax	65.8V x 60.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	934.7 lumens per klm.
	To 50% of Imax	848.7 lumens per klm.
	To 90% of Imax	467.0 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

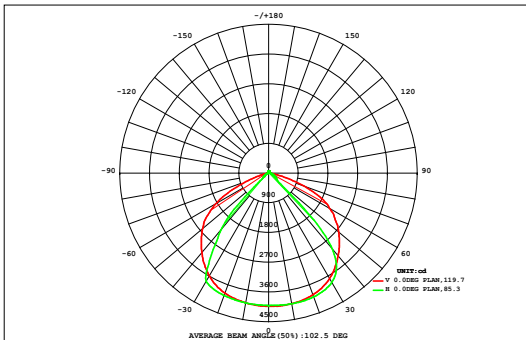
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.55V I:0.2378A P:50.509W PF:0.9718 Freq:49.99Hz Lamp Flux:8949.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:177.20lm/W	
MODEL		Imax (cd)	4037
NOMINAL POWER (W)	50	AVAILABILITY (%)	93.9
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	8401
NOMINAL FLUX (lm)	8949.93	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	8950
TEST VOLTAGE (V)	220	θ @50% (H,V)	120,85DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.05	0.15	0.24	0.32	0.38	0.44	0.49	0.52	0.53	0.53	0.52	0.49	0.44	0.39	0.37	0.32	0.22	0.08	6.48	0.00
90	0.05	0.15	0.24	0.32	0.38	0.44	0.49	0.52	0.53	0.53	0.52	0.49	0.44	0.39	0.37	0.32	0.22	0.08	6.48	0.00
80	0.05	0.20	0.50	0.85	0.85	0.97	1.19	1.33	1.36	1.34	1.28	1.12	0.90	0.69	0.56	0.39	0.24	0.09	13.9	0.00
70	0.06	0.39	1.41	2.74	2.46	2.18	2.71	3.07	3.19	3.17	3.01	2.61	2.05	1.82	1.45	0.66	0.29	0.09	33.4	0.00
60	0.08	0.78	3.36	6.71	6.33	3.75	4.69	5.59	5.97	6.06	5.70	4.62	3.64	4.94	4.09	1.56	0.38	0.09	68.3	5.29
50	0.10	1.41	6.38	12.5	12.6	9.31	24.1	36.5	37.1	37.9	38.4	25.8	9.68	11.0	8.95	3.42	0.59	0.10	276	251
40	0.13	2.23	10.1	18.9	22.6	45.5	75.7	90.4	93.9	93.8	90.9	79.3	47.7	21.4	15.5	6.16	0.94	0.10	715	711
30	0.16	3.12	14.1	25.7	41.4	74.7	101	112	117	117	111	99.4	76.2	40.6	22.5	9.44	1.39	0.11	966	963
20	0.18	3.95	17.7	33.0	56.1	85.4	104	115	120	120	114	103	84.0	54.9	29.9	12.7	1.84	0.12	1056	1053
10	0.20	4.57	20.8	40.2	63.4	87.4	105	117	121	121	115	103	84.9	60.9	36.8	15.3	2.18	0.12	1100	1097
0	0.20	4.58	20.8	40.5	64.7	87.5	106	117	122	121	116	104	85.0	61.6	36.9	15.4	2.19	0.12	1105	1102
-10	0.19	3.98	17.8	33.7	60.6	86.4	105	116	121	121	115	104	84.3	57.1	30.3	12.8	1.87	0.12	1071	1069
-20	0.16	3.16	14.3	26.3	48.0	81.0	101	113	119	118	113	101	78.7	43.7	23.0	9.62	1.43	0.11	994	991
-30	0.13	2.29	10.4	19.5	26.2	60.0	87.1	101	107	107	100.0	85.4	54.9	23.1	16.0	6.37	0.99	0.11	806	802
-40	0.10	1.47	6.64	13.1	13.8	15.1	37.2	50.5	51.1	50.4	47.9	32.5	12.4	12.1	9.54	3.64	0.64	0.10	358	341
-50	0.08	0.84	3.61	7.32	7.50	5.49	6.92	8.89	9.21	8.75	8.20	6.64	5.24	6.00	4.62	1.77	0.42	0.10	91.6	14.8
-60	0.07	0.45	1.61	3.24	3.42	3.51	4.32	4.89	5.12	5.08	4.77	4.13	3.26	2.65	1.87	0.82	0.33	0.09	49.6	0.00
-70	0.06	0.25	0.65	1.19	1.47	1.80	2.16	2.39	2.44	2.40	2.28	2.00	1.61	1.21	0.83	0.51	0.28	0.09	23.6	0.00
-80	0.05	0.18	0.34	0.52	0.71	0.84	0.93	0.99	0.99	0.98	0.95	0.88	0.77	0.65	0.53	0.40	0.25	0.09	11.0	0.00
-90	0.05	0.18	0.34	0.52	0.71	0.84	0.93	0.99	0.99	0.98	0.95	0.88	0.77	0.65	0.53	0.40	0.25	0.09	11.0	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.05	34.0	151	286	433	651	870	995	1038	1035	988	859	636	405	244	101	16.5	1.83	8745	---
Φ a	0.00	19.9	138	272	413	625	843	969	1010	1007	962	833	609	385	228	85.8	3.00	0.00	---	8401

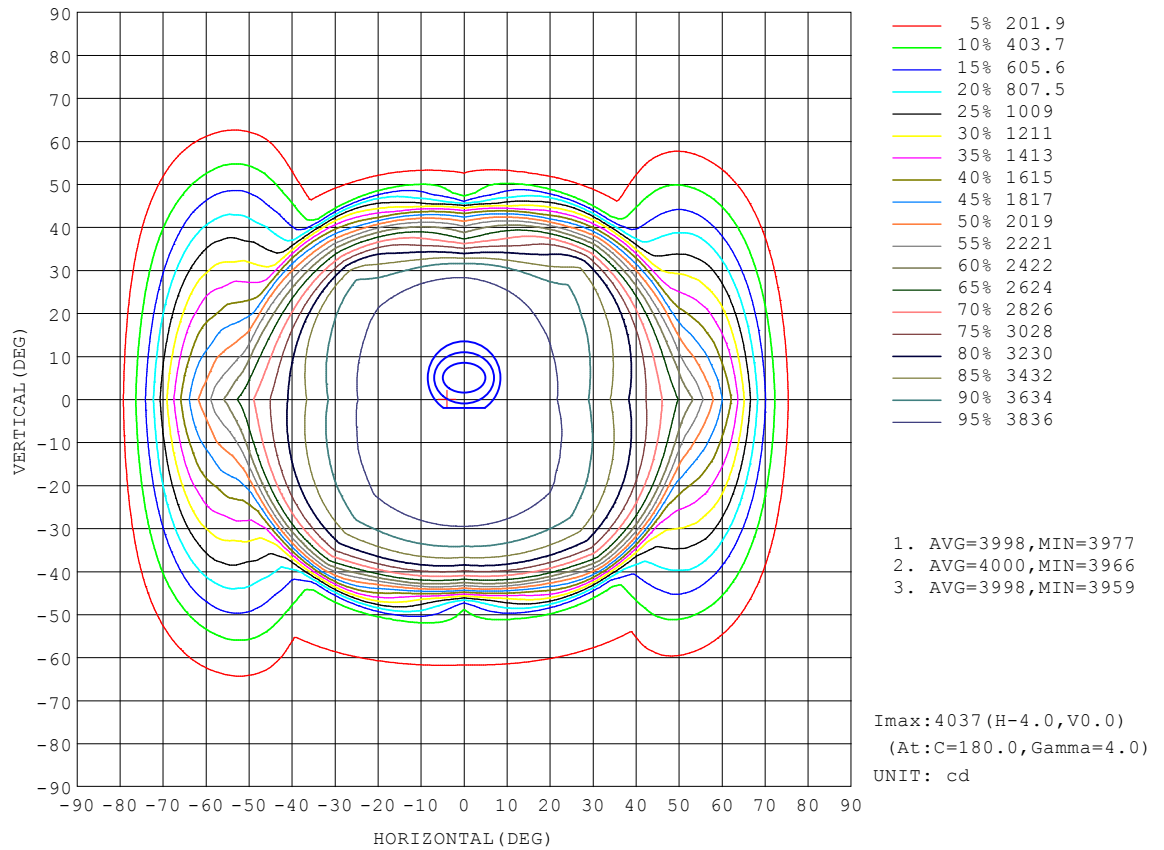
one-half-peak spread: U:28.0,D:29.5 , L:55.1,R:55.1 Beam Type: Type 7 x 5 (H x V)

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:0.2378A P:50.509W PF:0.9718 Freq:49.99Hz Lamp Flux:8949.93x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

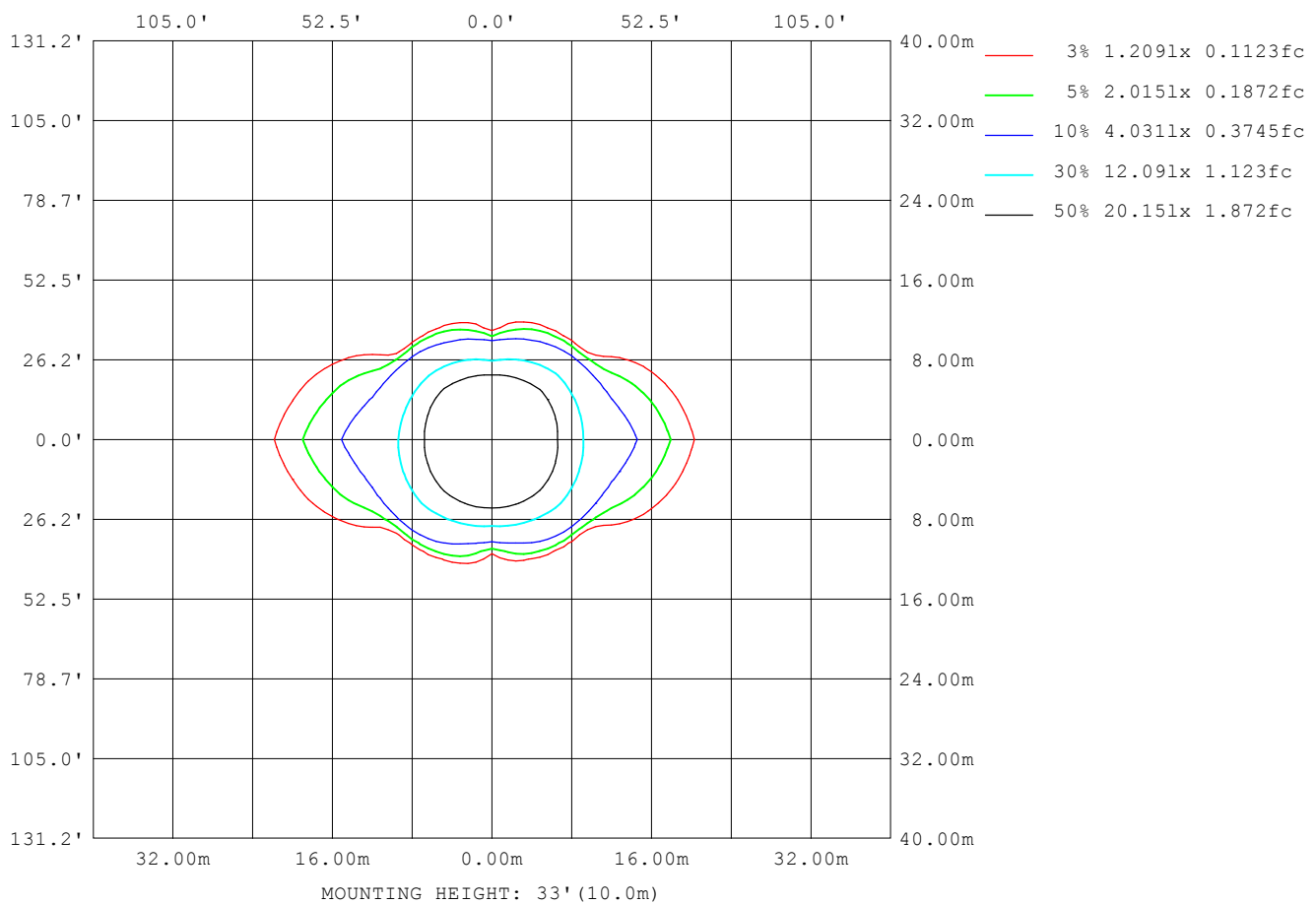


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Remarks:

ISOLUX DIAGRAM

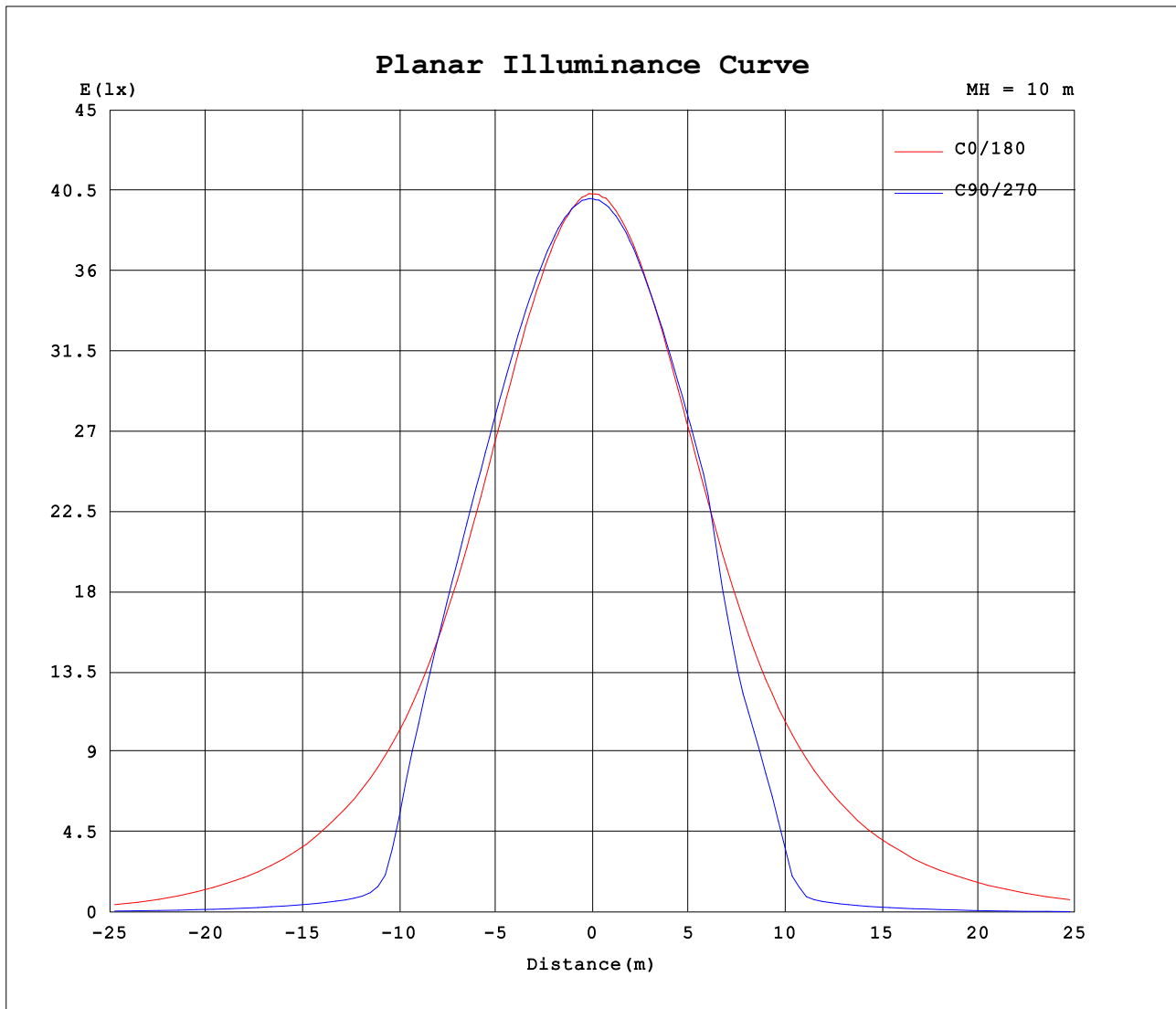
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Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
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Test Distance: 9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

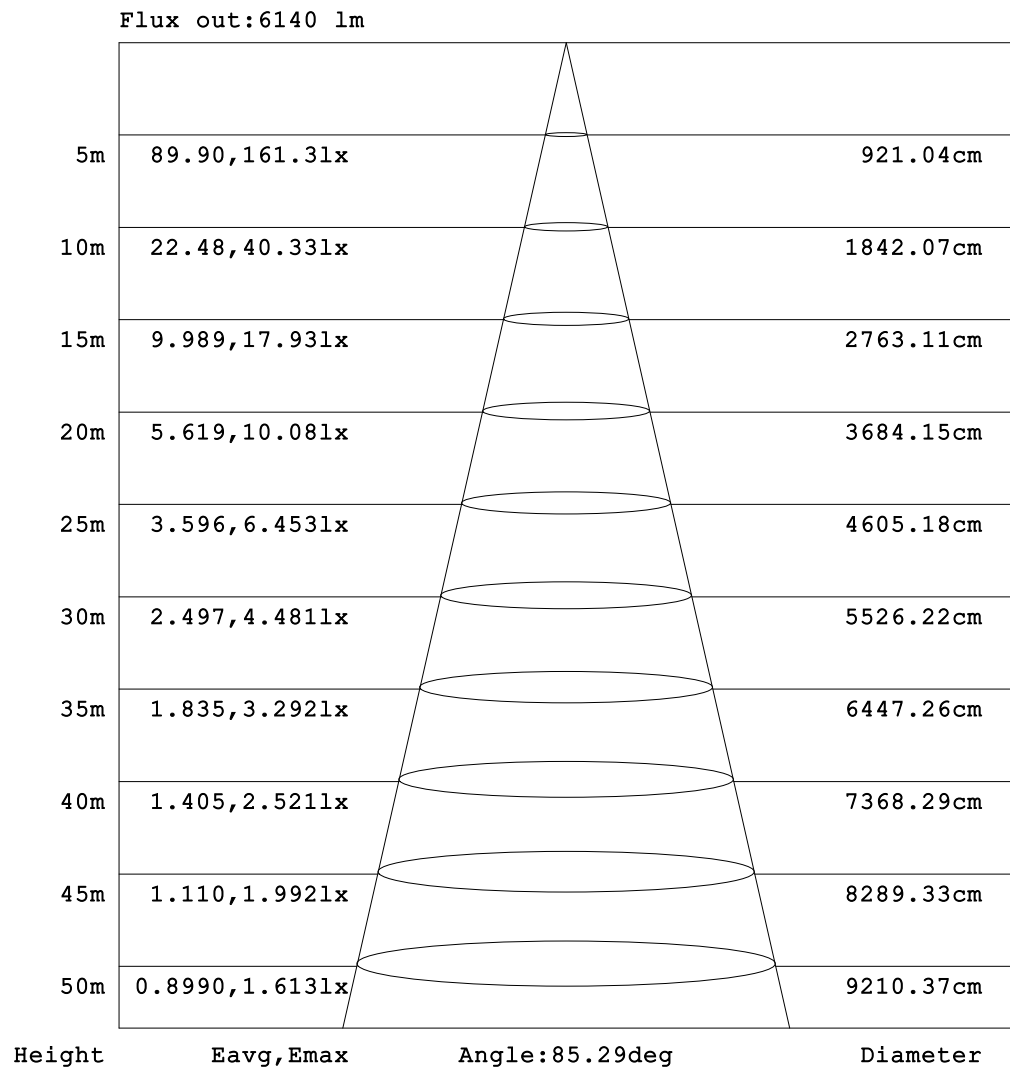


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:0.2378A P:50.509W PF:0.9718 Freq:49.99Hz Lamp Flux:8949.93x1 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:0.2378A P:50.509W PF:0.9718 Freq:49.99Hz Lamp Flux:8949.93x1 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	18.5	18.3	19.9	22.3	25.3	28.4	31.8	35.3	38.7	42.0	45.3	48.6	51.9	55.3	58.0	60.2	61.6	62.6	63.1
-170	18.5	18.3	19.9	22.2	24.9	27.7	30.7	33.8	36.7	39.4	42.2	44.9	47.8	50.5	52.7	54.2	55.0	56.6	57.4
-160	18.5	18.4	19.8	21.8	24.2	26.6	29.1	31.6	34.1	36.2	38.1	40.2	42.1	44.0	45.6	47.9	49.8	51.1	51.5
-150	18.5	18.4	19.6	21.3	23.3	25.2	27.2	29.1	30.9	32.6	33.9	34.9	36.0	37.3	39.4	41.5	43.2	44.5	45.1
-140	18.5	18.5	19.4	20.8	22.3	23.8	25.2	26.6	27.8	28.9	29.7	30.4	31.2	32.4	33.6	34.6	35.5	36.0	36.2
-130	18.5	18.5	19.3	20.2	21.3	22.4	23.4	24.3	25.0	25.6	26.0	26.6	27.4	28.2	28.9	29.4	29.9	30.1	30.1
-120	18.5	18.6	19.2	19.8	20.5	21.2	21.9	22.5	22.9	23.1	23.2	23.4	23.6	23.9	24.2	24.5	24.7	24.7	24.6
-110	18.5	18.8	19.2	19.7	20.2	20.6	21.0	21.3	21.5	21.7	21.6	21.3	21.0	20.8	20.5	20.2	20.0	19.6	19.2
-100	18.5	19.0	19.5	20.0	20.5	21.0	21.3	21.6	21.9	22.1	21.7	21.2	20.7	20.3	19.8	19.4	18.9	18.5	18.1
-90	18.5	19.3	20.1	20.9	21.7	22.5	23.3	24.1	24.9	25.7	25.3	24.9	24.6	24.2	23.8	23.4	23.1	22.7	22.3
-80	18.5	20.3	22.7	25.3	28.5	32.3	36.4	40.8	43.7	44.6	46.2	47.7	49.0	49.8	50.5	50.7	50.6	50.0	49.1
-70	18.5	21.9	27.2	37.2	54.9	75.6	94.7	110	114	100	96.1	103	109	113	117	119	120	119	116
-60	18.5	23.6	36.2	69.8	119	184	248	287	292	244	168	180	191	201	208	215	219	221	219
-50	18.5	25.6	55.1	124	242	379	509	587	584	497	342	258	279	344	464	654	672	546	343
-40	18.5	28.1	79.4	203	412	651	851	946	925	838	765	1417	2224	2504	2749	2909	3012	3041	3002
-30	18.5	31.2	107	303	602	956	1213	1311	1333	1581	2512	3045	3363	3557	3656	3732	3785	3813	3819
-20	18.5	34.0	134	397	810	1252	1563	1719	1899	2655	3113	3411	3620	3770	3867	3920	3952	3974	3984
-10	18.5	35.7	154	478	981	1519	1863	2106	2511	2968	3275	3513	3700	3833	3918	3964	3992	4004	4018
0	18.5	36.3	164	524	1093	1720	2130	2468	2773	3034	3280	3502	3689	3829	3924	3981	4015	4034	4031
10	18.5	35.4	153	476	977	1512	1853	2092	2383	2817	3205	3512	3694	3821	3906	3956	3978	3990	3991
20	18.5	33.3	132	392	802	1240	1546	1695	1781	2343	2845	3332	3617	3758	3850	3895	3923	3936	3944
30	18.5	30.3	105	297	591	940	1189	1280	1290	1280	2005	2557	3077	3491	3535	3601	3706	3773	3790
40	18.5	27.0	76.1	196	399	632	824	910	879	779	614	776	1522	1855	2182	2373	2446	2394	2255
50	18.5	24.4	51.6	117	230	360	482	551	538	440	273	181	194	212	237	332	401	354	235
60	18.5	22.3	32.7	63.3	108	168	224	254	250	194	108	117	125	133	139	144	147	148	146
70	18.5	20.5	24.0	31.5	46.0	62.8	77.2	86.6	84.3	62.1	53.0	59.5	63.3	66.2	68.5	69.6	69.5	68.1	65.7
80	18.5	19.0	19.9	20.7	21.8	23.2	24.6	26.0	25.6	23.0	23.7	24.6	25.4	26.0	26.4	26.6	26.6	26.4	25.9
90	18.5	18.1	17.7	17.2	16.8	16.3	15.9	15.5	15.0	14.6	14.5	14.3	14.2	14.1	14.0	13.8	13.7	13.6	13.5
100	18.5	17.9	17.4	17.0	16.7	16.5	16.4	16.3	16.3	16.3	16.4	16.5	16.6	16.7	16.8	16.8	16.8	16.8	16.7
110	18.5	17.8	17.4	17.4	17.6	17.9	18.2	18.6	18.9	19.2	19.6	20.1	20.5	20.9	21.2	21.4	21.6	21.7	21.7
120	18.5	17.7	17.7	18.2	18.9	19.6	20.5	21.2	21.9	22.5	23.1	23.9	24.5	25.1	25.6	25.9	26.2	26.3	26.3
130	18.5	17.8	18.2	19.1	20.2	21.5	22.8	24.0	25.1	26.0	26.7	27.5	28.4	29.3	30.2	30.9	31.6	32.1	32.3
140	18.5	17.9	18.6	20.0	21.6	23.4	25.1	26.8	28.3	29.5	30.7	32.0	33.5	35.4	37.3	38.9	40.3	41.3	42.0
150	18.5	18.0	19.1	20.8	22.9	25.1	27.3	29.5	31.4	33.5	35.4	37.2	38.7	40.3	42.5	44.4	45.8	46.6	47.0
160	18.5	18.1	19.5	21.5	24.0	26.6	29.3	31.9	34.5	37.1	39.6	41.9	44.0	46.1	48.0	50.4	52.2	53.2	53.2
170	18.5	18.2	19.7	22.0	24.8	27.7	30.8	33.9	37.0	40.0	42.9	45.8	48.7	51.7	54.5	56.9	58.7	60.3	61.1
180	18.5	18.3	19.9	22.3	25.3	28.4	31.8	35.3	38.7	42.0	45.3	48.6	51.9	55.3	58.0	60.2	61.6	62.6	62.9

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 γ Interval: 1.0DEG
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Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.55V I:0.2378A P:50.509W PF:0.9718 Freq:49.99Hz Lamp Flux:8949.93x1 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	62.4	61.4	59.5	57.4	54.7	51.9	47.8	43.4	39.6	37.2	35.7	34.0	32.0	30.3	29.1	29.1	30.4	33.6	
-170	58.6	58.7	57.1	55.2	53.0	50.5	47.0	43.4	39.9	37.4	35.4	33.5	31.5	29.8	28.8	28.9	30.3	33.6	
-160	52.5	52.8	52.5	51.6	49.9	47.7	45.1	42.1	39.2	36.6	34.4	32.5	30.6	29.2	28.4	28.7	30.3	33.6	
-150	46.0	46.4	46.4	46.4	46.3	45.0	42.6	39.9	37.1	34.8	32.8	31.0	29.5	28.4	28.0	28.6	30.3	33.6	
-140	37.7	38.9	39.8	40.4	40.5	40.1	38.4	35.9	33.8	32.1	30.6	29.3	28.3	27.7	27.7	28.6	30.5	33.6	
-130	31.4	32.3	33.0	33.2	33.2	32.8	32.2	31.2	30.0	29.1	28.2	27.5	27.1	27.0	27.6	28.7	30.7	33.6	
-120	25.4	26.0	26.5	26.8	26.9	27.0	27.0	26.9	26.6	26.3	26.0	26.0	26.2	26.7	27.6	29.1	31.0	33.6	
-110	20.0	20.7	21.3	21.9	22.4	22.8	23.2	23.6	23.9	24.2	24.6	25.2	26.0	26.9	28.1	29.7	31.5	33.6	
-100	18.6	19.2	19.8	20.4	20.9	21.5	22.0	22.5	23.0	23.8	24.7	25.7	26.8	28.0	29.2	30.6	32.0	33.6	
-90	22.7	23.0	23.4	23.7	24.1	24.4	24.7	25.1	25.4	26.3	27.2	28.1	29.0	30.0	30.9	31.8	32.7	33.6	
-80	49.2	48.9	48.2	47.2	45.8	44.3	42.6	40.7	38.7	37.2	35.8	34.6	33.9	33.4	33.2	33.3	33.4	33.6	
-70	117	117	115	111	106	101	93.2	84.8	80.1	74.7	64.9	53.7	46.7	41.1	37.3	35.3	34.2	33.6	
-60	219	217	211	204	195	183	170	155	188	193	167	128	85.2	55.8	44.6	37.9	35.1	33.6	
-50	495	562	499	393	289	270	248	313	419	439	389	295	187	102	55.2	41.7	36.0	33.6	
-40	3032	2996	2877	2696	2398	2010	1040	646	759	798	739	563	363	188	80.7	46.3	37.0	33.6	
-30	3809	3776	3720	3636	3524	3303	2929	2305	1348	1212	1127	916	594	305	119	51.0	37.9	33.6	
-20	3971	3943	3908	3850	3733	3566	3331	3001	2470	1743	1528	1281	841	435	167	55.5	38.6	33.6	
-10	4005	3983	3948	3882	3780	3628	3426	3163	2822	2304	1920	1578	1072	551	202	58.8	39.1	33.6	
0	4016	3986	3935	3864	3752	3589	3387	3147	2884	2611	2271	1824	1232	620	220	60.2	39.3	33.6	
10	3969	3942	3907	3848	3754	3609	3417	3154	2739	2262	1908	1570	1066	547	200	57.9	38.8	33.6	
20	3920	3890	3847	3787	3694	3544	3327	2869	2287	1687	1506	1265	830	428	163	53.8	38.0	33.6	
30	3760	3683	3564	3491	3473	3249	2678	2009	1270	1172	1099	895	580	295	114	48.7	37.1	33.6	
40	2418	2510	2482	2311	2000	1595	856	579	704	758	706	539	347	177	74.9	43.7	36.1	33.6	
50	365	425	378	264	207	192	176	253	366	397	357	271	171	92.1	49.4	38.9	35.0	33.6	
60	147	146	143	137	130	121	112	101	144	157	140	107	71.4	46.8	39.3	35.2	34.0	33.6	
70	67.3	68.0	67.6	65.9	62.6	59.3	55.0	48.1	47.3	49.6	45.4	39.1	36.2	34.0	32.8	32.7	33.1	33.6	
80	26.0	26.0	25.7	25.2	24.6	23.8	22.9	22.0	21.3	22.7	24.0	25.3	26.7	28.1	29.5	31.0	32.3	33.6	
90	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.0	16.3	18.3	20.2	22.1	24.0	25.9	27.8	29.7	31.7	33.6	
100	17.1	17.4	17.7	17.9	18.1	18.3	18.4	18.6	18.7	19.7	20.9	22.1	23.5	25.1	26.8	28.8	31.1	33.6	
110	22.1	22.4	22.6	22.8	22.8	22.7	22.6	22.4	22.3	22.4	22.8	23.3	24.0	25.0	26.4	28.3	30.6	33.6	
120	27.1	27.7	28.1	28.3	28.3	28.0	27.5	26.9	26.2	25.7	25.3	25.0	25.1	25.5	26.5	28.0	30.3	33.6	
130	33.3	33.9	34.3	34.7	34.8	34.6	33.9	32.4	30.7	29.3	28.0	27.1	26.5	26.3	26.7	27.9	30.1	33.6	
140	42.5	42.7	42.6	42.2	41.6	40.9	39.5	37.4	35.1	32.9	30.9	29.2	28.0	27.3	27.2	28.0	30.0	33.6	
150	47.6	47.8	47.6	47.2	46.7	45.1	42.7	40.3	37.9	35.7	33.3	31.2	29.4	28.2	27.6	28.2	30.0	33.6	
160	53.8	53.7	53.0	51.8	49.9	47.7	45.1	42.1	39.4	37.1	35.0	32.7	30.7	29.1	28.2	28.5	30.1	33.6	
170	60.1	59.0	57.6	55.5	53.1	50.5	47.0	43.4	40.0	37.6	35.7	33.6	31.5	29.8	28.7	28.8	30.2	33.6	
180	62.4	61.4	59.5	57.4	54.7	51.9	47.8	43.4	39.6	37.2	35.7	34.0	32.0	30.3	29.1	29.1	30.4	33.6	

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: