

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	758.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-9.0 degrees horizontal

Beam Spread	At 10% of Imax	95.6V x 133.0H
	At 50% of Imax	39.7V x 106.9H
	At 90% of Imax	21.4V x 57.2H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	909.1 lumens per klm.
	To 50% of Imax	630.3 lumens per klm.
	To 90% of Imax	240.7 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

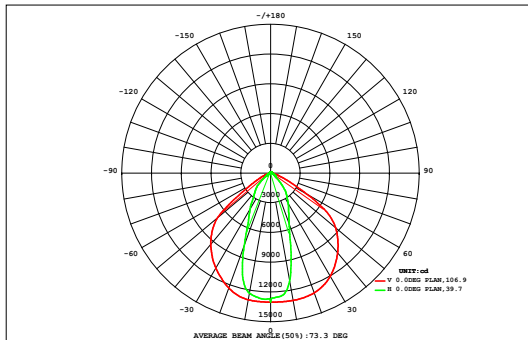
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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:218.53V I:0.4845A P:102.58W PF:0.9689 Freq:49.99Hz Lamp Flux:17198.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:167.65lm/W	
MODEL		Imax(cd)	13046
NOMINAL POWER(W)	100	AVAILABILITY(%)	90.9
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	15632
NOMINAL FLUX(lm)	17198.5	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	17198
TEST VOLTAGE(V)	220	θ @50%(H,V)	107,40DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.10	0.30	0.53	0.76	0.96	1.18	1.38	1.53	1.59	1.56	1.42	1.22	1.00	0.80	0.70	0.57	0.38	0.14	16.1	0.00
90	0.10	0.30	0.53	0.76	0.96	1.18	1.38	1.53	1.59	1.56	1.42	1.22	1.00	0.80	0.70	0.57	0.38	0.14	16.1	0.00
80	0.11	0.45	1.08	1.89	2.57	3.46	4.33	4.91	5.14	5.03	4.60	3.86	2.90	1.94	1.26	0.77	0.43	0.15	44.9	0.00
70	0.13	0.77	2.33	4.59	5.89	7.14	8.92	10.2	10.7	10.6	9.82	8.34	6.44	4.68	2.94	1.34	0.53	0.15	95.5	0.00
60	0.16	1.26	4.50	9.27	11.9	12.1	17.2	21.4	22.6	21.9	19.8	15.5	10.9	8.98	5.96	2.51	0.71	0.16	187	0.00
50	0.20	1.95	7.63	17.6	29.2	30.5	40.8	52.2	58.0	56.9	48.8	36.3	24.7	18.6	10.9	4.31	1.01	0.17	440	297
40	0.24	2.77	11.9	33.9	65.3	67.6	69.3	90.1	98.5	99.6	89.6	64.3	57.5	44.1	19.2	6.75	1.39	0.18	822	782
30	0.28	3.63	17.2	59.5	106	121	126	161	180	190	185	130	109	84.3	32.9	9.74	1.81	0.19	1517	1491
	0.31	4.40	23.3	86.7	147	186	224	288	325	330	315	235	171	125	51.6	12.9	2.20	0.20	2528	2509
	0.33	4.97	28.7	110	188	252	312	365	385	384	365	304	230	163	69.0	15.5	2.47	0.21	3177	3160
	0.33	4.97	28.7	110	187	250	300	346	373	378	348	283	226	162	68.7	15.5	2.46	0.21	3086	3069
	0.31	4.39	23.3	86.0	146	182	201	231	258	266	238	189	164	124	51.0	12.9	2.18	0.20	2181	2162
	0.28	3.61	17.2	58.8	104	119	111	129	142	142	125	102	105	82.2	32.4	9.73	1.79	0.19	1285	1260
-30	0.24	2.75	11.9	33.8	62.5	64.5	64.5	81.5	89.4	87.8	77.0	58.5	54.4	41.3	19.1	6.71	1.37	0.18	757	716
-40	0.20	1.93	7.60	17.6	28.3	25.8	34.4	43.4	46.5	45.3	40.0	29.5	20.2	18.0	10.9	4.21	0.99	0.17	375	185
-50	0.16	1.25	4.43	9.25	12.0	11.7	15.4	18.1	18.2	17.6	16.7	14.0	10.6	8.94	5.79	2.39	0.71	0.16	167	0.00
-60	0.13	0.77	2.27	4.44	5.76	7.01	8.65	9.75	10.1	9.95	9.29	7.91	6.06	4.28	2.70	1.30	0.54	0.16	91.1	0.00
-70	0.11	0.47	1.08	1.83	2.39	3.10	3.79	4.20	4.24	4.10	3.81	3.22	2.48	1.78	1.26	0.81	0.46	0.15	39.3	0.00
-80	0.10	0.33	0.60	0.87	1.10	1.28	1.40	1.45	1.43	1.40	1.38	1.29	1.16	1.00	0.85	0.65	0.42	0.14	16.9	0.00
-90	0.10	0.33	0.60	0.87	1.10	1.28	1.40	1.45	1.43	1.40	1.38	1.29	1.16	1.00	0.85	0.65	0.42	0.14	16.9	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.75	41.0	194	646	1107	1345	1545	1859	2028	2053	1898	1487	1204	896	387	108	21.9	3.13	16827	---
Φ a	0.00	0.00	117	580	1041	1267	1458	1771	1943	1963	1811	1399	1123	823	311	25.3	0.00	0.00	---	15632

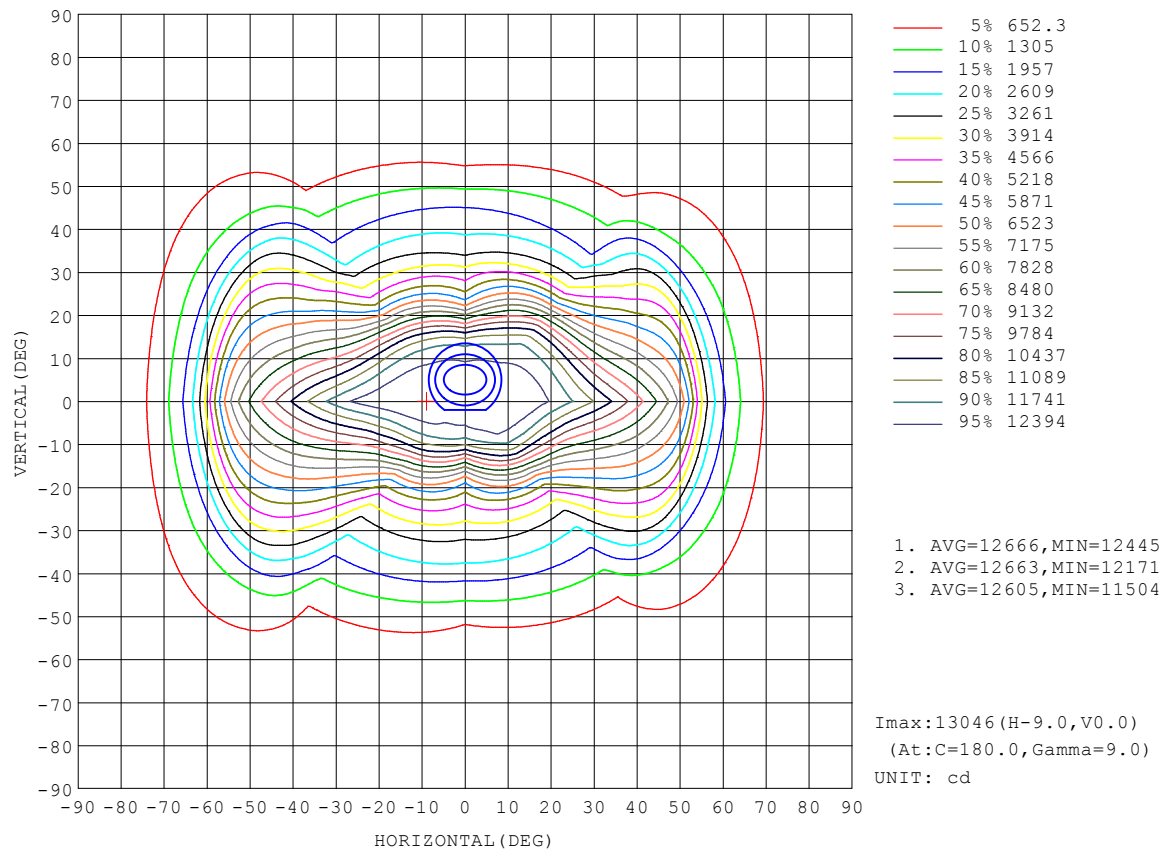
one-half-peak spread: U:17.6,D:19.4 , L:47.1,R:50NEMA Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-31

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

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NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

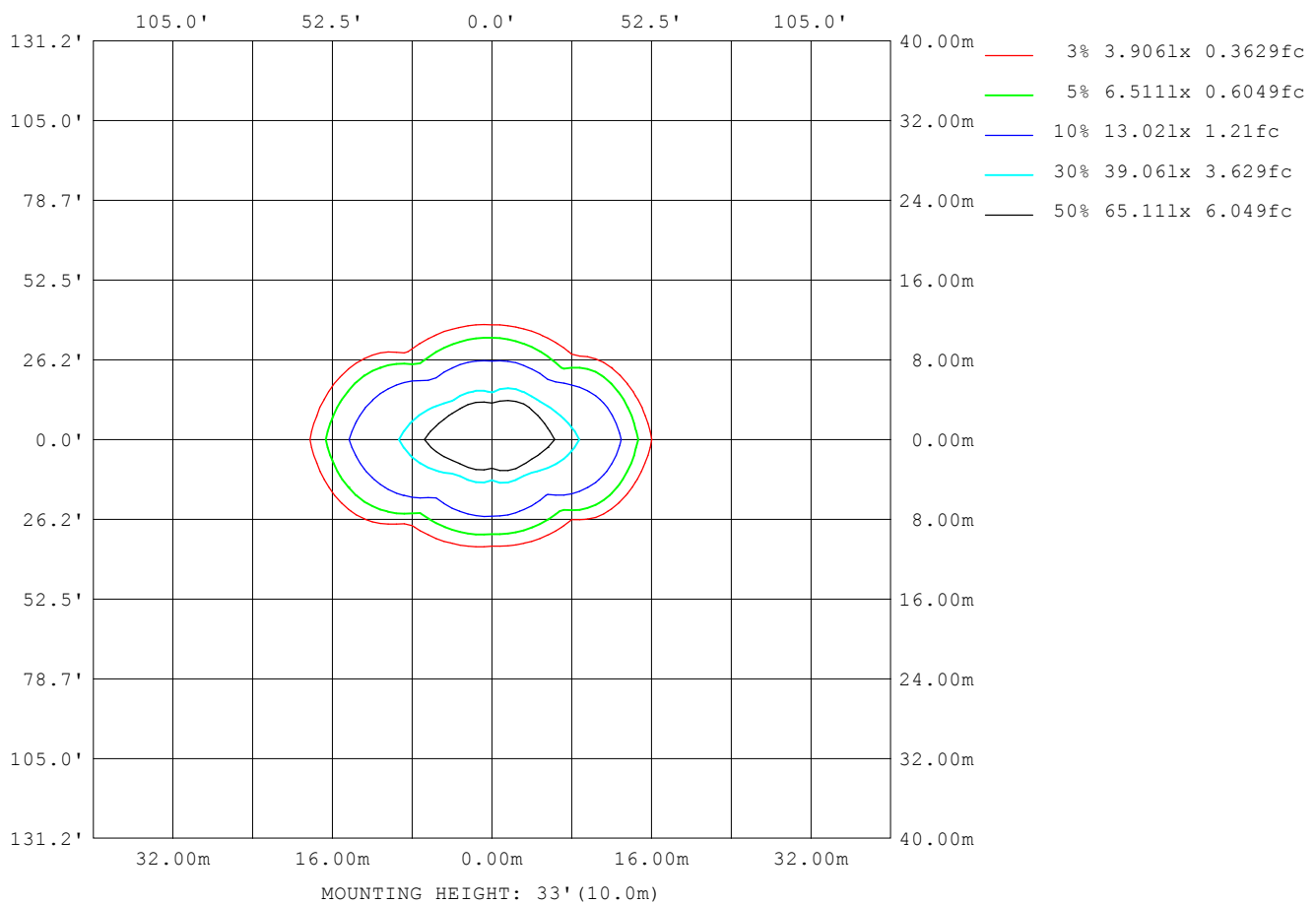


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ISOLUX DIAGRAM

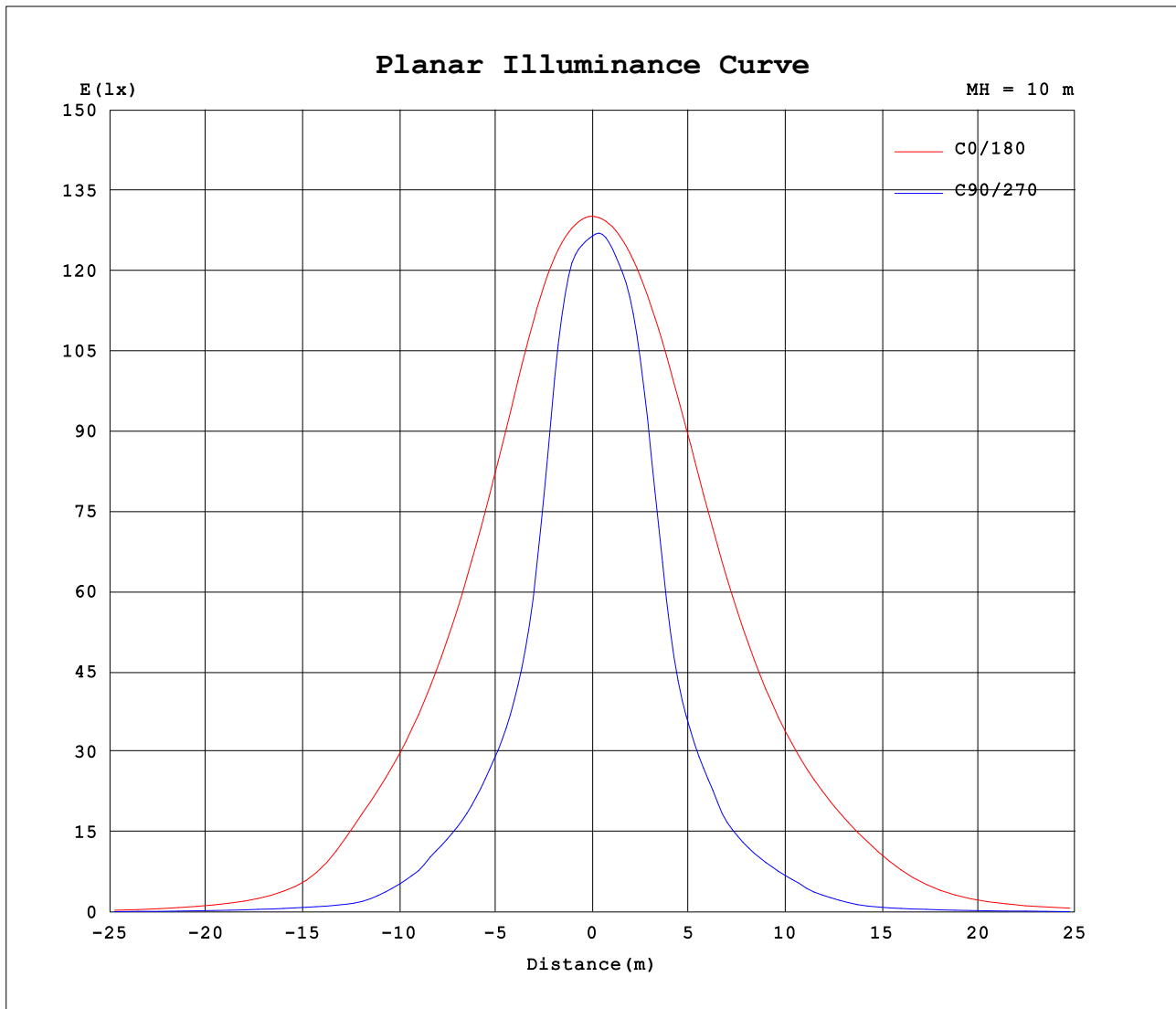
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Test Distance:9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

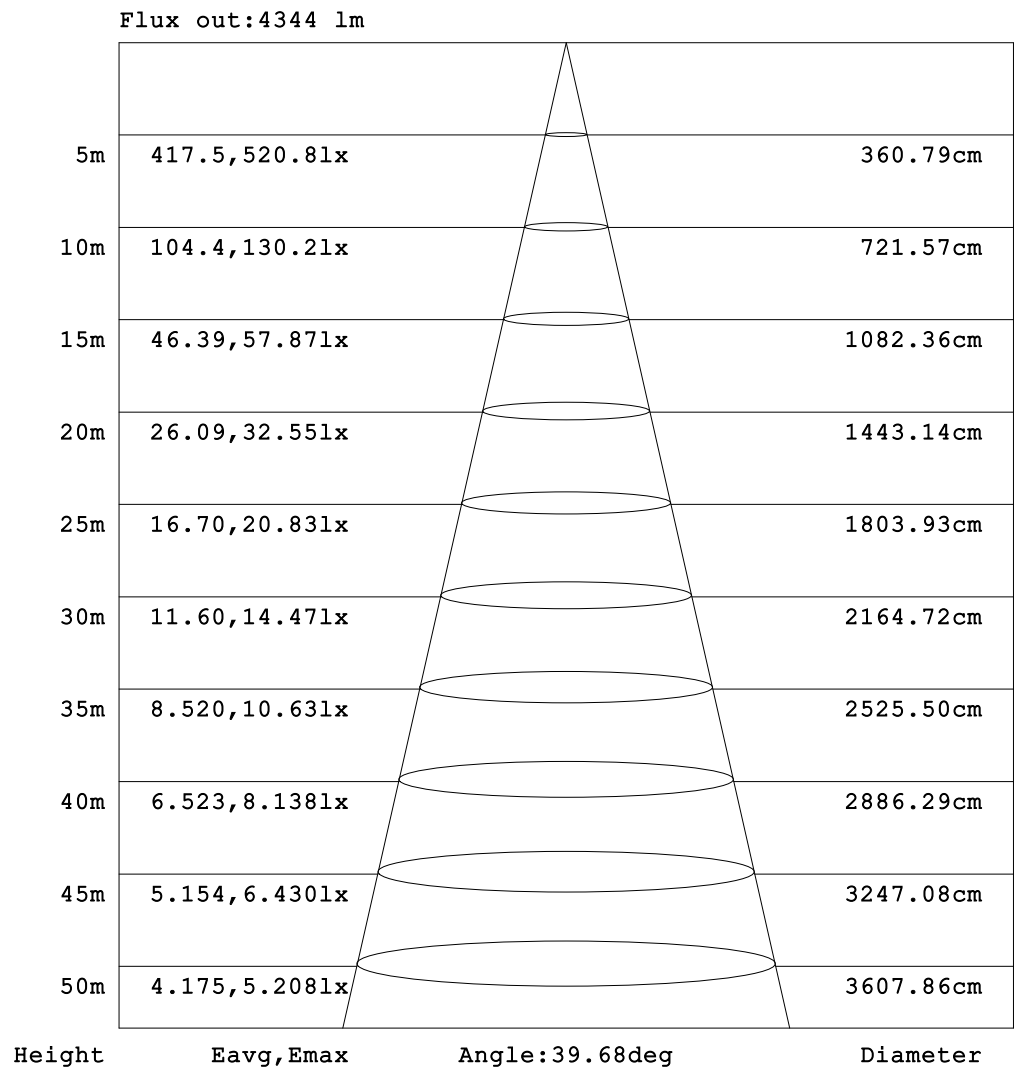


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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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 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

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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:2025-07-31

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:218.53V I:0.4845A P:102.58W PF:0.9689 Freq:49.99Hz Lamp Flux:17198.5x1 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	3.55	3.26	3.56	3.97	4.47	5.01	5.61	6.21	6.81	7.38	7.91	8.46	9.12	9.81	10.5	11.1	11.6	12.0	12.2
-170	3.55	3.27	3.56	3.94	4.38	4.87	5.42	5.96	6.52	7.07	7.60	8.14	8.73	9.34	9.92	10.5	11.0	11.9	12.5
-160	3.55	3.27	3.53	3.86	4.25	4.66	5.12	5.60	6.07	6.56	7.04	7.53	8.02	8.50	8.92	9.51	10.2	10.8	11.4
-150	3.55	3.27	3.50	3.77	4.08	4.41	4.76	5.14	5.51	5.88	6.27	6.65	7.04	7.44	7.89	8.33	8.75	9.10	9.33
-140	3.55	3.26	3.46	3.67	3.90	4.14	4.38	4.64	4.90	5.15	5.39	5.63	5.88	6.16	6.45	6.70	6.91	7.05	7.09
-130	3.55	3.26	3.42	3.58	3.73	3.88	4.03	4.18	4.32	4.46	4.58	4.70	4.81	4.89	4.96	5.00	5.02	4.99	4.90
-120	3.55	3.29	3.38	3.50	3.61	3.69	3.77	3.83	3.88	3.92	3.95	3.99	4.02	4.03	4.03	4.00	3.95	3.88	3.79
-110	3.55	3.35	3.36	3.46	3.54	3.60	3.64	3.66	3.67	3.66	3.64	3.61	3.58	3.55	3.52	3.48	3.44	3.38	3.33
-100	3.55	3.46	3.45	3.48	3.55	3.62	3.68	3.73	3.77	3.79	3.72	3.65	3.59	3.52	3.47	3.41	3.36	3.31	3.26
-90	3.55	3.63	3.71	3.79	3.87	3.95	4.03	4.11	4.19	4.27	4.20	4.14	4.08	4.01	3.95	3.88	3.82	3.76	3.69
-80	3.55	3.88	4.27	4.73	5.27	5.82	6.24	6.61	6.77	6.66	6.90	7.11	7.27	7.35	7.39	7.33	7.18	6.96	6.67
-70	3.55	4.23	5.42	7.17	9.42	11.8	14.1	16.1	17.2	17.0	17.8	19.5	21.0	22.0	22.6	22.8	22.7	22.3	21.5
-60	3.55	4.68	7.30	11.7	17.3	24.4	31.4	37.2	40.2	38.9	34.0	36.8	39.3	41.4	43.6	45.0	45.8	45.8	45.2
-50	3.55	5.27	10.1	18.1	30.2	44.4	59.2	72.4	81.4	82.7	70.5	58.8	67.6	77.4	84.8	88.9	89.1	85.1	77.2
-40	3.55	6.02	13.2	26.6	46.7	71.6	101	134	177	206	198	165	157	179	197	211	224	232	231
-30	3.55	6.70	16.6	36.2	65.9	106	162	255	352	391	392	364	318	284	316	345	364	368	357
-20	3.55	7.25	19.6	45.3	85.4	147	248	420	538	586	603	601	580	551	513	565	621	615	551
-10	3.55	7.61	21.9	52.7	103	184	348	577	708	779	831	867	893	913	951	1016	1098	1126	1110
0	3.55	7.76	23.0	56.8	114	210	419	697	855	960	1052	1134	1204	1255	1286	1301	1304	1303	1302
10	3.55	7.60	21.9	52.7	103	184	348	581	711	781	834	882	922	987	1080	1167	1215	1233	1231
20	3.55	7.23	19.7	45.5	85.4	147	248	423	547	592	607	614	616	612	645	758	821	835	789
30	3.55	6.67	16.6	36.4	66.1	106	162	256	362	406	401	372	326	319	361	398	426	432	416
40	3.55	5.96	13.3	26.8	47.1	71.7	101	133	178	214	219	184	173	198	218	234	246	250	247
50	3.55	5.19	10.0	18.3	30.6	45.0	59.3	72.1	80.8	82.3	72.6	65.4	83.5	98.3	110	120	125	126	122
60	3.55	4.59	7.20	11.7	17.6	25.0	32.2	37.8	40.4	38.6	33.4	36.5	39.3	41.6	44.0	45.6	46.3	46.0	45.0
70	3.55	4.12	5.24	7.02	9.41	12.1	14.6	16.8	18.3	18.4	19.3	21.0	22.5	23.7	24.6	25.2	25.6	25.6	25.4
80	3.55	3.76	4.04	4.41	4.91	5.44	5.91	6.39	6.67	6.73	7.26	7.80	8.45	9.05	9.30	9.45	9.50	9.48	9.42
90	3.55	3.50	3.45	3.40	3.35	3.30	3.25	3.19	3.14	3.09	3.09	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.11
100	3.55	3.32	3.18	3.08	3.02	3.01	2.99	2.97	2.95	2.93	2.94	2.96	2.98	2.99	2.99	2.99	2.99	2.99	2.98
110	3.55	3.22	3.11	3.14	3.16	3.20	3.22	3.24	3.26	3.26	3.29	3.32	3.35	3.36	3.36	3.35	3.33	3.30	3.26
120	3.55	3.17	3.18	3.26	3.35	3.44	3.53	3.62	3.69	3.74	3.78	3.85	3.90	3.94	3.95	3.95	3.92	3.88	3.82
130	3.55	3.15	3.26	3.40	3.56	3.73	3.91	4.06	4.21	4.33	4.42	4.51	4.64	4.77	4.89	5.00	5.07	5.11	5.09
140	3.55	3.18	3.34	3.55	3.79	4.05	4.30	4.56	4.79	4.99	5.18	5.35	5.58	5.87	6.15	6.42	6.63	6.79	6.87
150	3.55	3.21	3.41	3.69	4.01	4.35	4.71	5.06	5.40	5.72	6.04	6.33	6.61	6.92	7.36	7.77	8.15	8.45	8.66
160	3.55	3.23	3.48	3.82	4.21	4.63	5.08	5.53	5.98	6.42	6.83	7.24	7.64	8.02	8.31	8.81	9.43	10.1	10.6
170	3.55	3.25	3.53	3.91	4.37	4.86	5.39	5.93	6.47	6.98	7.48	7.97	8.51	9.04	9.50	9.86	10.1	11.2	12.1
180	3.55	3.26	3.56	3.97	4.47	5.01	5.61	6.21	6.81	7.38	7.91	8.46	9.12	9.81	10.5	11.1	11.6	12.0	12.1

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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	12.1	12.0	11.6	11.1	10.5	9.90	9.09	8.23	7.51	6.99	6.57	6.15	5.72	5.34	5.08	5.00	5.15	5.61	
-170	12.8	13.1	12.5	11.9	11.1	10.3	9.35	8.40	7.58	6.96	6.47	6.01	5.58	5.23	5.00	4.95	5.13	5.61	
-160	11.7	12.0	12.1	11.9	11.0	10.1	9.07	8.14	7.36	6.74	6.23	5.77	5.37	5.07	4.90	4.81	4.87	5.12	5.61
-150	9.76	10.0	10.1	10.1	9.85	9.13	8.26	7.48	6.83	6.29	5.82	5.43	5.11	4.90	4.81	4.87	5.12	5.61	
-140	7.46	7.70	7.82	7.80	7.68	7.48	7.07	6.52	6.05	5.64	5.30	5.02	4.83	4.73	4.73	4.86	5.14	5.61	
-130	5.22	5.46	5.64	5.74	5.78	5.74	5.63	5.41	5.14	4.92	4.75	4.63	4.58	4.59	4.68	4.87	5.17	5.61	
-120	3.99	4.17	4.31	4.41	4.47	4.48	4.46	4.40	4.34	4.31	4.31	4.34	4.40	4.52	4.68	4.91	5.21	5.61	
-110	3.42	3.51	3.60	3.66	3.72	3.76	3.80	3.82	3.87	3.97	4.09	4.22	4.37	4.54	4.75	4.99	5.27	5.61	
-100	3.31	3.37	3.43	3.49	3.55	3.61	3.68	3.74	3.81	3.97	4.14	4.31	4.49	4.69	4.89	5.11	5.35	5.61	
-90	3.75	3.80	3.85	3.90	3.95	4.00	4.06	4.11	4.16	4.32	4.48	4.64	4.80	4.96	5.13	5.29	5.45	5.61	
-80	6.71	6.69	6.62	6.49	6.31	6.13	5.92	5.71	5.50	5.49	5.47	5.45	5.45	5.44	5.46	5.51	5.56	5.61	
-70	21.7	21.6	21.1	20.3	19.1	17.6	15.7	13.8	12.4	11.4	9.94	8.58	7.41	6.63	6.13	5.83	5.68	5.61	
-60	45.1	44.5	43.2	41.4	38.9	36.2	33.0	29.8	29.4	26.9	22.4	17.5	13.1	9.53	7.36	6.32	5.82	5.61	
-50	80.9	80.8	78.1	72.7	66.1	59.2	52.1	54.5	58.4	54.3	45.6	34.6	23.5	15.4	9.65	7.02	5.99	5.61	
-40	227	215	199	181	160	134	129	136	120	102	81.6	60.0	39.9	23.5	13.1	7.87	6.18	5.61	
-30	362	351	326	293	259	285	319	330	288	196	136	94.5	60.2	34.1	17.5	8.91	6.36	5.61	
-20	629	638	565	489	508	526	539	530	494	374	217	137	82.5	45.2	21.6	10.0	6.52	5.61	
-10	1156	1163	1057	939	857	820	784	740	675	559	318	178	103	54.5	24.9	10.9	6.63	5.61	
0	1301	1298	1278	1234	1174	1107	1029	940	837	695	397	209	117	59.8	26.5	11.3	6.69	5.61	
10	1234	1231	1205	1127	1006	889	807	746	676	564	320	178	103	54.6	25.0	10.9	6.61	5.61	
20	868	902	886	780	654	585	558	531	501	384	219	137	82.5	45.5	21.8	10.0	6.48	5.61	
30	454	459	424	365	304	303	322	341	303	204	137	94.5	60.3	34.7	17.8	8.91	6.31	5.61	
40	248	241	224	197	175	152	153	156	127	103	81.5	60.1	40.6	24.2	13.3	7.82	6.10	5.61	
50	122	118	110	98.6	85.4	71.8	56.3	55.9	58.4	54.3	45.9	35.6	24.6	15.9	9.74	6.90	5.89	5.61	
60	45.2	44.8	43.7	42.0	39.4	36.6	33.5	30.1	30.2	28.4	24.1	18.8	13.7	9.70	7.25	6.14	5.72	5.61	
70	25.2	24.8	24.0	23.0	21.8	20.2	18.4	16.3	14.3	12.6	10.6	8.85	7.34	6.38	5.84	5.61	5.57	5.61	
80	9.21	8.96	8.64	8.23	7.73	6.93	6.13	5.52	5.00	4.89	4.83	4.82	4.89	4.97	5.10	5.26	5.44	5.61	
90	3.10	3.10	3.09	3.08	3.08	3.07	3.07	3.06	3.06	3.34	3.62	3.91	4.19	4.47	4.76	5.04	5.33	5.61	
100	3.04	3.09	3.14	3.18	3.22	3.25	3.27	3.29	3.30	3.47	3.65	3.85	4.07	4.31	4.58	4.89	5.23	5.61	
110	3.38	3.50	3.60	3.68	3.75	3.80	3.82	3.83	3.84	3.88	3.94	4.03	4.15	4.31	4.53	4.81	5.16	5.61	
120	4.02	4.20	4.35	4.46	4.54	4.59	4.60	4.57	4.49	4.42	4.36	4.33	4.34	4.40	4.54	4.77	5.12	5.61	
130	5.35	5.53	5.66	5.72	5.73	5.70	5.63	5.46	5.24	5.04	4.85	4.70	4.60	4.55	4.60	4.77	5.09	5.61	
140	7.18	7.39	7.50	7.49	7.39	7.21	6.85	6.40	6.01	5.67	5.37	5.10	4.88	4.73	4.69	4.79	5.08	5.61	
150	9.04	9.29	9.40	9.37	9.19	8.63	7.93	7.28	6.71	6.25	5.84	5.48	5.16	4.92	4.79	4.83	5.08	5.61	
160	10.9	11.1	11.1	10.9	10.3	9.54	8.71	7.92	7.23	6.67	6.22	5.79	5.41	5.10	4.90	4.88	5.10	5.61	
170	12.3	12.3	11.9	11.3	10.7	9.99	9.12	8.26	7.50	6.92	6.46	6.02	5.60	5.24	5.00	4.94	5.12	5.61	
180	12.1	12.0	11.6	11.1	10.5	9.90	9.09	8.23	7.51	6.99	6.57	6.15	5.72	5.34	5.08	5.00	5.15	5.61	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-31

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: