

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	764.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-6.0 degrees horizontal

Beam Spread	At 10% of Imax	93.5V x 132.9H
	At 50% of Imax	40.4V x 106.4H
	At 90% of Imax	19.8V x 57.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	909.8 lumens per klm.
	To 50% of Imax	641.3 lumens per klm.
	To 90% of Imax	223.8 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.9 %

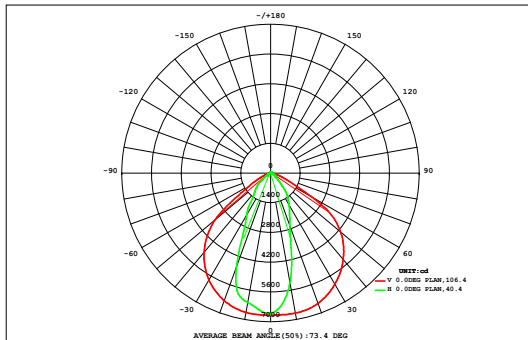
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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:218.59V I:0.2379A P:50.536W PF:0.9716 Freq:49.99Hz Lamp Flux:8759.56x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:173.33lm/W	
MODEL		Imax (cd)	6699
NOMINAL POWER(W)	50	AVAILABILITY(%)	91.0
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	7970
NOMINAL FLUX(lm)	8759.56	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	8760
TEST VOLTAGE (V)	220	θ @50% (H,V)	106,40DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.05	0.16	0.28	0.41	0.52	0.62	0.71	0.77	0.79	0.77	0.70	0.62	0.51	0.41	0.36	0.29	0.19	0.07	8.23	0.00
90	0.05	0.16	0.28	0.41	0.52	0.62	0.71	0.77	0.79	0.77	0.70	0.62	0.51	0.41	0.36	0.29	0.19	0.07	8.23	0.00
80	0.06	0.24	0.57	0.97	1.26	1.64	1.98	2.16	2.15	2.07	1.92	1.62	1.22	0.85	0.60	0.38	0.22	0.07	20.0	0.00
70	0.07	0.41	1.21	2.34	2.94	3.46	4.25	4.78	4.90	4.78	4.45	3.77	2.89	2.09	1.33	0.63	0.26	0.08	44.6	0.00
60	0.09	0.67	2.34	4.77	6.06	6.26	8.94	10.7	10.7	10.2	9.38	7.35	5.11	4.25	2.82	1.18	0.35	0.08	91.2	0.00
50	0.11	1.03	3.98	9.06	15.5	15.8	20.0	25.5	28.1	27.4	23.5	17.3	11.9	9.05	5.31	2.07	0.49	0.09	216	136
40	0.13	1.46	6.17	17.8	33.6	33.7	37.2	48.8	52.3	51.8	46.5	33.2	28.1	21.4	9.47	3.28	0.68	0.09	426	405
30	0.15	1.92	8.94	31.2	53.3	63.2	72.3	100	106	107	103	70.1	56.3	41.3	16.2	4.79	0.89	0.10	836	823
	0.17	2.33	12.1	44.8	74.3	96.6	128	164	175	175	166	128	89.7	62.5	25.2	6.37	1.08	0.10	1351	1341
	0.18	2.63	14.9	56.3	95.0	128	163	188	195	195	186	160	121	82.3	33.7	7.67	1.22	0.11	1632	1624
	0.18	2.63	14.9	56.1	94.7	126	150	172	185	189	174	146	118	82.0	33.6	7.67	1.21	0.11	1555	1546
	0.17	2.32	12.1	44.2	73.6	91.6	99.4	110	123	127	115	95.5	84.3	61.9	24.9	6.36	1.07	0.10	1073	1063
	0.15	1.90	8.91	30.6	51.9	59.5	55.2	62.4	68.6	68.9	60.4	50.2	52.8	39.9	15.9	4.76	0.87	0.10	633	620
-30	0.13	1.44	6.12	17.5	31.3	31.7	31.5	39.6	43.5	42.6	36.8	27.8	25.8	19.8	9.40	3.23	0.66	0.09	369	346
-40	0.11	1.01	3.90	8.96	14.4	12.0	15.9	19.8	20.4	19.6	17.8	13.2	9.30	8.70	5.25	1.99	0.48	0.09	173	68.2
-50	0.09	0.66	2.24	4.61	5.88	5.55	7.18	8.39	8.44	8.16	7.74	6.49	4.88	4.12	2.66	1.12	0.35	0.08	78.6	0.00
-60	0.07	0.40	1.15	2.14	2.61	3.12	3.84	4.27	4.32	4.22	3.97	3.38	2.55	1.81	1.21	0.61	0.27	0.08	40.0	0.00
-70	0.06	0.24	0.55	0.90	1.07	1.32	1.58	1.70	1.67	1.60	1.51	1.31	1.04	0.78	0.59	0.39	0.23	0.07	16.6	0.00
-80	0.05	0.17	0.30	0.43	0.53	0.61	0.66	0.68	0.67	0.65	0.65	0.61	0.56	0.49	0.42	0.32	0.21	0.07	8.06	0.00
-90	0.05	0.16	0.28	0.41	0.52	0.62	0.71	0.77	0.79	0.77	0.70	0.62	0.51	0.41	0.36	0.29	0.19	0.07	8.23	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	2.00	21.6	101	333	558	681	802	965	1031	1036	960	767	616	444	189	53.1	10.7	1.57	8571	---
Φ a	0.00	0.00	61.3	299	526	641	757	920	988	994	916	722	576	408	150	11.5	0.00	0.00	---	7970

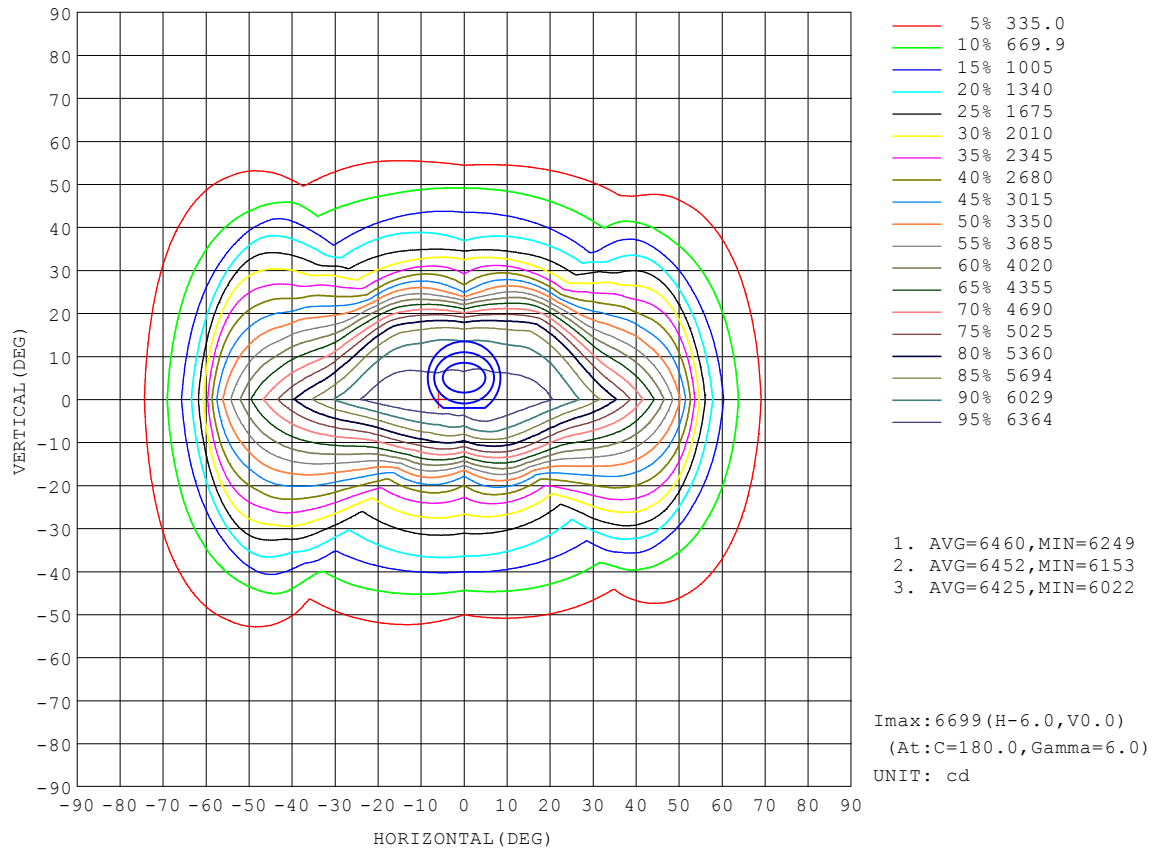
one-half-peak spread: U:16.6,D:23.9 , L:45.3,R:41.1, Beam Type: Type 7 x 5 (H x V)

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

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

Test:U:218.59V I:0.2379A P:50.536W PF:0.9716 Freq:49.99Hz Lamp Flux:8759.56x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

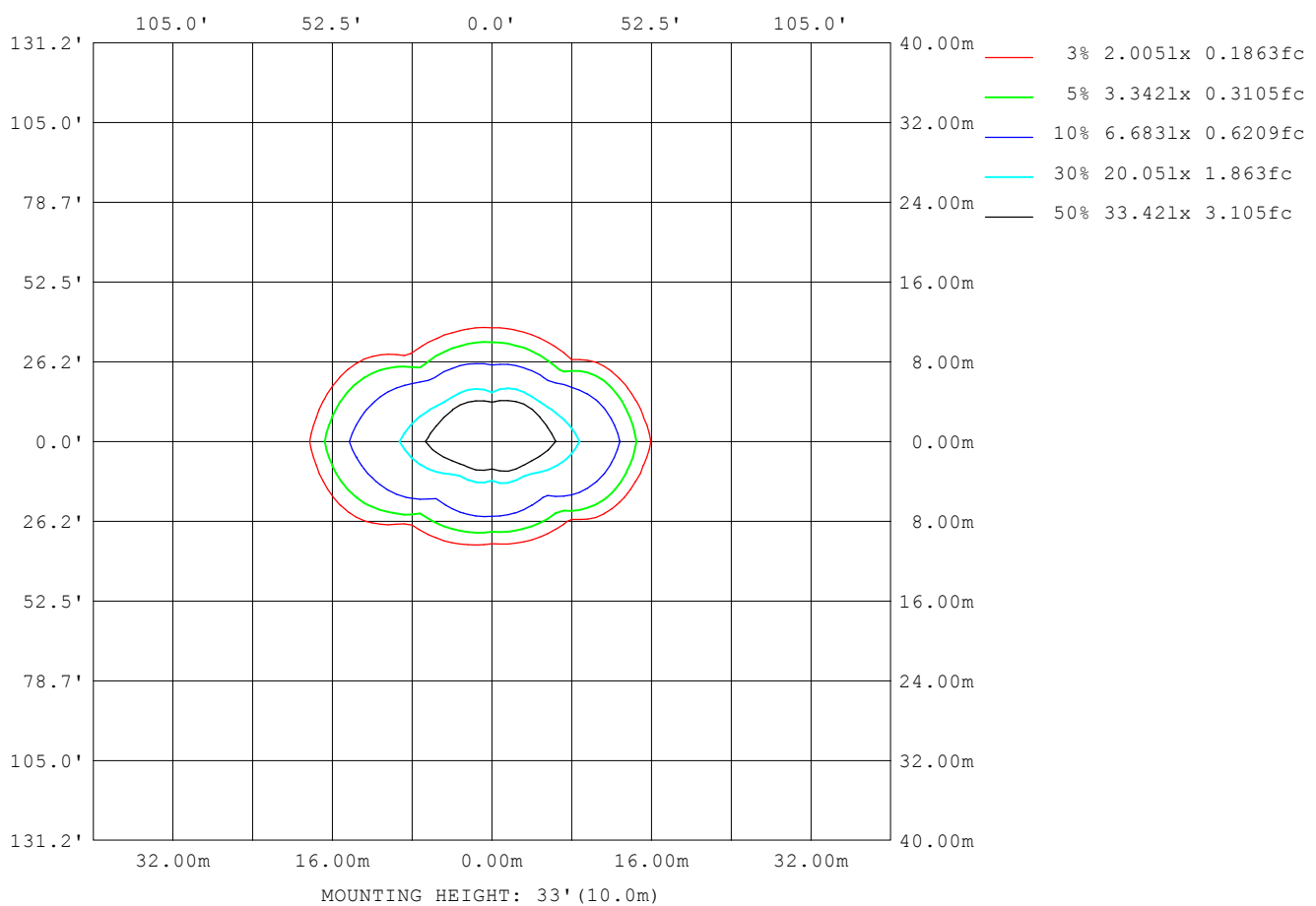


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Remarks:

ISOLUX DIAGRAM

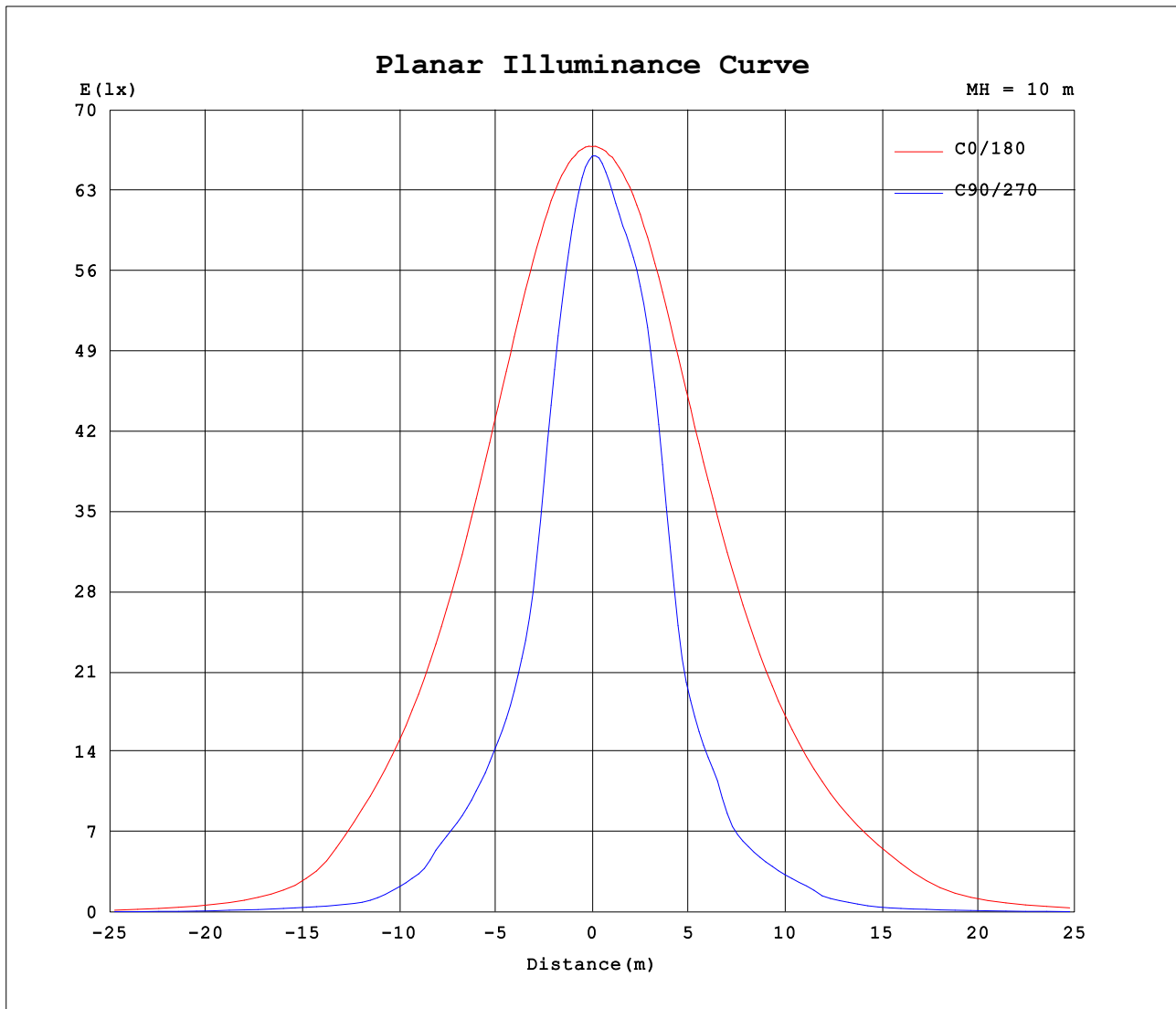
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Test Distance: 9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

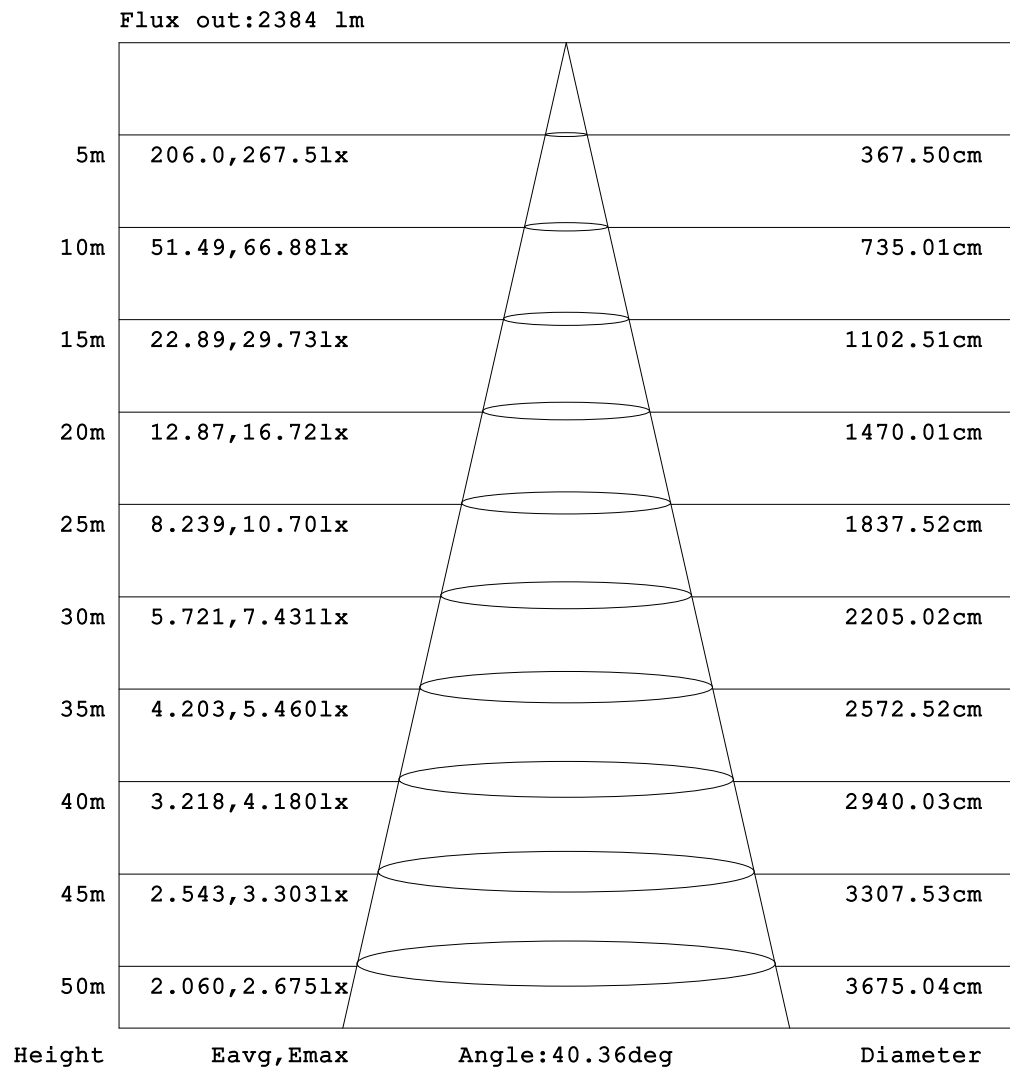


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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.59V I:0.2379A P:50.536W PF:0.9716 Freq:49.99Hz Lamp Flux:8759.56x1 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.

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 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:218.59V I:0.2379A P:50.536W PF:0.9716 Freq:49.99Hz Lamp Flux:8759.56x1 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	17.8	16.3	17.8	19.9	22.4	25.1	28.2	31.3	34.4	37.3	40.1	42.9	46.2	49.6	53.0	56.0	58.4	60.5	61.6
-170	17.8	16.4	17.8	19.7	21.9	24.5	27.3	30.1	33.0	35.8	38.6	41.4	44.5	47.6	50.6	53.7	56.9	61.6	64.9
-160	17.8	16.4	17.7	19.3	21.3	23.4	25.7	28.2	30.7	33.3	35.8	38.4	41.1	43.6	45.9	49.2	52.9	56.6	59.6
-150	17.8	16.4	17.5	18.8	20.4	22.1	23.9	25.9	27.9	29.8	31.9	34.0	36.1	38.2	40.7	43.2	45.6	47.8	49.3
-140	17.8	16.4	17.3	18.3	19.4	20.7	21.9	23.3	24.7	26.0	27.3	28.6	30.1	31.8	33.4	34.9	36.1	36.9	37.2
-130	17.8	16.3	17.1	17.8	18.6	19.3	20.1	20.9	21.6	22.3	23.1	23.7	24.4	24.9	25.4	25.9	26.2	26.3	26.0
-120	17.8	16.4	16.9	17.5	17.9	18.4	18.7	19.0	19.3	19.5	19.6	19.9	20.1	20.2	20.2	20.1	19.9	19.6	19.1
-110	17.8	16.6	16.8	17.3	17.6	17.9	18.1	18.1	18.2	18.1	18.0	17.9	17.7	17.6	17.4	17.2	17.0	16.7	16.4
-100	17.8	17.2	17.1	17.3	17.6	18.0	18.2	18.5	18.6	18.7	18.4	18.0	17.7	17.4	17.1	16.8	16.6	16.3	16.1
-90	17.8	18.1	18.5	18.8	19.2	19.5	19.9	20.2	20.6	21.0	20.6	20.3	20.0	19.7	19.4	19.1	18.8	18.5	18.2
-80	17.8	19.5	21.6	23.9	26.7	29.4	31.2	32.6	32.7	31.3	31.9	32.5	33.0	33.0	32.8	32.3	31.4	30.3	28.9
-70	17.8	21.6	28.0	37.4	49.4	60.9	70.8	77.6	79.5	74.3	75.0	82.0	87.7	91.6	93.3	93.4	91.8	88.6	84.0
-60	17.8	24.0	38.6	62.2	90.1	123	155	182	194	184	158	171	182	191	198	205	208	208	204
-50	17.8	27.3	53.8	95.8	155	227	301	366	409	413	347	278	316	357	385	396	395	375	335
-40	17.8	31.8	71.3	139	242	371	518	686	913	1064	960	742	759	862	933	984	1014	1039	1017
-30	17.8	35.7	88.9	189	344	549	834	1333	1813	1923	1955	1824	1582	1416	1565	1691	1778	1803	1757
-20	17.8	38.8	105	237	449	757	1276	2222	2681	2943	3038	3027	2906	2717	2479	2664	2939	2948	2673
-10	17.8	40.9	118	277	542	953	1823	2968	3535	3934	4194	4366	4467	4526	4657	4956	5198	5377	5268
0	17.8	41.8	124	300	601	1092	2222	3559	4301	4863	5323	5718	6051	6322	6526	6647	6688	6685	6683
10	17.8	40.9	118	278	543	953	1827	2994	3566	3943	4268	4521	4863	5440	5945	6170	6187	6217	6193
20	17.8	38.8	106	239	451	758	1280	2261	2748	2975	3074	3218	3280	3550	4207	4744	4913	4910	4711
30	17.8	35.7	89.5	191	348	552	837	1348	1896	2033	2008	1855	1823	1786	2024	2307	2497	2470	2249
40	17.8	31.8	71.9	141	248	376	522	690	932	1164	1115	912	853	957	1078	1215	1259	1233	1169
50	17.8	27.2	54.2	97.3	160	236	309	371	414	424	376	375	452	504	543	562	570	566	541
60	17.8	23.8	38.8	63.3	92.7	130	166	195	206	194	166	180	194	207	215	220	222	217	209
70	17.8	21.2	27.8	37.8	50.7	63.2	74.9	85.3	91.6	90.6	94.3	101	105	109	111	112	112	109	106
80	17.8	19.1	21.0	23.2	26.3	29.5	32.0	34.1	35.1	34.6	36.3	38.0	39.5	40.7	41.6	42.0	42.0	41.5	40.8
90	17.8	17.6	17.5	17.3	17.2	17.0	16.9	16.8	16.6	16.5	16.4	16.4	16.3	16.2	16.2	16.1	16.1	16.0	16.0
100	17.8	16.6	15.9	15.5	15.3	15.1	14.9	14.8	14.7	14.6	14.7	14.8	14.9	15.0	15.0	15.0	15.1	15.1	15.1
110	17.8	16.0	15.7	15.7	15.8	16.0	16.1	16.2	16.3	16.3	16.4	16.6	16.7	16.8	16.8	16.7	16.6	16.5	16.3
120	17.8	15.8	15.9	16.3	16.7	17.2	17.7	18.1	18.4	18.7	18.9	19.2	19.5	19.6	19.7	19.6	19.5	19.2	18.9
130	17.8	15.9	16.3	17.0	17.8	18.7	19.5	20.3	21.0	21.6	22.1	22.5	23.1	23.7	24.2	24.6	24.9	25.0	24.9
140	17.8	16.0	16.7	17.8	18.9	20.3	21.6	22.8	24.0	25.0	25.9	26.6	27.7	29.1	30.5	31.9	33.0	33.8	34.2
150	17.8	16.1	17.1	18.5	20.1	21.8	23.6	25.4	27.1	28.7	30.2	31.6	32.9	34.4	36.6	38.7	40.7	42.2	43.3
160	17.8	16.2	17.4	19.1	21.1	23.2	25.5	27.8	30.1	32.2	34.2	36.3	38.2	40.1	41.6	44.2	47.4	50.8	53.6
170	17.8	16.3	17.7	19.6	21.9	24.4	27.1	29.9	32.6	35.2	37.7	40.2	42.9	45.5	47.8	49.7	51.0	56.7	62.5
180	17.8	16.3	17.8	19.9	22.4	25.1	28.2	31.3	34.4	37.3	40.1	42.9	46.2	49.6	53.0	56.0	58.4	60.5	61.3

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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	61.4	60.4	58.7	56.1	53.1	49.8	45.7	41.5	37.9	35.3	33.1	31.0	28.8	26.9	25.6	25.2	26.0	28.2	
-170	65.3	65.6	63.0	59.9	56.4	52.5	47.7	42.9	38.7	35.5	32.9	30.5	28.3	26.4	25.2	25.0	25.9	28.2	
-160	60.7	61.3	61.6	60.9	56.8	52.0	46.9	42.1	37.9	34.6	31.9	29.4	27.3	25.7	24.8	24.8	25.8	28.2	
-150	51.2	52.3	52.8	52.6	51.6	48.0	43.3	39.1	35.5	32.5	30.0	27.8	26.1	24.9	24.3	24.6	25.8	28.2	
-140	39.2	40.6	41.3	41.4	40.8	39.6	37.3	34.3	31.6	29.4	27.4	25.8	24.7	24.0	23.9	24.5	25.9	28.2	
-130	27.7	28.9	29.7	30.2	30.4	30.3	29.9	28.6	27.1	25.7	24.6	23.8	23.3	23.2	23.7	24.5	26.0	28.2	
-120	20.3	21.4	22.3	22.9	23.3	23.5	23.5	23.3	22.8	22.4	22.2	22.1	22.3	22.8	23.6	24.7	26.2	28.2	
-110	17.1	17.7	18.2	18.7	19.1	19.4	19.6	19.7	19.9	20.3	20.8	21.4	22.1	22.9	23.9	25.1	26.5	28.2	
-100	16.4	16.8	17.1	17.5	17.8	18.2	18.5	18.9	19.2	20.0	20.8	21.7	22.6	23.6	24.6	25.7	26.9	28.2	
-90	18.4	18.7	19.0	19.3	19.6	19.9	20.1	20.4	20.7	21.5	22.4	23.2	24.0	24.9	25.7	26.5	27.4	28.2	
-80	29.1	29.2	29.0	28.7	28.1	27.5	26.8	26.1	25.5	25.9	26.3	26.5	26.8	27.0	27.3	27.6	27.9	28.2	
-70	85.4	85.3	83.6	80.4	75.7	69.8	63.0	56.0	52.0	50.0	45.3	40.2	35.5	32.3	30.2	29.1	28.6	28.2	
-60	204	201	194	186	174	161	147	130	130	119	100	80.6	61.7	45.9	36.1	31.3	29.2	28.2	
-50	353	358	349	332	306	278	245	259	279	258	213	161	110	73.5	47.0	34.7	29.9	28.2	
-40	1012	962	909	837	742	597	578	643	584	500	398	288	190	113	63.7	39.0	30.8	28.2	
-30	1771	1712	1583	1419	1250	1400	1576	1586	1380	962	676	464	290	166	85.1	44.1	31.7	28.2	
-20	3042	3076	2711	2378	2541	2675	2752	2673	2414	1817	1065	679	404	220	106	49.5	32.4	28.2	
-10	5544	5502	5169	4718	4390	4246	4067	3802	3387	2715	1554	889	512	266	123	53.9	32.9	28.2	
0	6684	6661	6562	6390	6141	5816	5397	4881	4246	3403	1920	1045	582	292	132	56.0	33.3	28.2	
10	6216	6155	6126	5926	5431	4736	4240	3865	3396	2745	1569	890	512	267	124	54.0	32.9	28.2	
20	4922	4964	4872	4386	3574	3096	2923	2702	2460	1871	1079	680	406	223	107	49.7	32.3	28.2	
30	2497	2540	2296	1933	1618	1608	1603	1663	1475	1003	679	466	293	170	86.2	44.2	31.4	28.2	
40	1199	1191	1131	972	838	724	733	754	624	504	400	291	196	116	64.4	39.0	30.5	28.2	
50	547	532	507	470	414	347	266	265	283	262	219	170	116	75.3	47.5	34.5	29.5	28.2	
60	210	208	203	196	185	171	155	138	140	132	112	86.5	63.9	46.7	36.1	30.7	28.7	28.2	
70	106	105	103	99.1	94.6	87.6	78.6	68.4	60.1	54.6	47.7	41.6	36.0	31.9	29.3	28.1	28.0	28.2	
80	39.9	38.8	37.3	35.6	33.7	31.6	29.4	27.1	25.0	24.8	24.6	24.5	24.7	25.1	25.7	26.5	27.3	28.2	
90	15.9	15.8	15.8	15.7	15.6	15.6	15.5	15.5	15.4	16.8	18.2	19.7	21.1	22.5	23.9	25.4	26.8	28.2	
100	15.3	15.6	15.8	16.1	16.2	16.4	16.5	16.6	16.7	17.5	18.4	19.4	20.5	21.8	23.1	24.6	26.4	28.2	
110	16.9	17.5	18.0	18.4	18.8	19.1	19.2	19.3	19.3	19.6	19.9	20.3	21.0	21.8	22.8	24.3	26.0	28.2	
120	19.9	20.8	21.6	22.2	22.7	22.9	23.0	22.8	22.5	22.2	22.0	21.8	21.9	22.2	22.9	24.1	25.8	28.2	
130	26.2	27.3	28.0	28.4	28.6	28.5	28.1	27.3	26.2	25.2	24.4	23.7	23.2	22.9	23.2	24.1	25.7	28.2	
140	35.9	37.0	37.6	37.5	37.0	36.1	34.4	32.1	30.1	28.4	27.0	25.6	24.6	23.8	23.6	24.2	25.6	28.2	
150	45.5	47.0	47.6	47.5	46.6	43.5	39.9	36.6	33.7	31.4	29.3	27.5	26.0	24.8	24.1	24.4	25.6	28.2	
160	55.7	56.8	57.3	56.4	52.5	48.3	44.0	39.9	36.4	33.6	31.3	29.1	27.2	25.7	24.7	24.6	25.7	28.2	
170	63.9	64.5	61.4	58.0	54.4	50.5	46.0	41.6	37.8	34.9	32.5	30.3	28.2	26.4	25.2	24.9	25.8	28.2	
180	61.4	60.4	58.7	56.1	53.1	49.8	45.7	41.5	37.9	35.3	33.1	31.0	28.8	26.9	25.6	25.2	26.0	28.2	

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: