

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

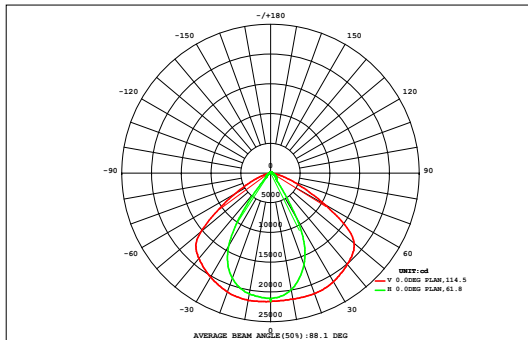
Maximum Intensity		617.4 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		10.0 degrees horizontal
Beam Spread	At 10% of Imax	80.5V x 143.6H
	At 50% of Imax	61.8V x 114.5H
	At 90% of Imax	29.5V x 81.3H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	913.4 lumens per klm.
	To 50% of Imax	789.6 lumens per klm.
	To 90% of Imax	347.0 lumens per klm.
	Upward LOR	2.1 %
	Downward LOR	97.9 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

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:218.36V I:0.9251A P:199.22W PF:0.9862 Freq:49.99Hz Lamp Flux:35195.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:176.67lm/W	
MODEL		Imax(cd)	21729
NOMINAL POWER(W)	200	AVAILABILITY(%)	91.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	32242
NOMINAL FLUX(lm)	35195.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	35196
TEST VOLTAGE(V)	220	θ @50% (H,V)	114,62DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.21	0.65	1.13	1.61	2.02	2.48	2.90	3.19	3.31	3.24	3.00	2.62	2.17	1.74	1.51	1.22	0.81	0.30	34.1	0.00
90	0.21	0.65	1.13	1.61	2.02	2.48	2.90	3.19	3.31	3.24	3.00	2.62	2.17	1.74	1.51	1.22	0.81	0.30	34.1	0.00
80	0.24	1.01	2.52	4.40	5.29	6.62	8.18	9.32	9.85	9.70	8.87	7.49	5.78	4.15	2.96	1.81	0.96	0.31	89.5	0.00
70	0.29	1.86	6.02	11.5	12.0	12.6	15.4	17.4	18.4	18.0	16.3	14.0	11.1	9.24	6.91	3.33	1.27	0.33	176	0.00
60	0.37	3.32	12.7	25.3	26.9	17.6	21.3	25.1	27.7	27.6	24.5	19.8	15.0	18.9	15.6	6.66	1.81	0.36	291	0.00
50	0.47	5.46	22.9	48.5	59.9	31.3	31.5	48.8	57.7	58.2	48.9	31.2	27.7	41.9	30.8	12.6	2.70	0.39	561	229
40	0.58	8.18	36.3	84.6	122	94.3	151	260	289	291	268	158	85.9	91.4	55.5	21.1	3.94	0.43	2022	1955
30	0.70	11.1	52.1	134	202	254	395	486	517	518	488	400	249	168	91.5	31.3	5.41	0.47	4005	3980
20	0.80	13.8	68.7	190	291	403	516	578	606	605	579	509	391	258	134	42.2	6.83	0.50	5194	5175
10	0.86	15.9	83.1	242	377	485	571	620	638	636	618	557	463	342	175	51.4	7.89	0.52	5884	5867
0	0.86	15.9	83.1	242	373	470	557	607	626	639	613	543	441	337	175	51.5	7.88	0.52	5783	5766
-10	0.80	13.8	68.8	191	285	356	469	533	561	569	540	453	324	252	135	42.4	6.82	0.50	4801	4782
-20	0.70	11.1	52.2	135	201	201	298	390	415	415	381	263	177	167	92.4	31.5	5.38	0.47	3238	3214
-30	0.58	8.15	36.3	85.1	123	85.5	74.2	145	150	142	122	57.8	76.2	92.4	56.8	21.1	3.90	0.43	1280	1131
-40	0.47	5.42	22.8	48.7	61.1	32.6	30.4	38.0	41.8	40.8	36.8	29.8	29.5	44.5	31.5	12.5	2.66	0.40	510	144
-50	0.37	3.27	12.6	25.3	27.3	18.9	22.5	26.0	28.3	28.3	25.9	22.4	18.2	20.2	15.5	6.51	1.78	0.36	304	0.00
-60	0.29	1.83	5.88	11.3	11.9	12.3	15.2	17.0	17.7	17.5	16.5	14.2	11.0	8.88	6.59	3.20	1.27	0.34	173	0.00
-70	0.25	1.02	2.45	4.15	4.83	5.89	7.07	7.77	7.85	7.67	7.24	6.28	4.99	3.75	2.81	1.81	1.00	0.32	77.2	0.00
-80	0.22	0.70	1.23	1.75	2.14	2.48	2.72	2.83	2.80	2.75	2.71	2.55	2.30	1.99	1.72	1.34	0.86	0.31	33.4	0.00
-90	0.22	0.70	1.23	1.75	2.14	2.48	2.72	2.83	2.80	2.75	2.71	2.55	2.30	1.99	1.72	1.34	0.86	0.31	33.4	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	9.06	122	571	1486	2188	2491	3188	3815	4019	4029	3801	3092	2335	1864	1032	344	63.2	7.25	34454	---
Φ a	0.00	37.8	483	1392	2078	2347	3000	3629	3824	3832	3613	2903	2193	1750	927	231	0.00	0.00	---	32242

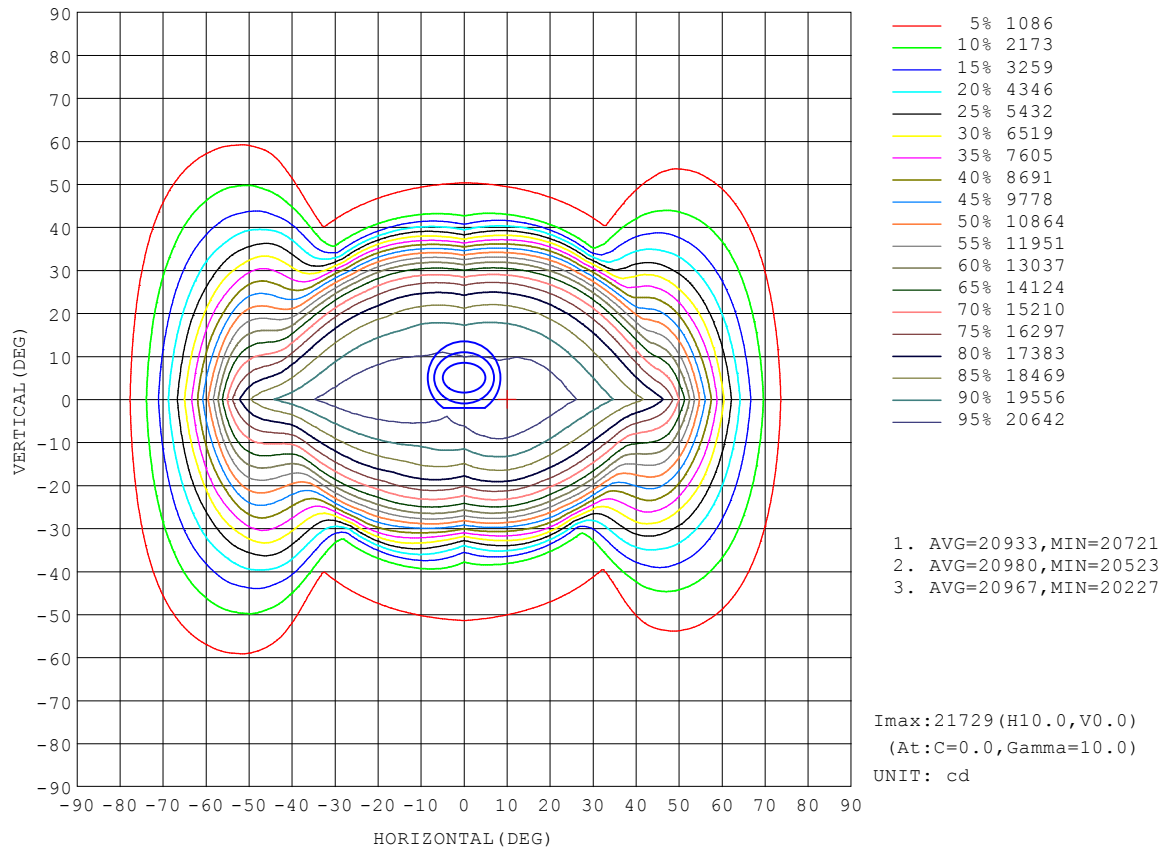
one-half-peak spread: U:28.3,D:29.7 , L:38.7,R:45.0 Beam Type: Type 7 x 5 (H x V)

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

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SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

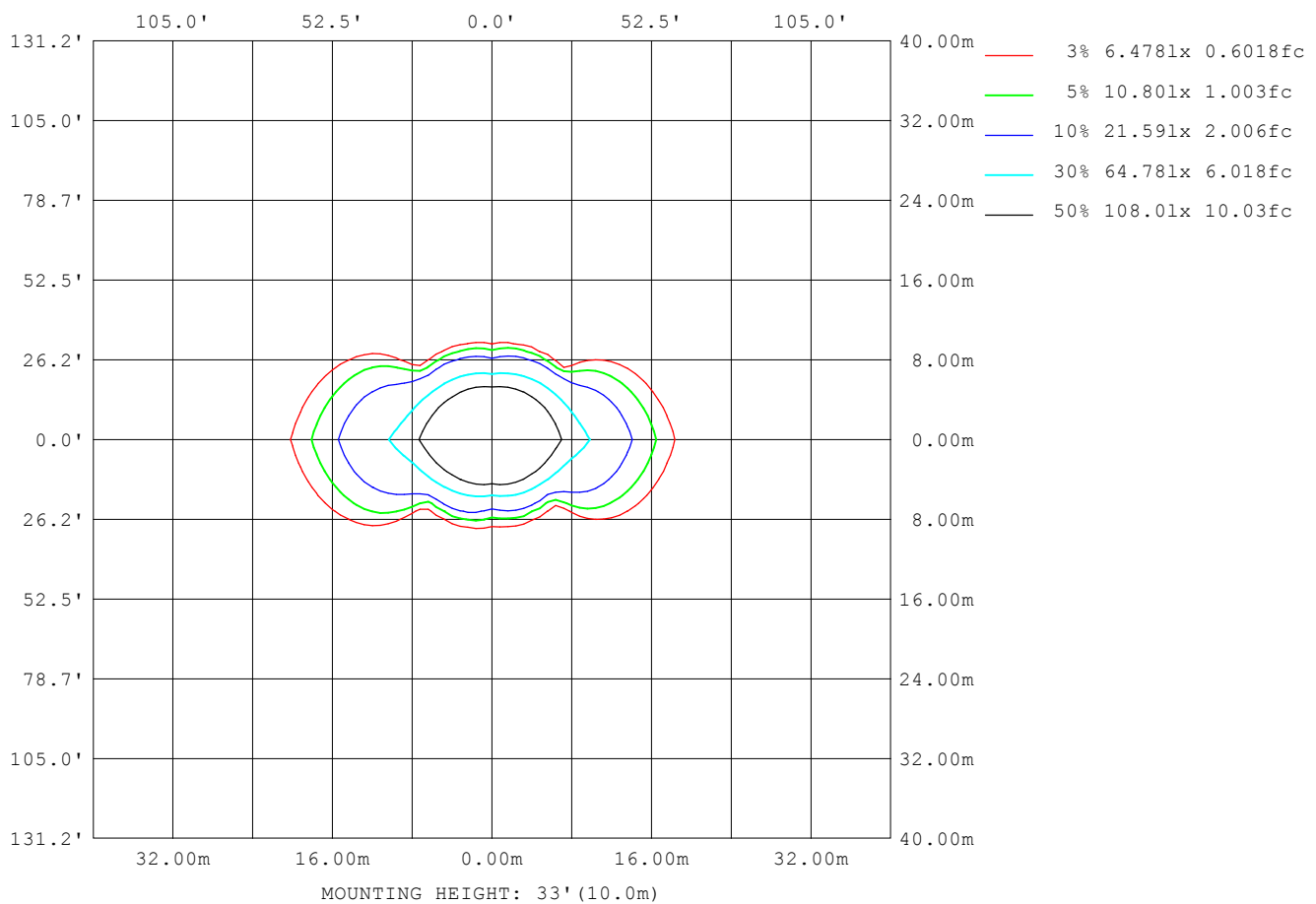


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ISOLUX DIAGRAM

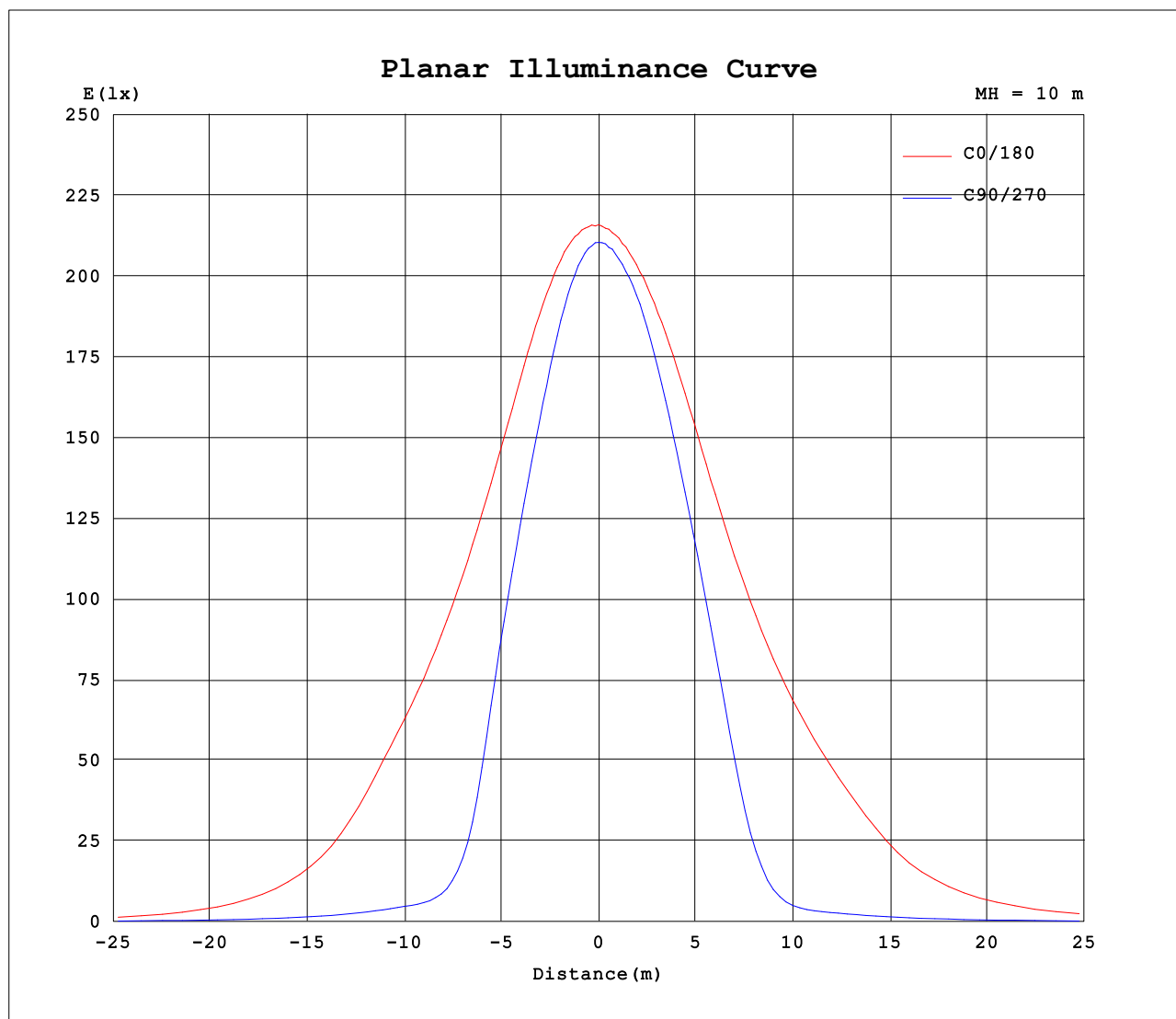
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Remarks:

Planar Illuminance Curve

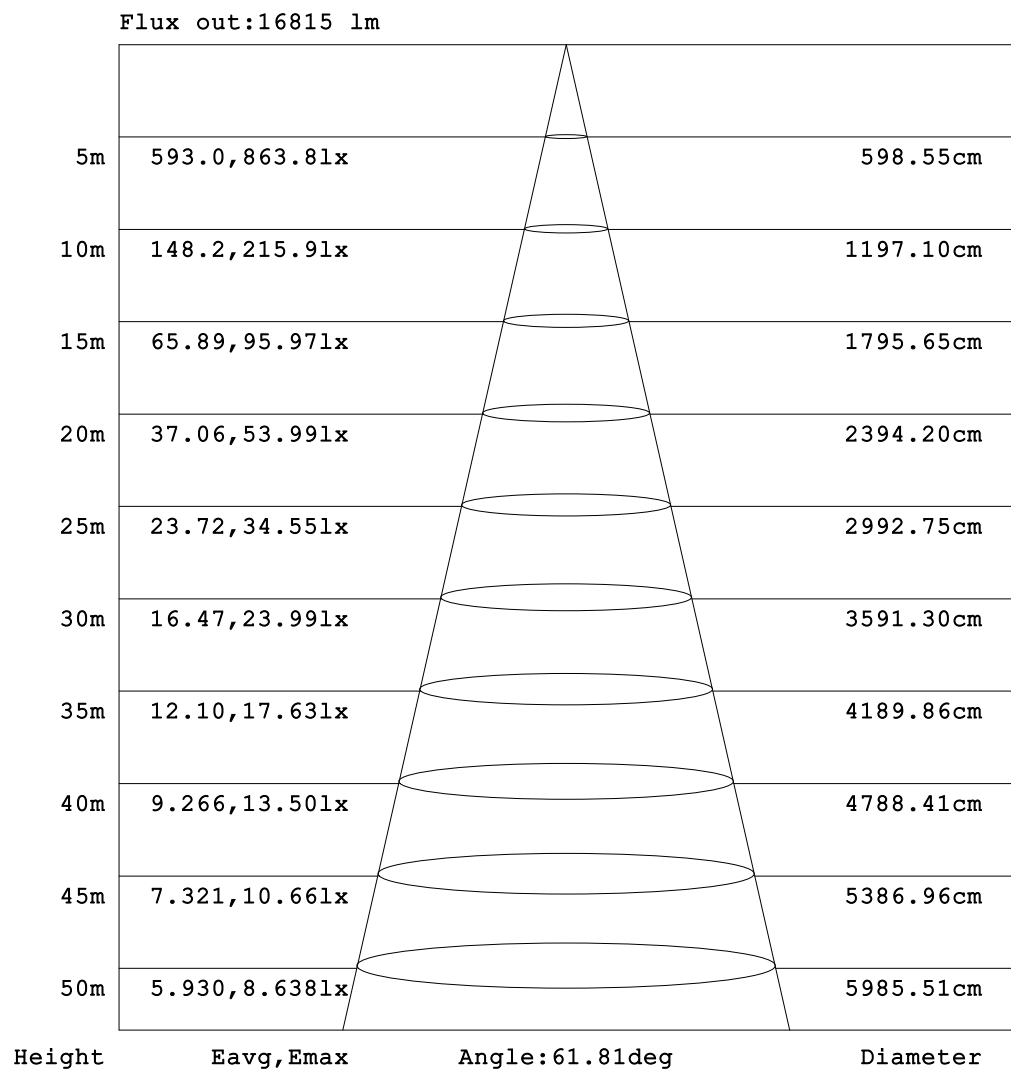


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AAI Figure

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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.

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 C Interval: 45.0DEG
 Test Speed: HIGH
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 Operators:Jason
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.36V I:0.9251A P:199.22W PF:0.9862 Freq:49.99Hz Lamp Flux:35195.6x1 lm		
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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	7.71	6.76	7.35	8.21	9.23	10.3	11.4	12.5	13.7	14.8	15.8	16.9	18.2	19.7	21.1	22.5	23.6	24.5	24.9
-170	7.71	6.77	7.32	8.10	9.04	10.0	11.0	12.1	13.1	14.2	15.1	16.1	17.2	18.5	19.9	21.2	22.2	23.8	25.0
-160	7.71	6.77	7.25	7.92	8.73	9.59	10.5	11.4	12.3	13.2	14.1	14.9	15.7	16.5	17.5	18.9	20.3	21.5	22.4
-150	7.71	6.76	7.16	7.68	8.33	9.04	9.76	10.5	11.2	11.9	12.6	13.3	13.9	14.5	15.3	16.2	17.1	17.9	18.5
-140	7.71	6.74	7.06	7.44	7.89	8.43	8.96	9.49	10.00	10.5	11.0	11.4	12.0	12.6	13.1	13.6	13.9	14.2	14.4
-130	7.71	6.73	6.96	7.22	7.49	7.80	8.16	8.49	8.81	9.09	9.36	9.64	9.96	10.3	10.5	10.8	10.9	11.0	11.0
-120	7.71	6.74	6.89	7.06	7.20	7.32	7.44	7.59	7.74	7.86	7.95	8.03	8.11	8.18	8.23	8.26	8.23	8.16	8.02
-110	7.71	6.88	6.86	6.98	7.06	7.12	7.12	7.10	7.05	6.98	6.94	6.90	6.84	6.75	6.64	6.51	6.36	6.19	6.01
-100	7.71	7.27	7.00	7.00	7.09	7.16	7.21	7.23	7.23	7.21	7.08	6.94	6.81	6.68	6.57	6.45	6.35	6.24	6.14
-90	7.71	7.76	7.81	7.86	7.91	7.96	8.01	8.06	8.11	8.16	8.04	7.92	7.80	7.67	7.55	7.43	7.31	7.18	7.06
-80	7.71	8.46	9.27	10.2	11.1	12.1	13.1	13.8	13.8	13.2	13.6	14.0	14.5	14.8	14.9	14.8	14.6	14.2	13.6
-70	7.71	9.34	11.8	16.1	21.8	28.8	34.5	38.8	39.4	34.4	32.7	35.4	37.6	39.2	40.5	41.2	41.4	41.2	40.3
-60	7.71	10.4	16.6	28.8	45.2	65.8	86.2	99.3	100	84.7	58.8	63.9	67.5	69.9	72.1	73.9	75.1	75.6	75.4
-50	7.71	11.7	23.9	48.1	85.2	131	174	204	215	193	133	83.5	87.4	92.9	99.0	105	110	114	116
-40	7.71	13.2	33.8	75.1	142	221	300	371	421	418	347	195	117	132	149	172	190	193	167
-30	7.71	15.0	43.8	106	208	332	471	620	744	769	673	523	403	588	850	941	974	962	882
-20	7.71	16.6	53.2	139	275	450	673	928	1129	1140	1070	1081	1323	1476	1570	1636	1676	1680	1639
-10	7.71	17.6	60.6	166	334	567	883	1260	1491	1536	1546	1694	1815	1892	1938	1967	1973	1994	1992
0	7.71	18.1	64.3	181	372	653	1045	1533	1833	1942	2006	2060	2108	2141	2155	2155	2151	2152	2159
10	7.71	17.6	60.6	166	334	567	882	1259	1491	1547	1662	1819	1927	1995	2036	2057	2065	2070	2063
20	7.71	16.6	53.4	139	275	449	671	925	1128	1142	1146	1371	1586	1721	1803	1860	1894	1901	1884
30	7.71	15.0	44.1	106	208	332	469	617	741	766	676	603	777	1056	1265	1381	1438	1448	1410
40	7.71	13.1	34.0	75.6	143	221	300	368	416	413	343	191	121	168	260	377	441	441	383
50	7.71	11.6	24.1	48.7	86.0	132	174	205	213	188	126	76.0	81.8	88.5	95.4	101	106	109	110
60	7.71	10.3	16.6	29.2	46.1	66.9	87.2	99.7	100	85.0	59.6	62.8	64.8	67.0	69.5	71.8	73.7	75.1	75.9
70	7.71	9.16	11.6	16.1	22.3	29.8	35.9	40.7	41.3	36.2	34.7	37.6	40.2	42.4	44.2	45.5	46.1	46.3	46.1
80	7.71	8.26	8.91	9.70	10.7	11.9	13.1	14.2	14.7	14.5	15.5	16.5	17.4	18.1	18.6	19.0	19.2	19.3	19.1
90	7.71	7.54	7.37	7.19	7.02	6.85	6.68	6.50	6.33	6.16	6.15	6.14	6.13	6.13	6.12	6.11	6.10	6.09	6.09
100	7.71	7.04	6.52	6.26	6.11	6.02	5.93	5.85	5.76	5.67	5.70	5.75	5.79	5.82	5.84	5.85	5.85	5.85	5.84
110	7.71	6.65	6.40	6.37	6.38	6.40	6.42	6.43	6.43	6.41	6.46	6.52	6.57	6.58	6.56	6.52	6.46	6.38	6.29
120	7.71	6.52	6.52	6.63	6.77	6.94	7.11	7.26	7.38	7.46	7.53	7.65	7.75	7.83	7.87	7.87	7.85	7.79	7.69
130	7.71	6.54	6.68	6.93	7.24	7.58	7.92	8.22	8.47	8.66	8.78	8.94	9.19	9.44	9.66	9.86	9.99	10.1	10.0
140	7.71	6.59	6.85	7.25	7.74	8.26	8.76	9.22	9.61	9.95	10.2	10.4	10.8	11.3	11.8	12.2	12.6	12.8	13.0
150	7.71	6.64	7.02	7.56	8.22	8.92	9.58	10.2	10.8	11.3	11.8	12.3	12.6	13.1	14.0	14.9	15.8	16.5	17.1
160	7.71	6.69	7.16	7.85	8.66	9.50	10.3	11.1	11.9	12.7	13.4	14.1	14.8	15.4	15.9	17.0	18.4	19.7	20.7
170	7.71	6.73	7.28	8.07	9.00	9.97	11.0	11.9	12.9	13.9	14.8	15.7	16.7	17.7	18.7	19.6	20.3	22.2	23.6
180	7.71	6.76	7.35	8.21	9.23	10.3	11.4	12.5	13.7	14.8	15.8	16.9	18.2	19.7	21.1	22.5	23.6	24.5	24.7

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NAME:									TYPE:					WEIGHT:				
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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	24.6	24.2	23.3	22.2	21.0	19.7	18.1	16.4	15.0	14.0	13.2	12.5	11.7	11.0	10.4	10.3	10.7	11.9	
-170	25.3	25.3	24.2	23.1	21.8	20.4	18.8	17.0	15.3	14.1	13.1	12.3	11.4	10.7	10.2	10.2	10.7	11.9	
-160	22.9	23.1	23.2	22.9	21.7	20.3	18.5	16.6	15.0	13.8	12.8	11.9	11.1	10.4	10.0	10.1	10.7	11.9	
-150	19.2	19.7	20.1	20.3	20.3	18.9	17.0	15.4	14.1	13.0	12.0	11.2	10.5	10.0	9.80	9.99	10.7	11.9	
-140	15.2	15.8	16.2	16.2	16.0	15.6	14.8	13.6	12.7	11.8	11.0	10.4	9.90	9.61	9.61	9.97	10.7	11.9	
-130	11.5	12.0	12.2	12.4	12.4	12.3	12.0	11.5	10.9	10.3	9.84	9.47	9.26	9.26	9.51	9.99	10.8	11.9	
-120	8.45	8.80	9.07	9.24	9.36	9.37	9.34	9.22	8.99	8.79	8.68	8.67	8.81	9.10	9.53	10.1	10.9	11.9	
-110	6.31	6.59	6.84	7.05	7.20	7.34	7.42	7.45	7.53	7.74	8.03	8.35	8.74	9.19	9.71	10.3	11.0	11.9	
-100	6.27	6.40	6.53	6.67	6.80	6.94	7.07	7.21	7.38	7.77	8.18	8.61	9.07	9.55	10.1	10.6	11.2	11.9	
-90	7.18	7.29	7.41	7.52	7.64	7.75	7.86	7.98	8.09	8.52	8.94	9.36	9.78	10.2	10.6	11.0	11.5	11.9	
-80	13.7	13.8	13.7	13.4	13.1	12.6	12.0	11.6	11.2	11.5	11.6	11.6	11.7	11.6	11.6	11.6	11.7	11.9	
-70	40.5	40.0	39.0	37.5	35.6	33.1	30.4	27.5	26.1	25.6	23.3	20.2	17.4	15.4	13.8	12.7	12.0	11.9	
-60	75.4	74.6	73.1	71.1	68.5	64.1	58.4	52.6	62.9	65.2	57.7	45.8	33.6	23.8	17.7	14.4	12.5	11.9	
-50	113	109	104	98.1	92.6	87.9	83.4	111	142	145	128	100	67.3	41.3	24.7	16.7	13.2	11.9	
-40	174	165	153	140	127	113	172	269	305	289	243	185	123	69.0	35.3	19.5	13.8	11.9	
-30	950	943	876	726	402	335	481	594	600	525	414	298	195	107	49.0	22.8	14.4	11.9	
-20	1693	1693	1641	1540	1398	1183	943	984	1000	851	640	436	274	148	63.5	26.3	14.9	11.9	
-10	2039	2045	2001	1933	1844	1727	1560	1427	1397	1210	874	575	346	183	76.0	29.0	15.3	11.9	
0	2168	2173	2159	2128	2077	2020	1952	1877	1775	1520	1066	679	397	204	82.7	30.3	15.5	11.9	
10	2063	2057	2056	2019	1956	1871	1753	1577	1407	1210	873	573	345	183	76.2	29.1	15.3	11.9	
20	1904	1898	1867	1808	1713	1574	1349	1065	1004	850	636	432	273	148	63.8	26.4	14.9	11.9	
30	1450	1443	1393	1292	1110	813	549	600	600	519	406	294	194	107	49.4	23.0	14.3	11.9	
40	450	459	404	259	161	121	173	264	295	278	236	183	124	69.8	35.8	19.6	13.7	11.9	
50	109	107	102	95.5	87.3	78.2	68.7	94.5	129	139	127	101	68.4	42.1	25.1	16.7	13.0	11.9	
60	73.7	70.8	67.1	63.1	59.1	56.0	53.3	49.8	62.7	66.6	59.2	47.3	34.8	24.6	17.9	14.2	12.4	11.9	
70	45.7	45.0	43.8	42.1	39.8	37.0	33.9	30.6	28.5	27.8	25.0	21.4	17.9	15.4	13.5	12.4	11.8	11.9	
80	18.8	18.3	17.7	16.9	15.9	14.9	13.8	12.6	11.5	11.3	11.1	11.0	10.9	10.9	11.0	11.2	11.5	11.9	
90	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.73	7.38	8.02	8.67	9.31	9.96	10.6	11.2	11.9	
100	5.96	6.06	6.16	6.25	6.32	6.38	6.43	6.45	6.48	6.87	7.29	7.75	8.26	8.83	9.47	10.2	11.0	11.9	
110	6.56	6.82	7.05	7.24	7.41	7.52	7.59	7.61	7.63	7.75	7.90	8.11	8.39	8.78	9.31	9.98	10.8	11.9	
120	8.08	8.43	8.71	8.93	9.10	9.20	9.23	9.19	9.05	8.91	8.80	8.75	8.78	8.95	9.29	9.86	10.7	11.9	
130	10.6	11.0	11.3	11.5	11.5	11.4	11.3	10.9	10.6	10.2	9.84	9.55	9.34	9.26	9.40	9.82	10.6	11.9	
140	13.7	14.3	14.7	14.9	14.9	14.5	13.7	12.8	12.0	11.4	10.9	10.4	9.95	9.66	9.58	9.85	10.6	11.9	
150	17.8	18.1	18.3	18.3	18.2	17.3	16.0	14.7	13.5	12.5	11.8	11.1	10.5	10.1	9.81	9.92	10.6	11.9	
160	21.2	21.4	21.4	21.1	20.1	18.8	17.4	15.9	14.6	13.4	12.5	11.7	11.0	10.4	10.0	10.0	10.6	11.9	
170	23.9	23.8	23.0	22.0	20.9	19.7	18.1	16.5	15.1	13.9	13.0	12.2	11.4	10.7	10.3	10.2	10.7	11.9	
180	24.6	24.2	23.3	22.2	21.0	19.7	18.1	16.4	15.0	14.0	13.2	12.5	11.7	11.0	10.4	10.3	10.7	11.9	

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: