

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	751.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-2.0 degrees horizontal

Beam Spread	At 10% of Imax	117.8V x 117.8H
	At 50% of Imax	62.8V x 62.8H
	At 90% of Imax	23.8V x 23.9H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	894.2 lumens per klm.
	To 50% of Imax	497.3 lumens per klm.
	To 90% of Imax	93.5 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

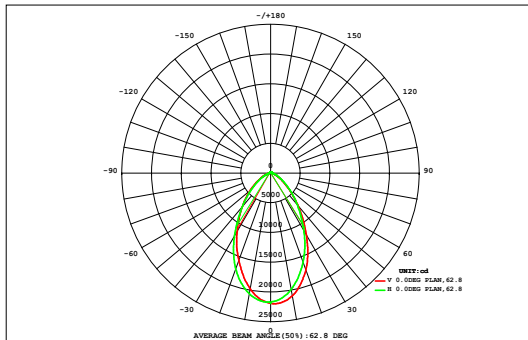
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.46V I:0.9378A P:201.37W PF:0.9829 Freq:49.99Hz Lamp Flux:29255.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:145.28lm/W	
MODEL	FL01	Imax(cd)	21976
NOMINAL POWER(W)	200W	AVAILABILITY(%)	89.6
RATED VOLTAGE(V)		Avai. FLUX(lm)	26209
NOMINAL FLUX(lm)	29255.9	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	29256
TEST VOLTAGE(V)	220	θ @50% (H,V)	63,63DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.14	0.43	0.76	1.17	1.68	2.34	3.05	3.70	4.18	4.40	4.32	3.97	3.41	2.72	2.00	1.34	0.75	0.24	40.6	0.00
90	0.14	0.57	1.52	3.25	5.74	8.95	12.3	15.3	17.2	17.8	16.9	14.8	11.8	8.44	5.29	2.81	1.17	0.28	144	0.00
80	0.16	0.95	3.24	7.55	13.7	21.4	29.7	37.0	41.8	42.9	40.0	33.9	26.0	17.8	10.6	5.14	1.82	0.34	334	0.00
70	0.19	1.51	5.61	13.3	24.8	40.1	58.4	75.8	87.5	89.7	81.7	66.2	48.0	30.9	17.4	8.03	2.62	0.41	652	382
60	0.23	2.17	8.27	20.2	39.7	69.0	107	144	168	171	153	120	82.0	48.7	25.5	11.2	3.47	0.48	1174	1044
50	0.27	2.83	10.9	27.9	59.4	110	177	243	286	288	251	191	127	71.5	34.7	14.4	4.29	0.55	1902	1813
40	0.30	3.40	13.4	35.9	82.0	160	263	370	437	434	368	270	173	95.6	44.3	17.4	5.01	0.60	2773	2703
30	0.33	3.82	15.3	42.7	103	206	347	489	569	558	468	337	211	115	52.3	19.7	5.54	0.65	3543	3483
20	0.35	4.05	16.3	46.7	115	234	399	556	643	627	519	371	231	126	56.8	21.1	5.84	0.67	3972	3915
10	0.35	4.05	16.3	46.7	114	232	394	546	630	618	510	365	228	125	56.8	21.1	5.85	0.67	3915	3857
0	0.33	3.83	15.3	42.6	102	202	335	464	539	530	444	323	205	114	52.3	19.8	5.57	0.65	3397	3337
-10	0.31	3.41	13.4	35.7	81.0	156	251	347	406	403	343	254	167	94.7	44.5	17.5	5.05	0.61	2624	2554
-20	0.27	2.84	11.0	27.9	58.7	108	170	231	268	269	236	183	124	71.5	35.1	14.6	4.34	0.55	1814	1725
-30	0.23	2.19	8.30	20.2	39.6	67.8	104	139	162	164	148	117	82.1	49.4	26.0	11.4	3.52	0.48	1146	1016
-40	0.19	1.54	5.65	13.4	24.9	40.2	58.1	75.0	86.5	88.8	81.5	66.9	49.0	31.8	17.8	8.22	2.67	0.41	653	381
-50	0.17	0.99	3.31	7.63	13.8	21.7	30.1	37.5	42.3	43.5	40.9	34.9	27.0	18.6	11.0	5.32	1.88	0.34	341	0.00
-60	0.15	0.63	1.65	3.43	5.96	9.17	12.6	15.6	17.6	18.2	17.4	15.4	12.4	8.99	5.62	2.97	1.23	0.29	149	0.00
-70	0.15	0.50	0.95	1.51	2.17	2.85	3.53	4.14	4.56	4.79	4.78	4.47	3.92	3.19	2.31	1.50	0.81	0.25	46.4	0.00
-80	0.14	0.43	0.76	1.17	1.68	2.34	3.05	3.70	4.18	4.40	4.32	3.97	3.41	2.72	2.00	1.34	0.75	0.24	40.6	0.00
-90	0.14	0.57	1.52	3.25	5.74	8.95	12.3	15.3	17.2	17.8	16.9	14.8	11.8	8.44	5.29	2.81	1.17	0.28	144	0.00
Φ t	4.25	39.7	151	398	887	1691	2755	3793	4409	4374	3727	2772	1810	1034	500	204	61.4	8.48	28619	---
Φ a	0.00	0.00	0.00	169	719	1534	2604	3645	4263	4230	3581	2624	1659	874	307	0.00	0.00	0.00	---	26209

one-half-peak spread: U:30.7,D:30.5 , L:30.3,R:33.0

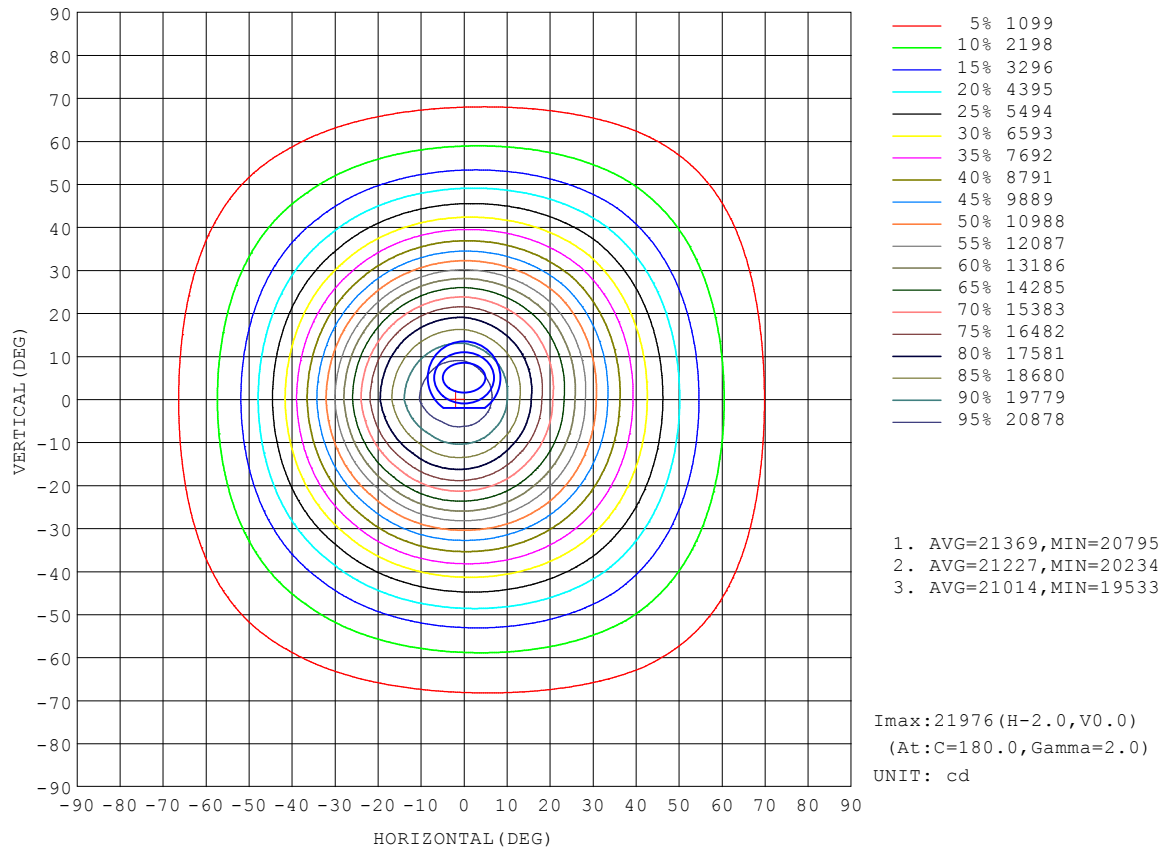
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.46V I:0.9378A P:201.37W PF:0.9829 Freq:49.99Hz Lamp Flux:29255.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

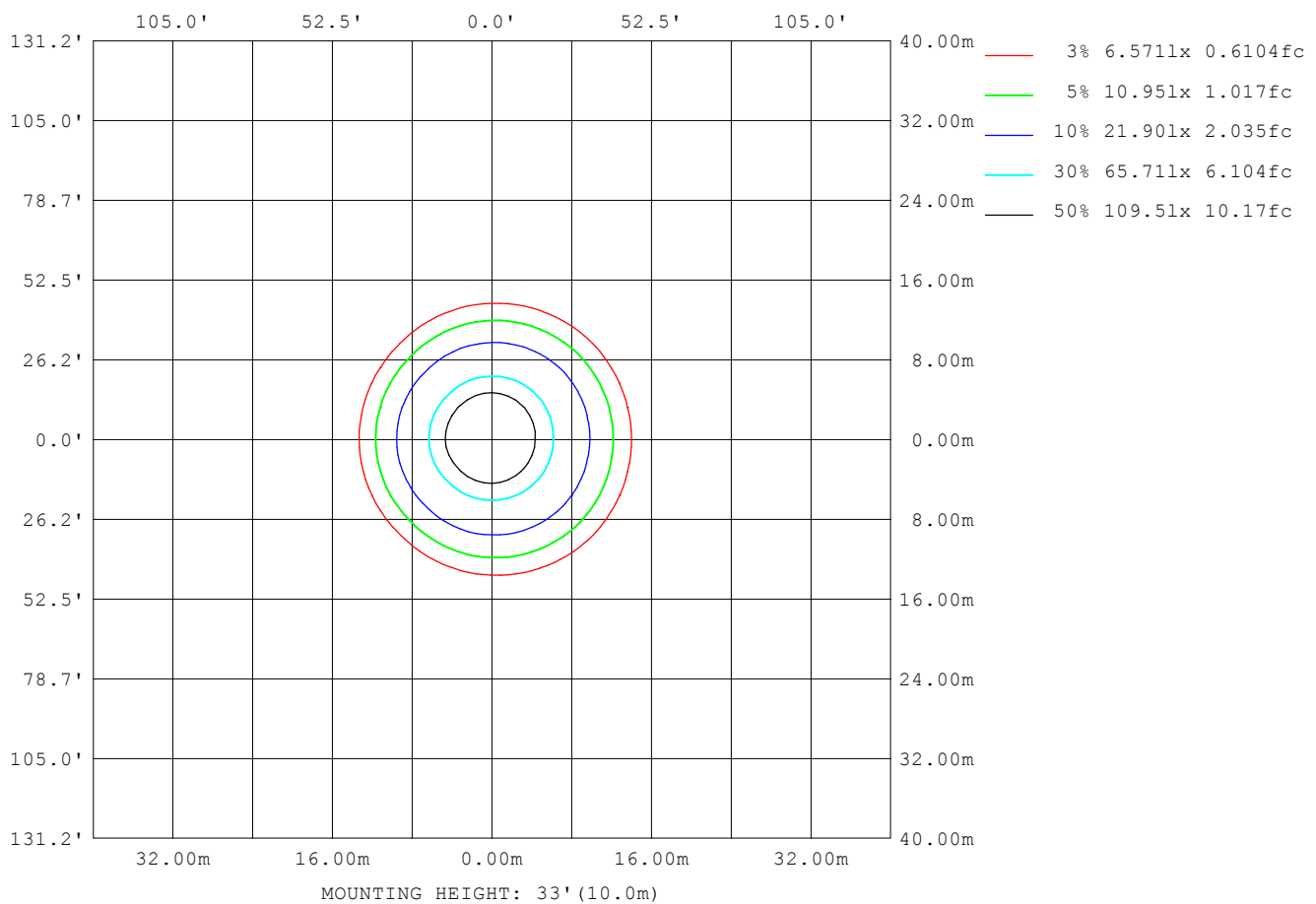


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ISOLUX DIAGRAM

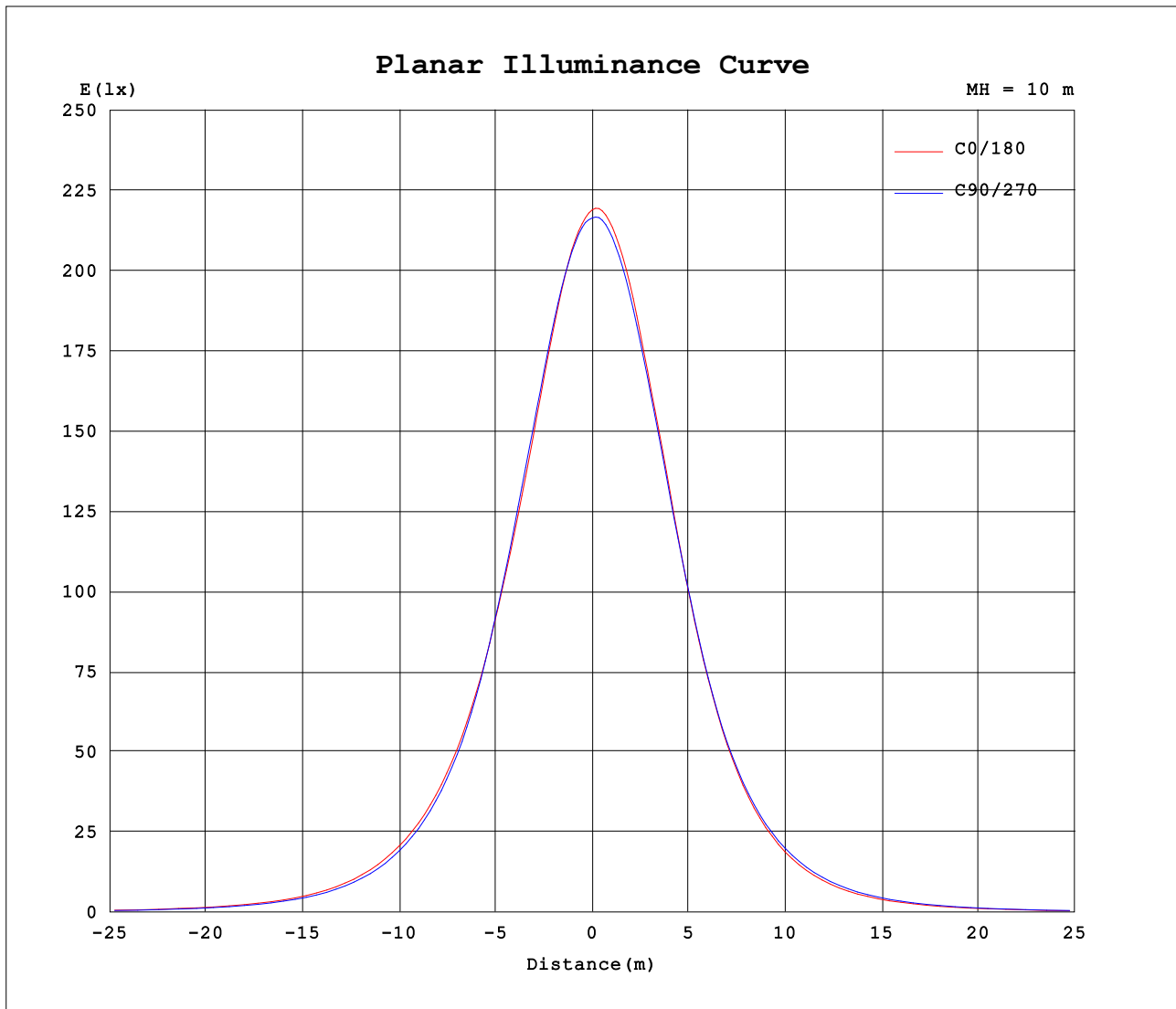
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Remarks:

Planar Illuminance Curve

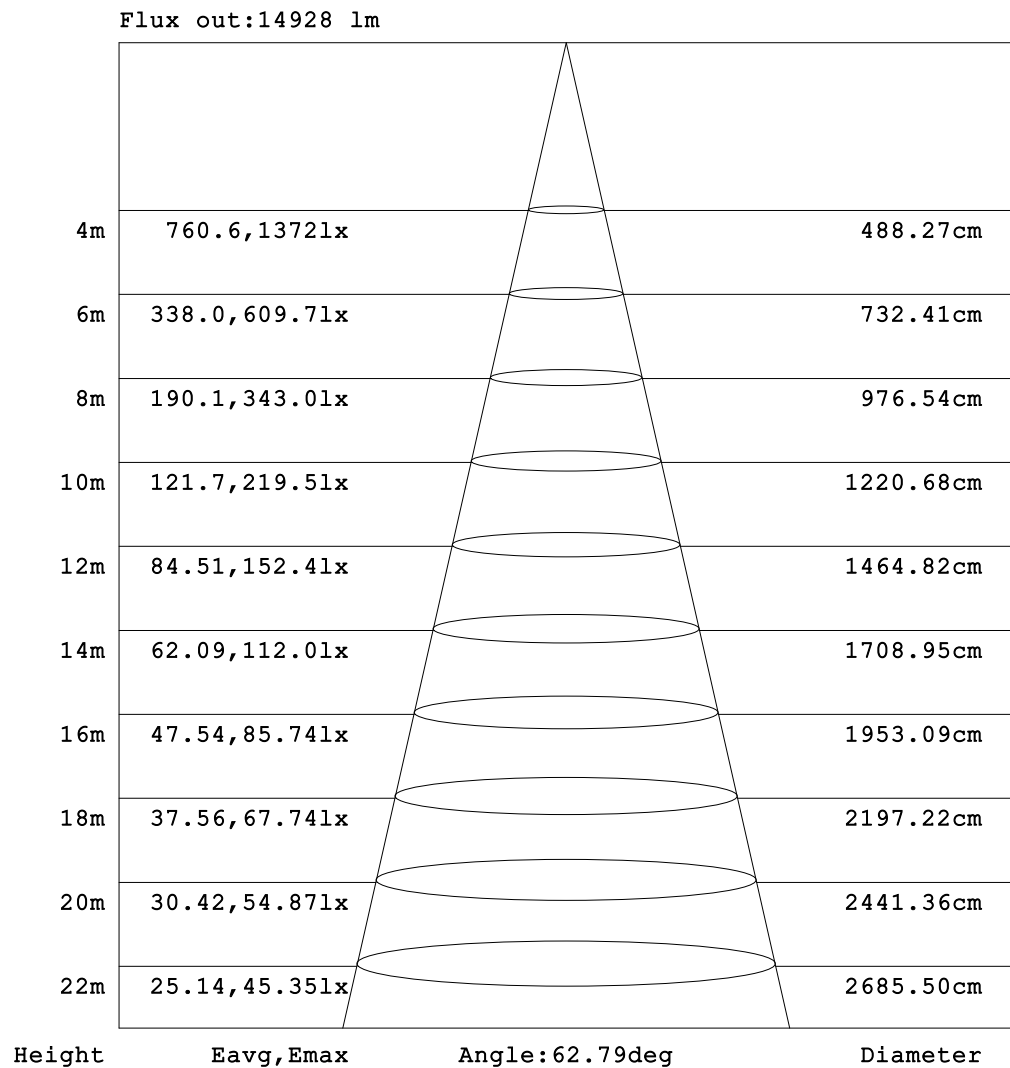


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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.46V I:0.9378A P:201.37W PF:0.9829 Freq:49.99Hz Lamp Flux:29255.9x1 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: DAMIN
 Test Date: 2024-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.46V I:0.9378A P:201.37W PF:0.9829 Freq:49.99Hz Lamp Flux:29255.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	5.28	5.62	6.05	6.60	7.26	8.04	8.92	9.96	11.1	12.3	13.6	14.9	16.1	17.2	18.1	19.0	19.8	20.3	20.7
-170	5.28	5.65	6.08	6.61	7.23	7.95	8.77	9.73	10.8	11.9	13.1	14.3	15.5	16.6	17.5	18.3	19.0	19.4	19.6
-160	5.28	5.67	6.09	6.56	7.11	7.74	8.45	9.28	10.2	11.2	12.2	13.2	14.2	15.1	15.9	16.6	17.1	17.6	17.7
-150	5.28	5.67	6.07	6.49	6.95	7.47	8.04	8.68	9.39	10.1	10.9	11.7	12.5	13.2	13.9	14.5	14.7	14.8	14.8
-140	5.28	5.68	6.04	6.40	6.77	7.16	7.58	8.04	8.53	9.05	9.59	10.1	10.7	11.3	11.8	12.2	12.6	12.8	12.9
-130	5.28	5.67	6.01	6.31	6.60	6.88	7.17	7.46	7.76	8.07	8.38	8.71	9.07	9.41	9.72	9.99	10.2	10.3	10.4
-120	5.28	5.66	5.98	6.25	6.48	6.68	6.87	7.05	7.21	7.37	7.51	7.66	7.82	7.97	8.11	8.22	8.31	8.36	8.37
-110	5.28	5.64	5.95	6.21	6.43	6.61	6.75	6.88	6.98	7.07	7.11	7.14	7.16	7.19	7.22	7.24	7.26	7.27	7.27
-100	5.28	5.62	5.93	6.20	6.45	6.67	6.86	7.03	7.18	7.31	7.30	7.27	7.25	7.23	7.22	7.21	7.21	7.21	7.21
-90	5.28	5.59	5.91	6.23	6.55	6.86	7.18	7.50	7.82	8.13	8.15	8.17	8.20	8.22	8.24	8.26	8.28	8.30	8.32
-80	5.28	5.57	5.99	6.61	7.49	8.64	10.0	11.7	13.4	15.1	17.2	19.3	21.4	23.5	25.4	27.1	28.5	29.7	30.5
-70	5.28	5.63	6.79	9.22	13.0	17.7	23.3	29.5	36.3	43.0	50.4	58.1	65.6	72.5	78.8	84.2	88.7	92.0	94.0
-60	5.28	5.85	8.71	14.6	22.9	33.2	45.2	58.4	72.4	87.2	103	119	136	152	166	179	190	197	202
-50	5.28	6.23	11.6	21.6	35.6	52.5	72.0	94.1	119	146	175	208	244	281	317	349	375	393	403
-40	5.28	6.78	14.9	29.3	48.8	72.7	101	135	175	222	278	342	413	486	556	616	663	693	705
-30	5.28	7.37	18.0	36.6	61.3	92.1	130	178	240	318	415	523	639	756	871	972	1053	1104	1120
-20	5.28	7.86	20.6	42.3	71.4	108	156	219	306	420	559	717	888	1066	1237	1395	1515	1584	1598
-10	5.28	8.13	22.2	46.1	78.0	119	174	250	358	500	674	876	1104	1342	1572	1754	1884	1971	1990
0	5.28	8.19	22.8	47.4	80.2	123	180	262	378	534	724	952	1210	1481	1737	1939	2098	2182	2190
10	5.28	8.09	22.2	46.1	78.0	119	174	251	359	503	681	889	1126	1380	1626	1822	1963	2048	2063
20	5.28	7.78	20.5	42.3	71.3	108	156	220	308	425	568	734	917	1113	1313	1487	1619	1696	1717
30	5.28	7.25	17.8	36.5	61.2	91.9	130	178	241	322	422	536	661	789	918	1034	1129	1192	1217
40	5.28	6.61	14.6	29.1	48.7	72.5	101	134	175	224	282	350	424	502	577	644	697	732	748
50	5.28	6.02	11.3	21.3	35.3	52.2	71.7	93.6	118	145	175	209	247	285	323	356	383	403	413
60	5.28	5.59	8.30	14.1	22.4	32.9	44.9	58.0	71.9	86.5	102	118	135	150	166	179	190	198	202
70	5.28	5.33	6.28	8.58	12.2	17.0	22.6	28.9	35.6	42.4	49.8	57.5	64.8	71.5	77.6	82.8	87.1	90.2	92.1
80	5.28	5.25	5.36	5.73	6.42	7.41	8.64	10.2	11.8	13.5	15.7	18.0	20.3	22.5	24.5	26.3	27.9	29.1	30.0
90	5.28	5.28	5.29	5.30	5.30	5.31	5.32	5.32	5.33	5.34	5.35	5.37	5.38	5.39	5.41	5.42	5.44	5.45	5.46
100	5.28	5.32	5.38	5.43	5.48	5.54	5.59	5.65	5.70	5.74	5.78	5.81	5.84	5.86	5.87	5.88	5.88	5.87	5.86
110	5.28	5.38	5.49	5.61	5.74	5.87	6.01	6.14	6.28	6.41	6.53	6.64	6.74	6.83	6.90	6.95	6.98	6.99	6.98
120	5.28	5.43	5.61	5.80	6.02	6.25	6.49	6.75	7.01	7.27	7.52	7.76	7.98	8.17	8.34	8.46	8.55	8.59	8.59
130	5.28	5.48	5.72	6.00	6.31	6.66	7.04	7.44	7.85	8.28	8.71	9.13	9.53	9.88	10.2	10.4	10.6	10.7	10.7
140	5.28	5.52	5.83	6.19	6.60	7.07	7.59	8.15	8.75	9.39	10.0	10.6	11.2	11.8	12.3	12.7	13.0	13.1	13.2
150	5.28	5.56	5.92	6.35	6.86	7.45	8.11	8.83	9.64	10.5	11.3	12.2	13.0	13.7	14.3	14.8	15.1	15.3	15.3
160	5.28	5.59	5.99	6.48	7.07	7.76	8.52	9.41	10.4	11.4	12.5	13.5	14.5	15.4	16.2	16.8	17.3	17.5	17.5
170	5.28	5.61	6.04	6.57	7.21	7.96	8.81	9.81	10.9	12.1	13.3	14.4	15.6	16.7	17.5	18.3	18.9	19.2	19.2
180	5.28	5.62	6.05	6.60	7.26	8.04	8.92	9.96	11.1	12.3	13.6	14.9	16.1	17.2	18.1	19.0	19.8	20.3	20.5

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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	20.5	20.1	19.3	18.1	16.2	15.1	14.4	13.2	11.9	10.6	9.47	8.53	7.83	7.40	7.25	7.40	7.86	8.95	
-170	19.6	19.3	18.6	17.5	16.0	15.1	14.1	12.9	11.6	10.4	9.32	8.43	7.78	7.37	7.25	7.41	7.87	8.95	
-160	17.7	17.4	16.9	16.2	15.2	14.2	13.2	12.1	10.9	9.87	8.94	8.19	7.64	7.32	7.25	7.44	7.90	8.95	
-150	14.9	14.9	14.6	14.2	13.4	12.6	11.8	10.8	9.96	9.14	8.43	7.86	7.47	7.26	7.26	7.49	7.95	8.95	
-140	12.8	12.6	12.3	11.9	11.4	10.8	10.1	9.51	8.90	8.35	7.89	7.53	7.31	7.24	7.32	7.57	8.01	8.95	
-130	10.3	10.2	10.0	9.73	9.41	9.04	8.67	8.30	7.97	7.68	7.45	7.30	7.23	7.27	7.42	7.69	8.10	8.95	
-120	8.35	8.30	8.20	8.08	7.93	7.77	7.62	7.47	7.36	7.28	7.23	7.23	7.28	7.40	7.59	7.86	8.20	8.95	
-110	7.27	7.26	7.25	7.23	7.21	7.20	7.20	7.20	7.22	7.25	7.31	7.39	7.51	7.65	7.84	8.07	8.33	8.95	
-100	7.23	7.25	7.28	7.32	7.36	7.41	7.47	7.53	7.61	7.68	7.75	7.84	7.94	8.06	8.18	8.32	8.52	8.95	
-90	8.36	8.41	8.46	8.51	8.56	8.60	8.65	8.70	8.75	8.77	8.79	8.82	8.84	8.86	8.88	8.91	8.93	8.95	
-80	31.2	31.6	31.6	31.2	30.4	29.4	28.1	26.7	25.0	22.7	20.3	18.0	15.9	13.9	12.2	10.8	9.68	8.95	
-70	94.9	94.5	92.8	89.8	85.8	80.9	75.0	68.6	61.4	53.5	45.6	38.0	30.7	24.2	18.7	14.0	10.8	8.95	
-60	203	201	195	186	175	161	146	131	113	96.6	80.5	65.2	51.0	38.4	27.2	18.5	12.2	8.95	
-50	403	394	377	353	324	290	255	218	183	151	123	97.0	74.3	54.3	37.2	23.3	13.6	8.95	
-40	701	680	644	595	538	475	409	340	275	219	171	132	98.5	70.5	47.1	28.3	15.1	8.95	
-30	1103	1053	977	886	789	687	583	480	383	296	223	167	122	85.5	56.1	32.8	16.6	8.95	
-20	1562	1479	1357	1213	1054	895	749	612	485	369	273	197	141	97.7	63.4	36.5	17.8	8.95	
-10	1940	1816	1650	1469	1269	1064	875	707	558	423	308	219	154	106	68.0	38.8	18.5	8.95	
0	2122	1978	1785	1565	1353	1129	927	745	586	443	321	227	159	109	69.6	39.6	18.7	8.95	
10	2003	1885	1712	1518	1307	1091	892	716	562	424	308	219	154	105	67.8	38.7	18.4	8.95	
20	1670	1578	1448	1291	1112	935	772	624	490	370	272	196	140	97.1	63.0	36.3	17.7	8.95	
30	1193	1135	1050	947	835	718	601	488	384	294	221	165	120	84.7	55.6	32.6	16.5	8.95	
40	742	716	675	621	557	487	413	340	273	216	169	130	97.0	69.5	46.5	27.9	15.0	8.95	
50	412	402	383	356	324	288	251	214	179	148	120	94.9	72.8	53.3	36.5	22.9	13.5	8.95	
60	203	199	193	183	171	157	142	126	110	93.4	78.0	63.3	49.7	37.3	26.5	18.1	12.0	8.95	
70	92.7	92.1	90.2	87.0	82.8	77.8	71.9	65.4	58.4	51.0	43.6	36.3	29.5	23.3	18.0	13.6	10.6	8.95	
80	30.5	30.6	30.3	29.7	28.8	27.7	26.2	24.5	22.6	20.7	18.7	16.6	14.6	12.9	11.5	10.3	9.42	8.95	
90	5.54	5.62	5.70	5.78	5.85	5.93	6.01	6.09	6.16	6.47	6.78	7.09	7.40	7.71	8.02	8.33	8.64	8.95	
100	5.84	5.82	5.79	5.75	5.70	5.66	5.61	5.55	5.52	5.72	5.95	6.22	6.51	6.85	7.23	7.67	8.21	8.95	
110	6.95	6.90	6.82	6.73	6.62	6.51	6.37	6.24	6.14	6.16	6.22	6.33	6.50	6.74	7.07	7.49	8.02	8.95	
120	8.54	8.45	8.31	8.14	7.93	7.69	7.43	7.16	6.94	6.78	6.66	6.60	6.62	6.75	6.99	7.38	7.92	8.95	
130	10.7	10.5	10.3	9.97	9.61	9.20	8.76	8.32	7.91	7.53	7.21	6.96	6.83	6.82	6.98	7.31	7.86	8.95	
140	13.1	12.8	12.5	12.0	11.5	10.9	10.3	9.63	8.98	8.37	7.83	7.39	7.09	6.95	7.00	7.28	7.82	8.95	
150	15.2	14.9	14.4	13.8	13.1	12.5	11.8	10.9	10.0	9.20	8.44	7.81	7.35	7.09	7.05	7.28	7.80	8.95	
160	17.3	16.9	16.3	15.6	14.7	13.9	13.0	12.1	11.0	9.92	8.97	8.18	7.59	7.22	7.12	7.30	7.80	8.95	
170	18.8	18.3	17.9	17.0	15.7	14.8	14.0	12.9	11.6	10.4	9.34	8.44	7.76	7.33	7.19	7.34	7.82	8.95	
180	20.5	20.1	19.3	18.1	16.2	15.1	14.4	13.2	11.9	10.6	9.47	8.53	7.83	7.40	7.25	7.40	7.86	8.95	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks: