

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	651.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	14.0 degrees horizontal

Beam Spread	At 10% of Imax	79.1V x 141.7H
	At 50% of Imax	60.1V x 110.2H
	At 90% of Imax	24.6V x 77.4H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	910.5 lumens per klm.
	To 50% of Imax	774.0 lumens per klm.
	To 90% of Imax	300.8 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

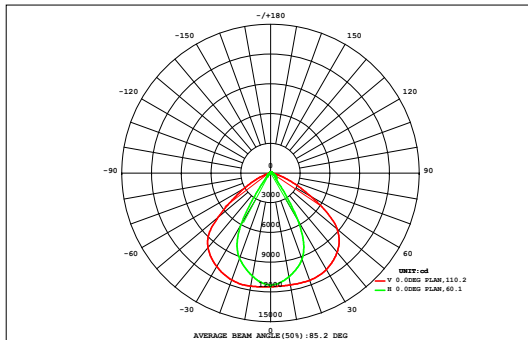
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.52V I:0.4846A P:102.61W PF:0.9689 Freq:49.99Hz Lamp Flux:17825.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

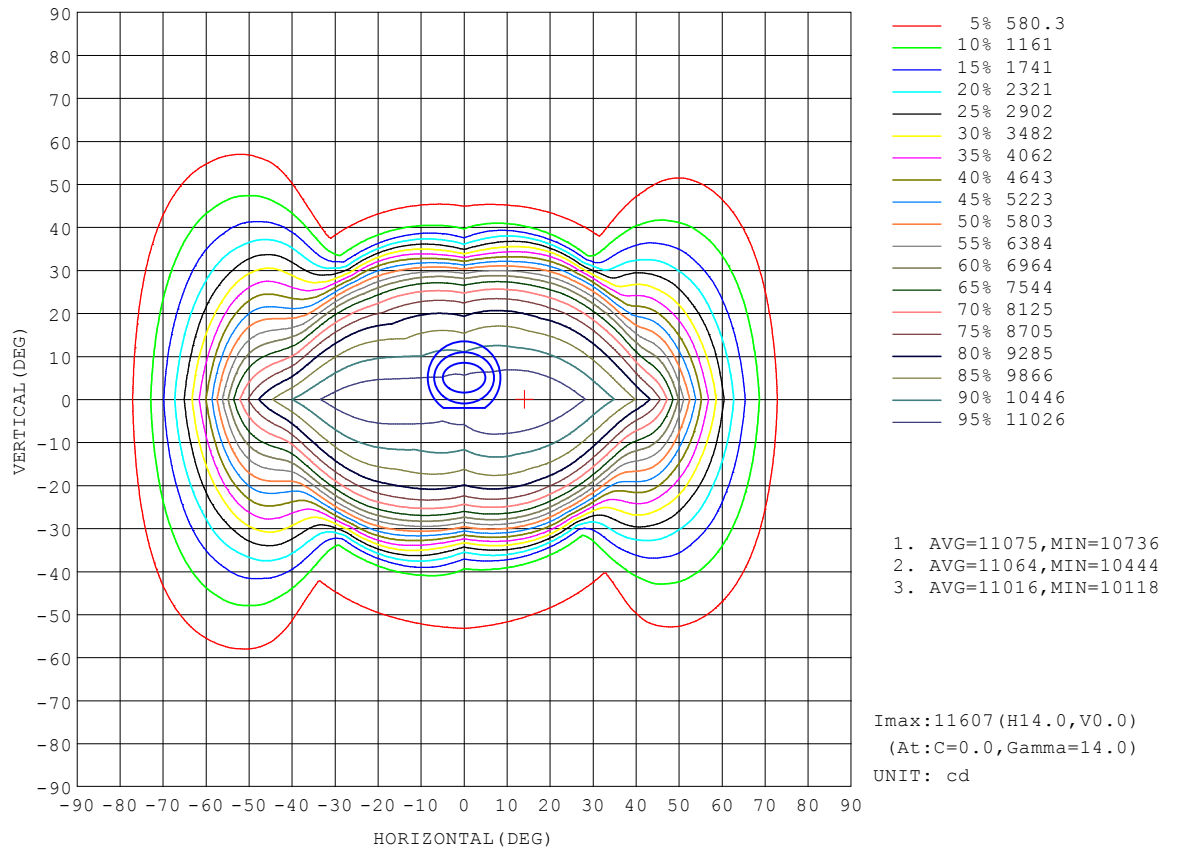


DATA OF LAMP		Eff:173.71lm/W	
MODEL		Imax(cd)	11607
NOMINAL POWER(W)	100	AVAILABILITY(%)	91.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	16270
NOMINAL FLUX(lm)	17825.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	17825
TEST VOLTAGE(V)	220	θ @50%(H,V)	110,60DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.10	0.30	0.51	0.69	0.80	0.96	1.09	1.17	1.19	1.17	1.12	1.02	0.88	0.75	0.70	0.59	0.41	0.15	13.6	0.00	
90	0.11	0.46	1.09	1.83	2.05	2.50	3.07	3.45	3.57	3.50	3.26	2.78	2.14	1.55	1.15	0.76	0.45	0.16	33.9	0.00	
80	0.13	0.85	2.74	5.10	5.17	5.34	6.69	7.55	7.86	7.66	7.04	6.06	4.80	3.94	2.93	1.37	0.55	0.16	75.9	0.00	
70	0.17	1.54	5.81	11.4	12.2	8.44	10.0	11.6	12.6	12.5	11.1	9.01	6.88	8.66	7.06	2.92	0.76	0.17	133	0.00	
60	0.22	2.56	10.4	22.0	27.4	14.6	13.7	18.2	20.4	20.8	18.3	13.9	12.8	18.9	14.1	5.72	1.16	0.18	235	44.4	
50	0.27	3.82	16.5	38.2	56.1	41.9	47.6	93.2	103	107	104	55.5	37.4	40.9	25.1	9.69	1.75	0.20	782	727	
40	0.33	5.17	23.7	60.7	95.8	110	173	225	243	245	233	187	110	77.0	40.8	14.4	2.44	0.21	1847	1832	
30	0.38	6.41	31.1	86.5	141	194	257	286	302	305	293	260	194	122	59.8	19.3	3.11	0.22	2560	2548	
-30	0.41	7.35	37.5	111	188	250	299	323	335	337	327	296	243	168	78.0	23.4	3.61	0.23	3026	3016	
	0.41	7.36	37.6	111	188	252	301	325	335	340	328	295	237	167	78.1	23.5	3.61	0.23	3031	3021	
	0.38	6.45	31.3	86.9	142	200	265	295	306	308	294	252	175	122	60.3	19.5	3.13	0.22	2567	2556	
	0.33	5.22	23.9	61.3	97.4	116	187	233	243	241	221	151	94.0	77.8	41.7	14.6	2.46	0.21	1810	1795	
	0.28	3.88	16.8	38.8	57.6	45.2	55.4	100	101	92.6	75.4	34.3	38.1	42.5	26.2	9.92	1.78	0.20	740	675	
-40	0.22	2.62	10.7	22.8	28.6	17.3	17.8	22.7	24.8	23.2	20.7	16.6	15.4	21.3	15.0	5.90	1.20	0.19	267	54.9	
-50	0.18	1.60	6.08	12.2	13.6	10.2	12.4	14.7	16.2	16.2	14.6	12.5	10.0	10.3	7.55	3.06	0.80	0.18	162	0.00	
-60	0.14	0.90	2.92	5.65	6.34	6.96	8.52	9.61	10.1	10.0	9.29	7.89	6.02	4.61	3.20	1.47	0.59	0.17	94.4	0.00	
-70	0.12	0.50	1.23	2.15	2.64	3.28	3.93	4.30	4.32	4.17	3.88	3.31	2.58	1.88	1.35	0.86	0.49	0.16	41.2	0.00	
-80	0.11	0.35	0.63	0.93	1.17	1.36	1.49	1.55	1.52	1.48	1.45	1.35	1.21	1.04	0.88	0.69	0.44	0.16	17.8	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
Φ t	4.30	57.3	261	679	1067	1280	1663	1975	2070	2076	1966	1606	1191	890	464	158	28.7	3.40	17438	---	
Φ a	0.00	11.5	210	626	1007	1204	1566	1879	1970	1976	1870	1507	1116	828	406	93.7	0.00	0.00	---	16270	

ISOCANDELA DIAGRAM

Test:U:218.52V I:0.4846A P:102.61W PF:0.9689 Freq:49.99Hz Lamp Flux:17825.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

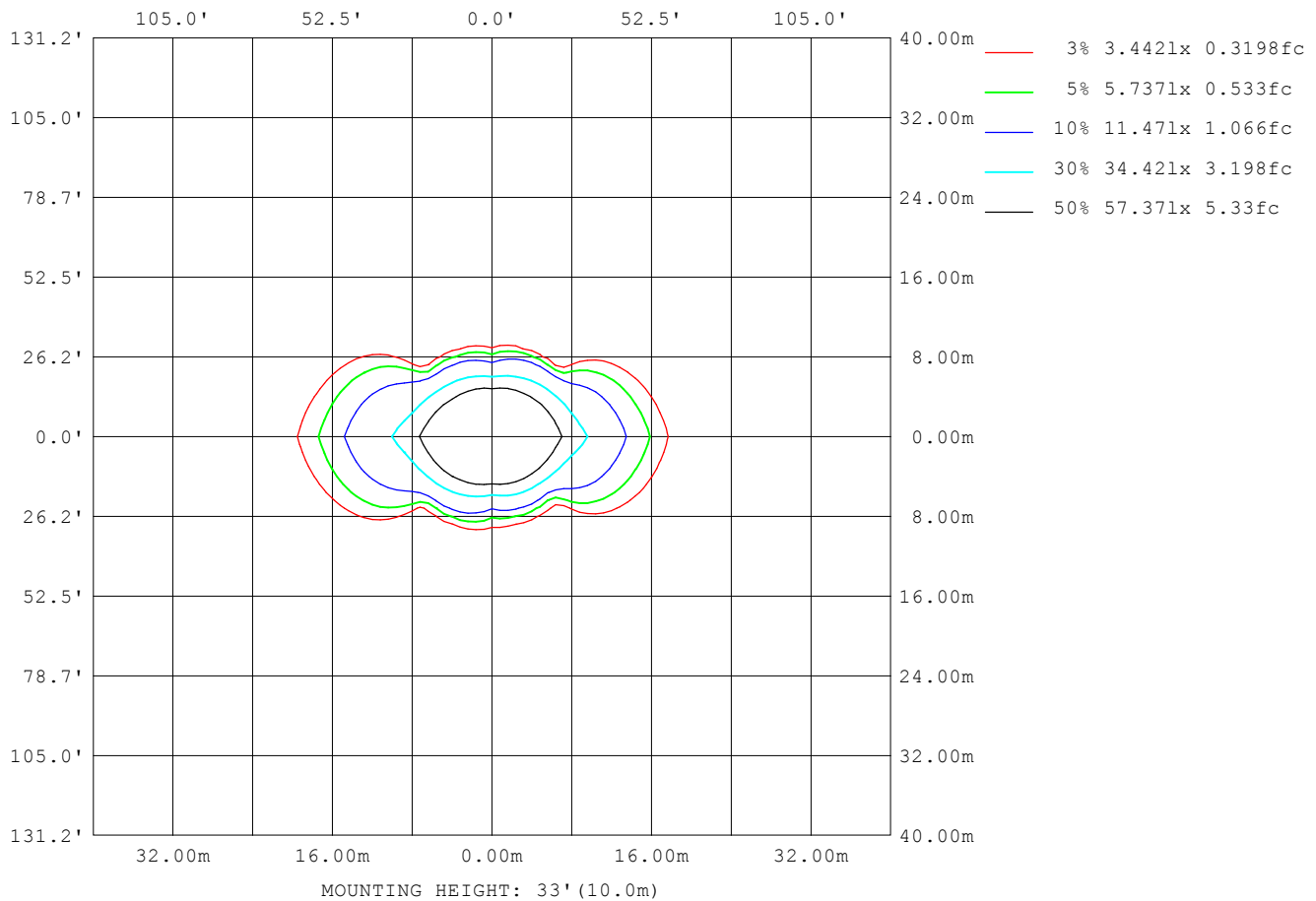


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

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

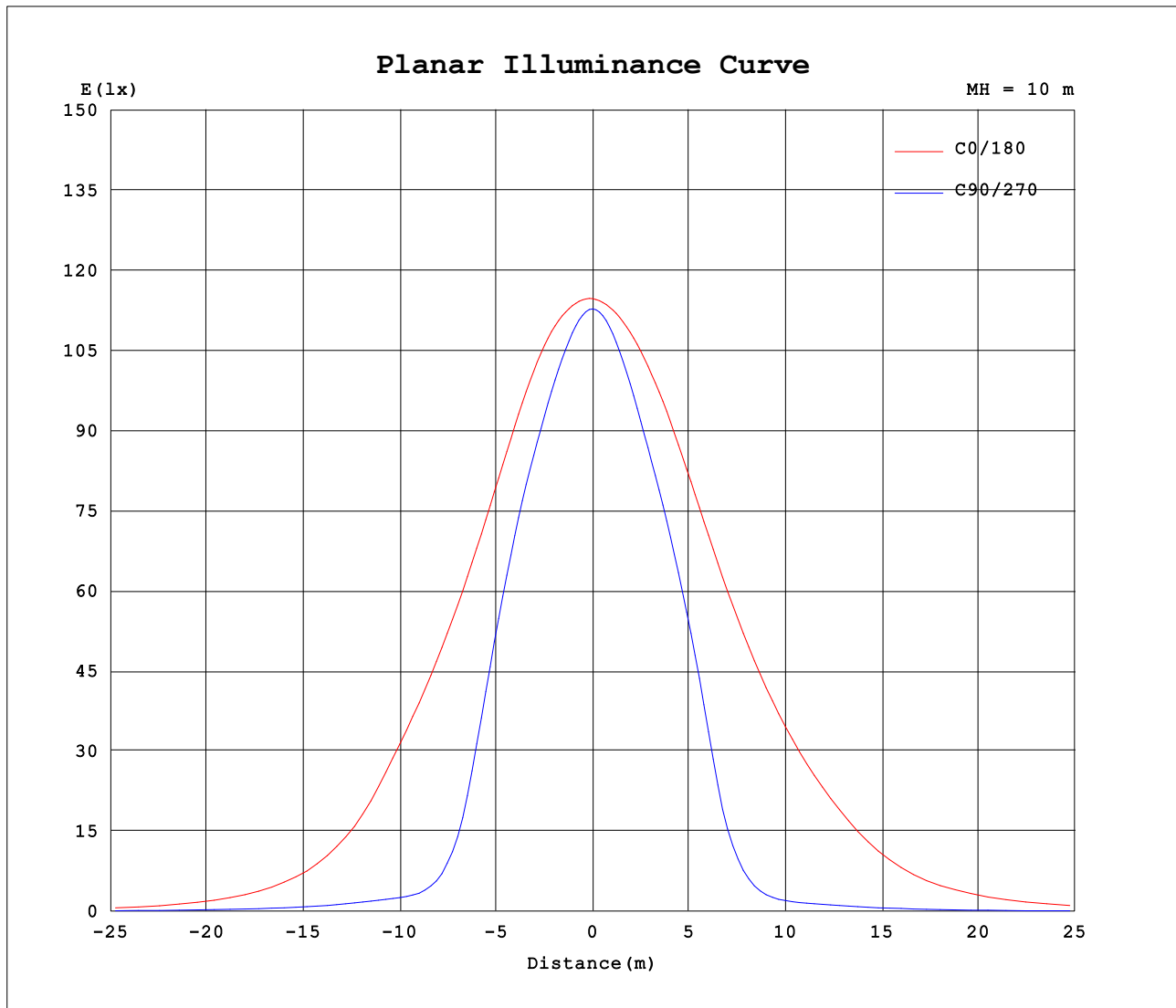
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NAME:	TYPE:	WEIGHT:
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Remarks:

Planar Illuminance Curve

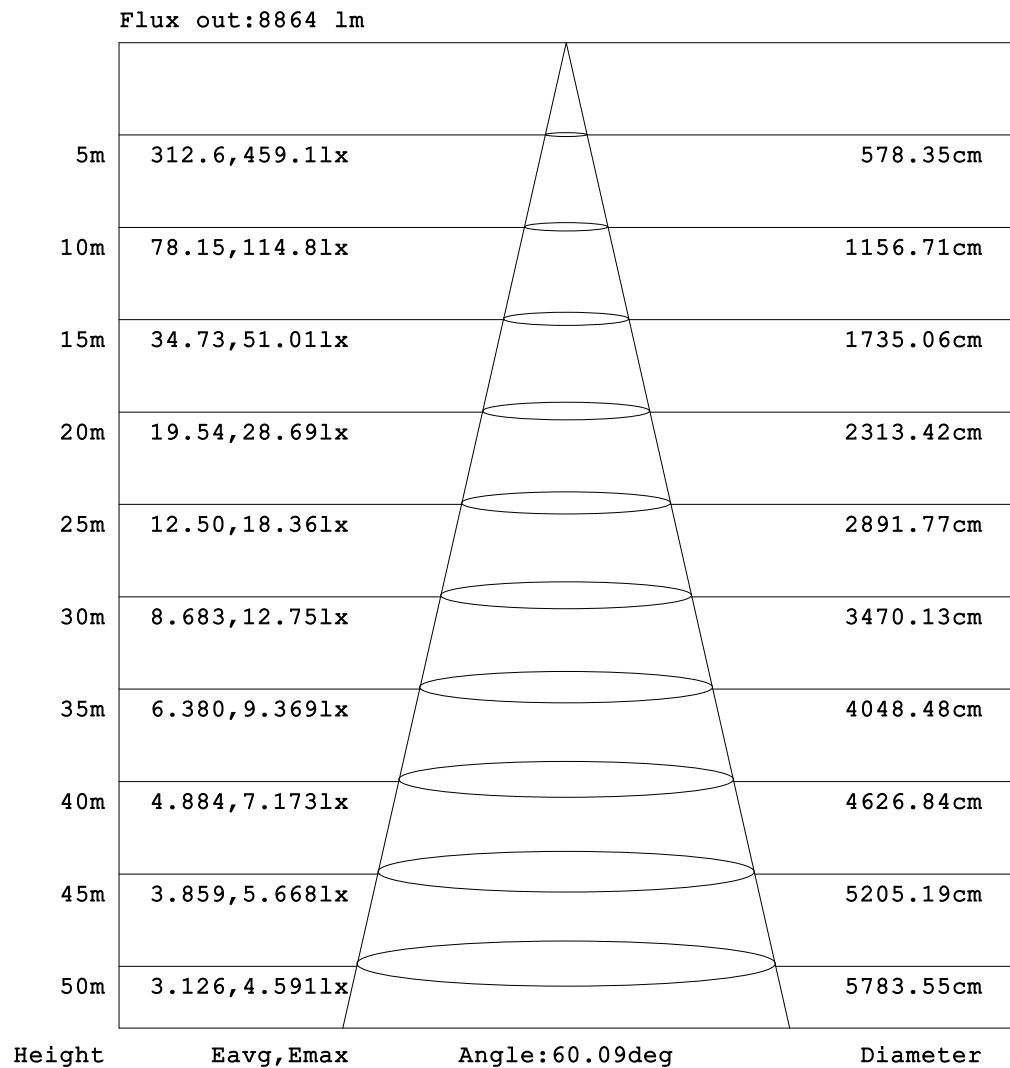


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Test Distance: 9.250m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.52V I:0.4846A P:102.61W PF:0.9689 Freq:49.99Hz Lamp Flux:17825.3x1 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:218.52V I:0.4846A P:102.61W PF:0.9689 Freq:49.99Hz Lamp Flux:17825.3x1 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	3.70	3.44	3.74	4.18	4.73	5.31	5.93	6.55	7.19	7.82	8.43	9.06	9.77	10.6	11.3	12.1	12.7	13.2	13.4
-170	3.70	3.44	3.72	4.12	4.62	5.14	5.69	6.25	6.81	7.38	7.93	8.45	9.02	9.66	10.3	10.9	11.4	12.2	12.9
-160	3.70	3.45	3.69	4.03	4.45	4.89	5.36	5.83	6.29	6.77	7.23	7.63	8.00	8.37	8.76	9.44	10.2	10.7	11.1
-150	3.70	3.45	3.65	3.92	4.24	4.59	4.96	5.32	5.68	6.02	6.36	6.67	6.94	7.20	7.58	7.99	8.39	8.72	8.93
-140	3.70	3.44	3.61	3.81	4.03	4.28	4.53	4.78	5.02	5.24	5.45	5.63	5.85	6.11	6.36	6.57	6.73	6.83	6.86
-130	3.70	3.44	3.57	3.71	3.84	3.98	4.13	4.27	4.40	4.51	4.60	4.70	4.83	4.95	5.06	5.14	5.18	5.18	5.12
-120	3.70	3.46	3.54	3.64	3.72	3.78	3.82	3.86	3.89	3.92	3.93	3.94	3.93	3.92	3.91	3.89	3.85	3.79	3.69
-110	3.70	3.51	3.54	3.61	3.67	3.71	3.72	3.70	3.67	3.62	3.57	3.52	3.47	3.41	3.35	3.27	3.19	3.10	3.01
-100	3.70	3.61	3.61	3.65	3.71	3.77	3.81	3.84	3.86	3.86	3.78	3.69	3.61	3.54	3.47	3.41	3.34	3.28	3.23
-90	3.70	3.78	3.87	3.95	4.04	4.12	4.21	4.29	4.38	4.46	4.39	4.31	4.23	4.16	4.08	4.01	3.93	3.86	3.78
-80	3.70	4.04	4.47	4.93	5.53	6.20	6.80	7.22	7.36	7.18	7.46	7.70	7.87	7.95	7.96	7.87	7.69	7.42	7.08
-70	3.70	4.41	5.65	7.95	10.8	14.2	17.4	20.0	20.6	18.9	18.6	20.1	21.2	22.2	22.9	23.3	23.5	23.3	22.8
-60	3.70	4.86	8.11	13.9	22.3	32.4	42.1	48.6	49.7	44.1	33.4	35.3	37.1	38.8	40.2	41.4	42.4	43.2	43.5
-50	3.70	5.46	11.6	23.5	41.4	62.8	81.9	96.8	102	93.2	65.3	44.5	48.3	52.8	57.1	60.7	63.6	65.5	66.4
-40	3.70	6.28	16.1	36.6	67.3	103	140	170	191	194	167	103	69.0	78.8	94.7	120	141	136	106
-30	3.70	7.19	21.1	51.0	96.3	153	214	279	340	365	336	279	284	439	555	601	616	604	558
-20	3.70	7.97	25.8	65.4	126	207	305	422	525	560	556	640	779	867	912	932	944	944	927
-10	3.70	8.48	29.3	77.5	153	257	394	570	710	771	825	930	1003	1042	1058	1063	1062	1068	1063
0	3.70	8.69	31.0	84.4	171	292	464	692	877	979	1044	1091	1124	1144	1151	1149	1146	1145	1147
10	3.70	8.44	29.2	77.2	153	256	393	568	708	768	813	913	983	1022	1038	1043	1045	1060	1057
20	3.70	7.90	25.6	64.9	125	205	304	419	521	553	550	604	742	825	869	900	922	928	917
30	3.70	7.08	20.8	50.3	94.9	150	211	276	335	357	325	269	252	377	516	579	613	622	596
40	3.70	6.15	15.8	36.0	65.9	100	136	167	187	188	157	89.4	52.7	63.0	82.0	108	123	126	107
50	3.70	5.31	11.3	22.9	40.2	60.5	78.6	92.0	97.0	87.4	59.1	36.9	38.7	41.4	44.3	46.6	48.3	49.4	49.8
60	3.70	4.70	7.74	13.3	21.3	30.8	39.4	44.6	44.6	37.5	25.5	28.5	30.2	31.3	31.9	32.8	33.4	33.6	33.6
70	3.70	4.23	5.28	7.36	9.97	13.1	15.8	17.8	17.6	14.8	14.0	15.2	16.2	17.1	17.8	18.3	18.5	18.5	18.2
80	3.70	3.86	4.10	4.37	4.75	5.20	5.56	5.74	5.64	5.20	5.47	5.74	5.96	6.09	6.20	6.22	6.18	6.07	5.90
90	3.70	3.61	3.53	3.44	3.35	3.27	3.18	3.10	3.01	2.93	2.93	2.94	2.94	2.95	2.95	2.96	2.97	2.97	2.98
100	3.70	3.45	3.29	3.19	3.14	3.10	3.07	3.03	3.00	2.96	2.98	3.01	3.03	3.04	3.05	3.05	3.06	3.05	3.05
110	3.70	3.36	3.26	3.26	3.28	3.30	3.32	3.34	3.36	3.37	3.40	3.44	3.46	3.47	3.46	3.45	3.42	3.38	3.33
120	3.70	3.33	3.33	3.39	3.48	3.58	3.68	3.78	3.87	3.93	3.98	4.06	4.13	4.19	4.24	4.27	4.28	4.28	4.24
130	3.70	3.33	3.40	3.54	3.72	3.91	4.11	4.29	4.44	4.57	4.66	4.78	4.95	5.11	5.27	5.40	5.50	5.56	5.57
140	3.70	3.35	3.49	3.70	3.97	4.27	4.55	4.82	5.06	5.27	5.46	5.61	5.83	6.13	6.42	6.70	6.95	7.15	7.26
150	3.70	3.38	3.57	3.86	4.22	4.60	4.98	5.35	5.69	6.02	6.32	6.59	6.84	7.18	7.71	8.27	8.81	9.28	9.63
160	3.70	3.40	3.64	4.00	4.44	4.90	5.38	5.84	6.30	6.75	7.17	7.59	8.02	8.40	8.71	9.38	10.2	10.8	11.3
170	3.70	3.42	3.70	4.11	4.61	5.15	5.70	6.26	6.81	7.37	7.90	8.45	9.03	9.62	10.2	10.7	11.2	12.1	12.6
180	3.70	3.44	3.74	4.18	4.73	5.31	5.93	6.55	7.19	7.82	8.43	9.06	9.77	10.6	11.3	12.1	12.7	13.2	13.3

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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	13.3	13.1	12.6	12.1	11.5	10.8	10.1	9.09	8.23	7.57	7.08	6.62	6.15	5.71	5.39	5.28	5.48	6.04	
-170	13.3	13.4	12.9	12.3	11.7	11.0	10.1	9.07	8.14	7.45	6.92	6.43	5.96	5.56	5.28	5.22	5.45	6.04	
-160	11.6	11.9	12.1	12.0	11.4	10.6	9.60	8.59	7.76	7.12	6.60	6.13	5.70	5.36	5.15	5.16	5.44	6.04	
-150	9.48	9.89	10.2	10.3	10.1	9.40	8.51	7.75	7.12	6.59	6.13	5.72	5.37	5.13	5.03	5.12	5.44	6.04	
-140	7.32	7.65	7.83	7.87	7.78	7.59	7.20	6.70	6.26	5.87	5.52	5.23	5.02	4.90	4.93	5.10	5.46	6.04	
-130	5.42	5.66	5.82	5.91	5.92	5.86	5.73	5.52	5.27	5.05	4.87	4.74	4.69	4.73	4.87	5.12	5.50	6.04	
-120	3.91	4.09	4.23	4.33	4.39	4.43	4.42	4.38	4.32	4.30	4.31	4.37	4.49	4.66	4.88	5.17	5.55	6.04	
-110	3.14	3.26	3.37	3.46	3.54	3.60	3.64	3.66	3.73	3.90	4.08	4.27	4.48	4.71	4.97	5.28	5.63	6.04	
-100	3.28	3.34	3.39	3.45	3.52	3.58	3.65	3.71	3.80	4.00	4.21	4.43	4.66	4.90	5.16	5.43	5.73	6.04	
-90	3.83	3.88	3.93	3.98	4.04	4.09	4.14	4.19	4.24	4.44	4.64	4.84	5.04	5.24	5.44	5.64	5.84	6.04	
-80	7.11	7.09	7.00	6.86	6.65	6.44	6.21	5.97	5.75	5.77	5.77	5.76	5.79	5.81	5.85	5.91	5.98	6.04	
-70	22.8	22.4	21.7	20.7	19.4	17.9	16.2	14.4	13.3	12.5	11.0	9.41	8.00	7.12	6.60	6.29	6.13	6.04	
-60	43.3	42.6	41.5	40.1	38.3	35.6	32.3	28.9	32.5	32.5	28.1	21.8	15.5	10.7	7.99	6.84	6.30	6.04	
-50	64.7	62.2	58.8	55.0	51.4	48.5	45.8	56.8	70.3	70.4	62.0	47.7	31.7	18.9	10.9	7.60	6.48	6.04	
-40	109	100	88.1	78.5	70.8	62.8	86.8	128	141	134	114	87.6	57.9	32.1	15.8	8.61	6.70	6.04	
-30	589	580	531	429	247	185	247	283	273	236	188	138	91.5	49.5	22.2	9.87	6.91	6.04	
-20	945	942	919	874	792	657	510	503	470	382	286	199	127	68.6	29.1	11.3	7.09	6.04	
-10	1082	1081	1072	1051	1014	947	843	746	689	543	388	258	159	85.0	34.8	12.6	7.22	6.04	
0	1152	1158	1160	1148	1124	1088	1044	984	887	687	473	303	181	94.8	37.8	13.1	7.29	6.04	
10	1071	1069	1065	1049	1020	974	900	780	688	542	386	256	158	84.6	34.7	12.5	7.19	6.04	
20	937	938	922	897	852	769	630	505	467	379	282	195	126	68.0	28.9	11.2	7.03	6.04	
30	630	632	611	566	466	286	246	278	268	229	182	134	90.0	48.8	21.9	9.70	6.83	6.04	
40	139	142	117	76.6	63.0	54.9	79.1	119	132	124	108	84.7	56.5	31.4	15.4	8.38	6.60	6.04	
50	49.6	48.8	47.0	44.2	40.5	36.2	31.4	42.7	59.2	64.1	58.6	45.7	30.5	18.3	10.5	7.34	6.37	6.04	
60	32.7	31.4	29.8	28.1	26.8	25.5	24.2	22.5	28.2	29.4	26.1	20.5	14.7	10.1	7.53	6.56	6.17	6.04	
70	18.2	18.0	17.6	16.9	16.0	14.9	13.6	12.1	11.3	11.1	9.90	8.47	7.20	6.46	6.14	6.00	6.00	6.04	
80	5.90	5.83	5.71	5.53	5.30	5.05	4.74	4.44	4.17	4.40	4.61	4.80	5.01	5.21	5.42	5.64	5.85	6.04	
90	2.99	3.00	3.02	3.03	3.04	3.05	3.07	3.08	3.09	3.42	3.75	4.08	4.41	4.73	5.06	5.39	5.72	6.04	
100	3.12	3.20	3.27	3.33	3.38	3.43	3.46	3.49	3.51	3.68	3.87	4.08	4.32	4.58	4.89	5.23	5.62	6.04	
110	3.49	3.64	3.78	3.89	3.99	4.07	4.12	4.14	4.15	4.17	4.22	4.29	4.41	4.57	4.81	5.13	5.53	6.04	
120	4.45	4.64	4.78	4.90	4.98	5.02	5.03	5.02	4.92	4.81	4.71	4.65	4.62	4.67	4.81	5.07	5.47	6.04	
130	5.88	6.11	6.27	6.35	6.35	6.29	6.19	5.99	5.74	5.50	5.28	5.08	4.93	4.84	4.87	5.06	5.43	6.04	
140	7.66	7.96	8.17	8.28	8.26	8.07	7.61	7.04	6.57	6.19	5.84	5.53	5.25	5.05	4.97	5.07	5.41	6.04	
150	9.91	10.1	10.1	10.1	10.0	9.57	8.87	8.08	7.36	6.80	6.34	5.93	5.56	5.27	5.09	5.11	5.41	6.04	
160	11.5	11.6	11.5	11.4	11.0	10.4	9.59	8.79	7.97	7.26	6.74	6.27	5.83	5.46	5.20	5.16	5.42	6.04	
170	12.7	12.7	12.3	11.9	11.4	10.8	10.0	9.11	8.25	7.53	6.98	6.50	6.03	5.61	5.30	5.22	5.44	6.04	
180	13.3	13.1	12.6	12.1	11.5	10.8	10.1	9.09	8.23	7.57	7.08	6.62	6.15	5.71	5.39	5.28	5.48	6.04	

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: