

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	549.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-4.0 degrees horizontal

Beam Spread	At 10% of Imax	112.4V x 111.9H
	At 50% of Imax	86.7V x 86.9H
	At 90% of Imax	55.7V x 56.2H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	935.5 lumens per klm.
	To 50% of Imax	784.3 lumens per klm.
	To 90% of Imax	384.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

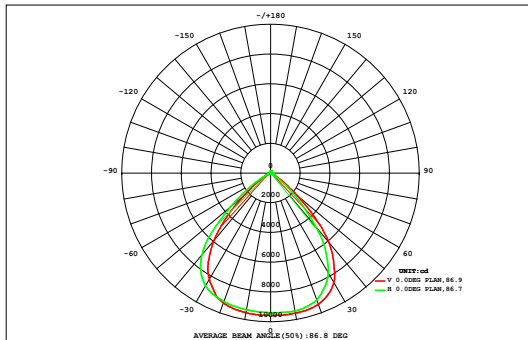
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:223.17V I:0.6687A P:146.67W PF:0.9828 Freq:49.99Hz Lamp Flux:17443.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:118.93lm/W	
MODEL		Imax (cd)	9582
NOMINAL POWER (W)	150	AVAILABILITY (%)	93.5
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	16313
NOMINAL FLUX (lm)	17443.1	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	17443
TEST VOLTAGE (V)	220	θ @50% (H,V)	87,87DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.10	0.32	0.57	0.84	1.11	1.37	1.59	1.74	1.83	1.87	1.84	1.73	1.54	1.30	1.01	0.71	0.42	0.14	20.0	0.00
90	0.10	0.32	0.57	0.84	1.11	1.37	1.59	1.74	1.83	1.87	1.84	1.73	1.54	1.30	1.01	0.71	0.42	0.14	20.0	0.00
80	0.11	0.40	0.82	1.33	1.90	2.51	3.05	3.42	3.58	3.64	3.59	3.30	2.83	2.23	1.61	1.02	0.51	0.15	36.0	0.00
70	0.12	0.50	1.12	2.08	3.25	4.45	5.95	8.12	10.1	10.2	8.39	6.34	4.88	3.67	2.45	1.41	0.65	0.16	73.8	0.00
60	0.13	0.61	1.57	3.04	5.27	12.1	26.4	43.7	56.9	57.1	44.1	27.0	12.8	5.87	3.49	1.90	0.79	0.17	303	223
50	0.14	0.72	2.05	4.24	13.7	41.1	84.1	129	159	159	129	84.5	41.8	14.5	4.85	2.43	0.94	0.19	872	831
40	0.15	0.86	2.45	7.25	32.6	90.9	164	216	241	241	215	163	90.9	33.5	8.05	2.90	1.09	0.20	1511	1482
30	0.16	0.98	2.83	12.6	57.2	142	214	256	272	272	253	212	140	57.7	13.5	3.36	1.22	0.22	1912	1889
	0.17	1.06	3.16	18.0	79.6	172	238	271	282	282	269	234	169	79.1	19.0	3.77	1.32	0.23	2123	2103
	0.17	1.11	3.32	20.9	90.7	184	248	278	287	286	276	243	180	89.4	21.9	3.99	1.38	0.23	2214	2196
	0.17	1.11	3.28	20.0	87.8	181	246	278	288	287	276	241	177	86.5	21.1	3.95	1.38	0.23	2198	2179
	0.17	1.07	3.09	15.8	71.6	161	230	268	282	281	266	226	158	71.1	16.8	3.70	1.32	0.23	2056	2035
-30	0.16	0.99	2.82	10.1	46.8	121	193	239	257	257	236	190	119	47.3	11.0	3.35	1.23	0.22	1736	1711
-40	0.15	0.87	2.49	5.77	23.2	67.4	126	172	194	194	171	125	67.3	24.0	6.57	2.93	1.10	0.20	1185	1151
-50	0.14	0.73	2.09	4.07	8.87	24.7	51.8	78.5	92.1	92.0	78.4	52.1	25.4	9.70	4.68	2.46	0.94	0.19	529	474
-60	0.13	0.61	1.60	3.12	4.98	7.75	12.7	19.0	22.6	22.7	19.4	13.3	8.43	5.59	3.58	1.93	0.79	0.17	148	38.6
-70	0.12	0.50	1.14	2.15	3.39	4.66	5.86	6.81	7.32	7.42	7.08	6.25	5.09	3.80	2.52	1.43	0.64	0.16	66.4	0.00
-80	0.11	0.40	0.80	1.33	1.96	2.64	3.25	3.69	3.91	3.97	3.86	3.50	2.95	2.29	1.61	1.00	0.50	0.15	37.9	0.00
-90	0.10	0.33	0.58	0.84	1.10	1.34	1.55	1.71	1.80	1.83	1.81	1.70	1.52	1.28	1.01	0.72	0.43	0.14	19.8	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	2.53	13.2	35.8	134	535	1222	1856	2273	2463	2459	2260	1834	1209	539	145	43.0	16.6	3.37	17041	---
Φ a	0.00	0.00	0.00	63.1	483	1175	1811	2229	2420	2416	2216	1788	1159	483	68.3	0.00	0.00	0.00	---	16313

one-half-peak spread: U:32.1,D:46.8 , L:37.7,R:47.4

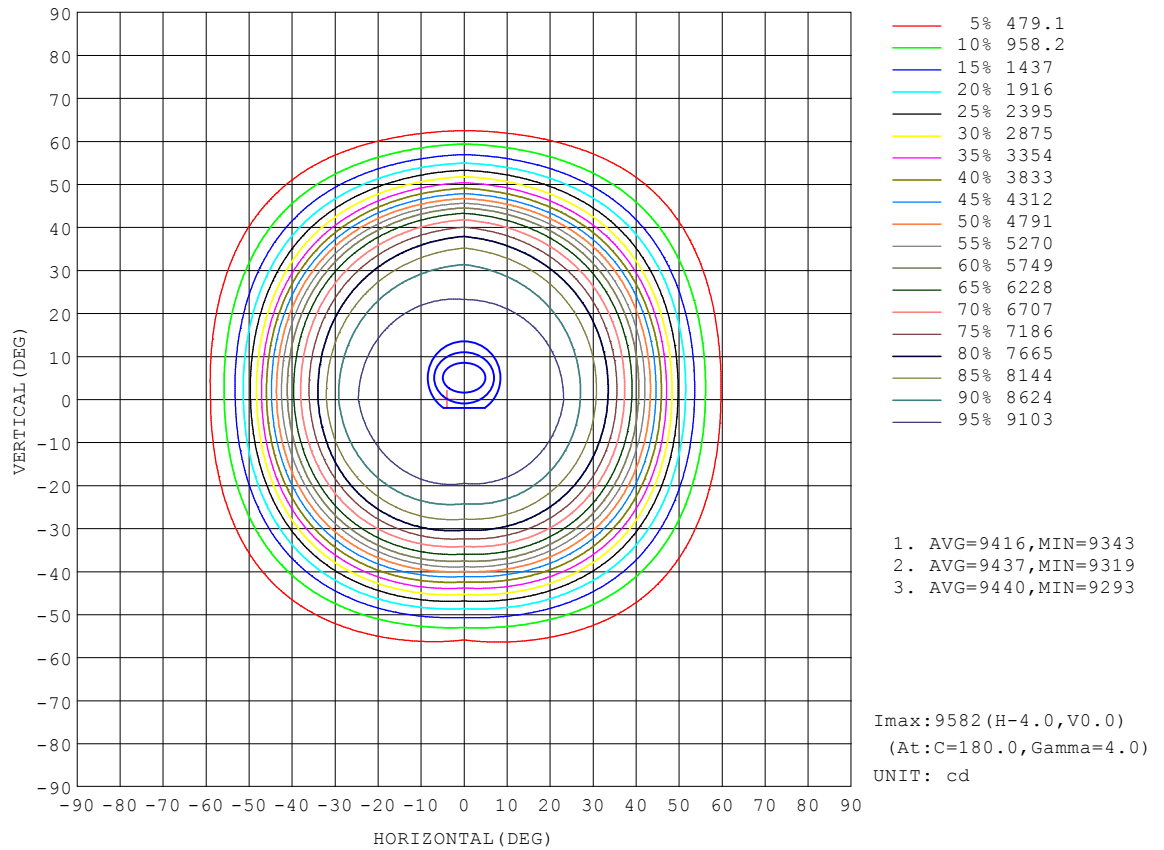
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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:223.17V I:0.6687A P:146.67W PF:0.9828 Freq:49.99Hz Lamp Flux:17443.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

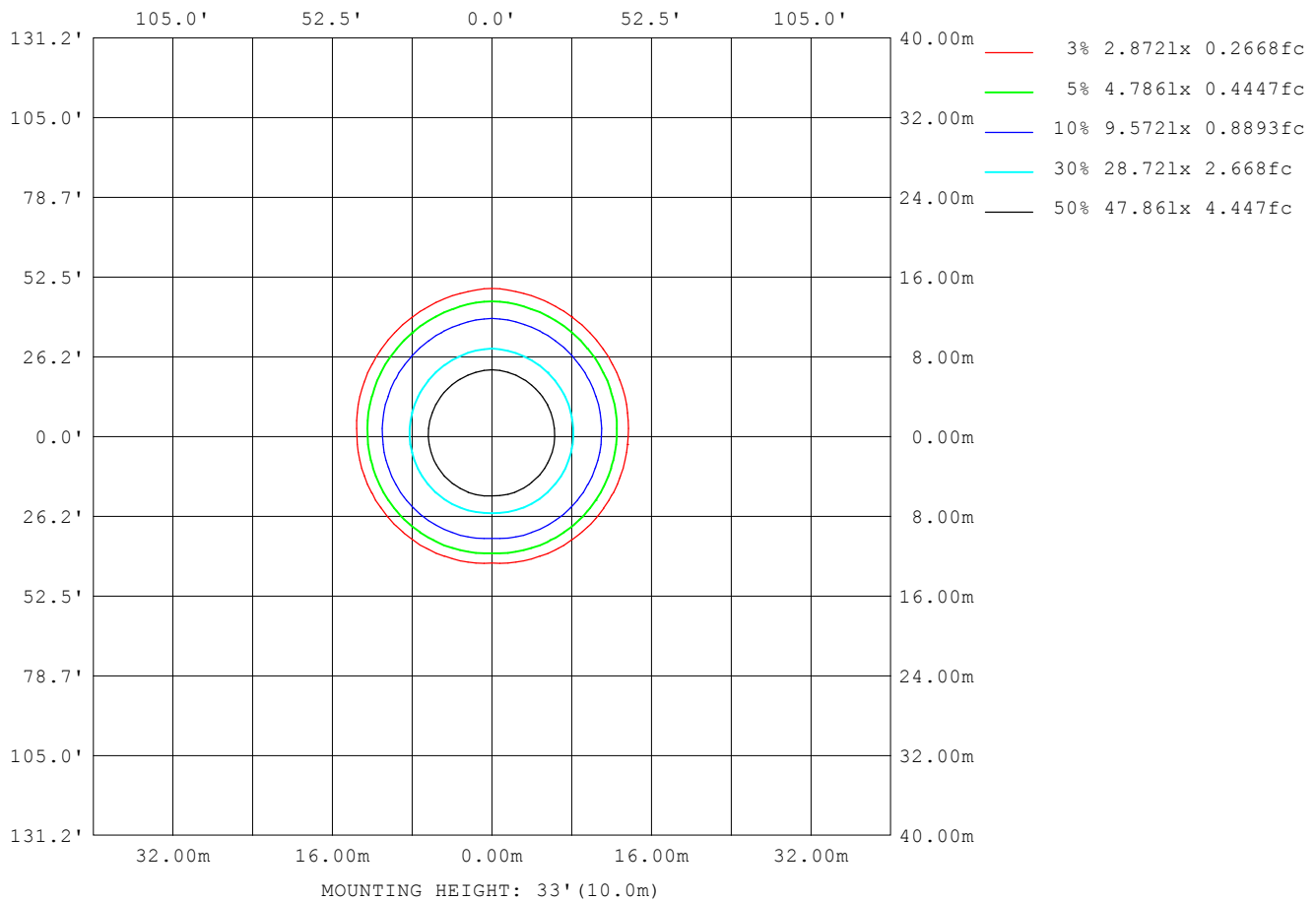


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Remarks:

ISOLUX DIAGRAM

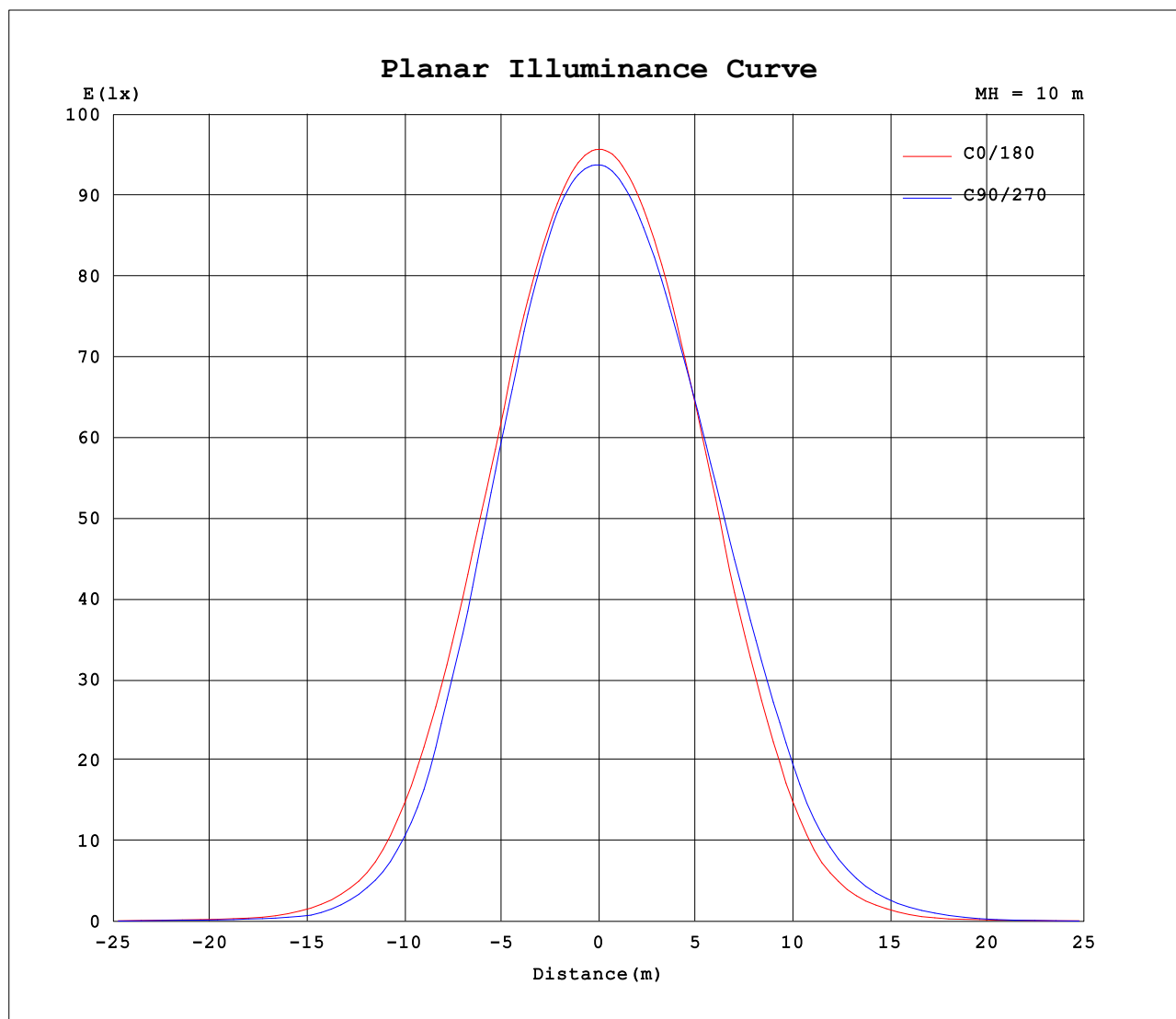
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 Remarks:

Planar Illuminance Curve

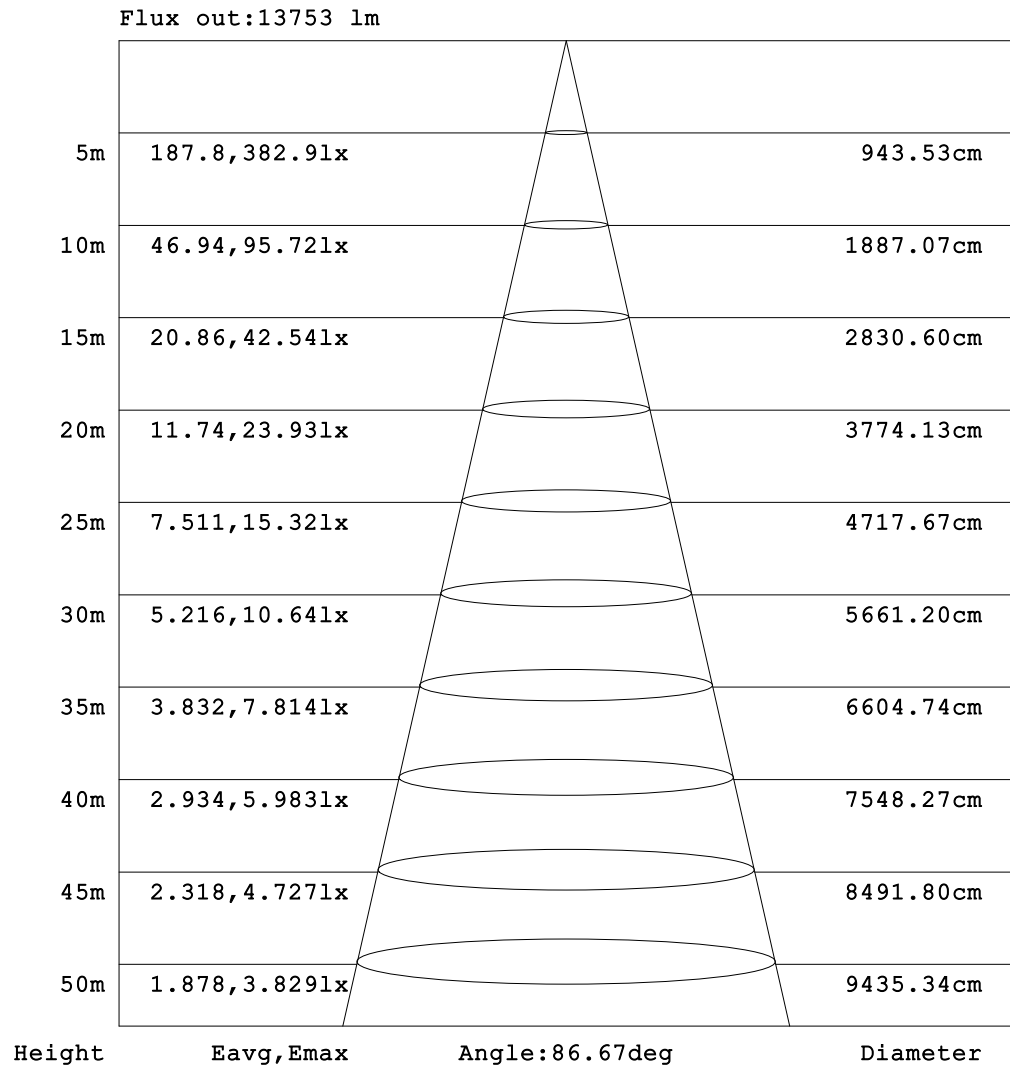


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:

AAI Figure

Test:U:223.17V I:0.6687A P:146.67W PF:0.9828 Freq:49.99Hz Lamp Flux:17443.1x1 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: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 2025-01-10

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:223.17V I:0.6687A P:146.67W PF:0.9828 Freq:49.99Hz Lamp Flux:17443.1x1 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	36.0	36.6	39.3	41.5	45.9	50.9	56.5	62.7	69.6	76.6	83.6	90.7	97.9	106	114	122	128	133	134
-170	36.0	36.7	39.2	41.4	45.6	50.5	56.1	62.1	68.7	75.7	82.7	89.7	96.6	104	111	118	124	128	129
-160	36.0	36.6	39.1	41.1	44.8	49.4	54.4	60.0	65.9	72.4	78.8	85.3	91.5	97.3	103	108	113	116	117
-150	36.0	36.4	38.8	40.6	43.5	47.5	51.8	56.6	61.7	67.0	72.6	78.1	83.3	88.3	92.6	96.3	99.3	101	102
-140	36.0	36.2	38.3	40.0	41.9	45.1	48.6	52.4	56.5	60.6	64.7	69.0	73.1	76.9	80.2	83.1	85.4	86.9	87.6
-130	36.0	36.0	37.9	39.4	40.6	42.4	45.0	47.8	50.7	53.7	56.7	59.6	62.3	64.8	67.1	69.0	70.5	71.5	71.9
-120	36.0	35.7	37.3	38.6	39.7	40.5	41.7	43.3	45.2	47.1	49.0	50.8	52.5	54.0	55.4	56.5	57.3	57.9	58.2
-110	36.0	35.6	36.6	37.8	38.7	39.4	40.0	40.4	40.9	41.6	42.4	43.3	44.2	45.0	45.6	46.2	46.6	46.9	47.1
-100	36.0	35.8	36.3	37.0	37.7	38.4	39.1	39.6	39.9	40.2	40.4	40.6	40.8	41.0	41.1	41.2	41.3	41.4	41.6
-90	36.0	36.7	37.3	38.0	38.6	39.3	39.9	40.6	41.2	41.9	42.6	43.2	43.9	44.5	45.2	45.8	46.5	47.1	47.8
-80	36.0	38.9	42.2	45.1	47.9	51.0	54.6	58.5	61.9	65.1	68.5	72.0	75.8	79.3	82.2	84.5	86.3	87.4	88.0
-70	36.0	41.7	47.3	55.0	64.2	73.6	84.6	95.1	107	121	135	144	153	161	167	172	176	178	178
-60	36.0	44.1	54.4	68.5	84.2	102	128	152	172	192	212	233	252	269	284	298	310	313	310
-50	36.0	46.3	62.7	82.2	106	145	174	203	235	271	332	464	641	890	1146	1368	1529	1607	1599
-40	36.0	48.5	70.0	94.5	140	177	214	259	341	614	1058	1675	2357	3109	3749	4255	4607	4806	4802
-30	36.0	50.9	76.0	108	161	203	253	364	784	1500	2516	3799	4991	6035	6730	7243	7605	7759	7751
-20	36.0	52.8	80.7	124	177	223	289	656	1427	2653	4307	5840	6975	7892	8460	8783	8979	9078	9074
-10	36.0	54.0	83.7	135	187	238	354	953	2028	3732	5583	6982	8101	8769	9150	9365	9441	9449	9413
0	36.0	54.4	84.7	139	190	243	396	1092	2294	4217	6099	7422	8507	9071	9392	9527	9569	9580	9572
10	36.0	54.1	83.6	135	186	238	384	1046	2192	3998	5913	7263	8321	8918	9227	9383	9415	9390	9329
20	36.0	52.9	80.6	123	176	222	322	794	1697	3094	4960	6510	7565	8375	8831	9065	9169	9201	9185
30	36.0	51.0	76.1	107	160	200	260	473	1073	1970	3231	4811	6161	7116	7769	8232	8530	8682	8744
40	36.0	48.7	70.4	93.4	138	174	210	276	487	961	1630	2495	3473	4553	5528	6234	6715	7021	7185
50	36.0	46.4	63.3	81.7	104	142	170	198	234	333	550	887	1313	1764	2235	2683	3058	3328	3478
60	36.0	44.1	55.0	69.3	83.2	98.9	125	148	167	184	203	227	277	364	478	601	714	799	847
70	36.0	41.5	47.7	56.0	65.5	74.3	83.0	91.6	102	115	129	138	145	151	156	159	161	162	161
80	36.0	38.5	41.8	45.1	48.6	52.5	56.8	61.0	64.8	68.2	71.2	73.8	76.1	78.1	79.7	81.0	81.8	82.2	82.2
90	36.0	36.1	36.2	36.3	36.4	36.5	36.5	36.6	36.7	36.8	36.9	36.9	37.0	37.1	37.2	37.3	37.4	37.4	37.5
100	36.0	35.1	35.0	35.0	35.1	35.3	35.6	35.8	36.0	36.1	36.2	36.3	36.4	36.4	36.4	36.3	36.2	36.0	35.9
110	36.0	35.0	35.4	36.2	36.9	37.5	38.1	38.5	38.8	39.2	39.5	40.0	40.4	40.8	41.2	41.4	41.5	41.4	41.2
120	36.0	35.2	36.3	37.5	38.5	39.3	40.1	41.3	42.9	44.4	45.9	47.3	48.6	49.6	50.5	51.1	51.4	51.5	51.3
130	36.0	35.4	37.2	38.6	39.7	41.2	43.5	46.0	48.5	51.1	53.5	55.8	57.9	59.9	61.4	62.6	63.4	63.7	63.5
140	36.0	35.8	37.8	39.4	41.1	44.0	47.3	50.7	54.3	57.9	61.6	65.1	68.5	71.5	74.1	76.2	77.6	78.3	78.2
150	36.0	36.1	38.4	40.2	42.8	46.6	50.7	55.2	59.8	64.7	69.7	74.5	79.1	83.2	86.7	89.5	91.4	92.4	92.3
160	36.0	36.4	38.9	40.8	44.3	48.7	53.6	58.9	64.5	70.6	76.6	82.5	88.1	93.3	98.4	103	106	108	109
170	36.0	36.6	39.1	41.3	45.4	50.2	55.6	61.5	68.0	74.8	81.4	88.2	94.7	102	109	115	121	124	125
180	36.0	36.6	39.3	41.5	45.9	50.9	56.5	62.7	69.6	76.6	83.6	90.7	97.9	106	114	122	128	133	132

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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	130	126	120	113	105	97.8	90.3	82.9	75.2	67.6	60.5	54.3	48.5	44.2	42.3	43.1	46.3	52.3	
-170	127	123	117	111	104	96.4	89.2	81.9	74.3	67.0	60.1	54.0	48.3	44.1	42.4	43.2	46.4	52.3	
-160	116	113	108	103	97.2	91.1	84.7	77.9	71.0	64.2	58.1	52.5	47.3	43.6	42.4	43.3	46.7	52.3	
-150	101	99.2	96.2	92.4	88.0	82.8	77.2	71.4	65.6	60.1	54.9	49.9	45.8	43.0	42.4	43.5	47.2	52.3	
-140	86.8	85.2	82.9	79.8	76.2	72.3	68.0	63.5	59.2	54.9	50.7	46.9	44.0	42.5	42.6	43.9	47.8	52.3	
-130	71.3	70.2	68.6	66.5	64.1	61.4	58.5	55.5	52.4	49.3	46.4	44.1	42.7	42.3	43.1	44.6	48.6	52.3	
-120	57.8	57.1	56.1	54.8	53.3	51.6	49.8	47.9	46.1	44.4	43.2	42.4	42.3	42.9	43.8	46.1	49.4	52.3	
-110	46.8	46.5	45.9	45.3	44.7	44.0	43.4	42.8	42.3	42.1	42.3	42.7	43.3	44.1	45.9	48.1	50.3	52.3	
-100	41.7	41.8	41.9	42.1	42.3	42.5	42.8	43.1	43.5	44.0	44.7	45.6	46.6	47.7	48.9	50.1	51.2	52.3	
-90	48.0	48.3	48.5	48.8	49.0	49.3	49.5	49.8	50.0	50.3	50.5	50.8	51.1	51.3	51.6	51.8	52.1	52.3	
-80	89.1	89.6	89.4	88.6	87.2	85.0	82.3	79.7	76.8	73.9	70.4	66.3	62.7	59.8	57.6	55.7	53.8	52.3	
-70	180	181	179	176	171	165	158	150	138	126	115	105	93.2	81.8	69.9	61.0	56.0	52.3	
-60	317	318	311	300	287	272	255	235	215	195	174	152	127	108	89.4	70.1	58.3	52.3	
-50	1608	1531	1380	1170	912	664	498	365	306	268	234	202	170	133	107	82.3	60.8	52.3	
-40	4791	4579	4216	3718	3098	2372	1690	1098	653	383	299	249	208	167	123	93.1	63.6	52.3	
-30	7731	7555	7201	6680	5945	4905	3758	2536	1552	826	410	297	241	192	139	102	66.7	52.3	
-20	9062	8948	8713	8324	7755	6894	5712	4237	2677	1494	710	345	267	212	155	108	69.4	52.3	
-10	9436	9409	9305	9077	8570	7911	6862	5441	3704	2045	1004	413	286	225	167	112	71.1	52.3	
0	9565	9533	9457	9288	8895	8249	7314	5924	4155	2305	1148	451	295	231	172	114	71.8	52.3	
10	9376	9383	9323	9154	8719	8130	7142	5772	3969	2210	1097	442	286	225	166	112	71.2	52.3	
20	9184	9138	8995	8695	8238	7484	6383	4889	3118	1764	849	377	265	211	155	108	69.5	52.3	
30	8654	8480	8190	7720	7026	6075	4771	3251	2022	1115	518	304	238	191	138	102	66.9	52.3	
40	7006	6687	6195	5498	4542	3487	2510	1670	1000	529	316	245	206	166	122	93.5	63.8	52.3	
50	3329	3060	2694	2258	1787	1336	921	583	367	266	228	199	168	131	107	82.8	60.9	52.3	
60	803	722	614	494	383	297	249	226	207	189	170	148	124	107	90.1	70.7	58.3	52.3	
70	164	166	166	165	162	157	151	144	133	121	112	103	93.8	83.2	70.9	61.3	55.8	52.3	
80	83.9	85.1	85.8	86.1	85.9	85.3	84.2	82.4	80.0	76.8	72.9	68.5	64.2	60.5	57.6	55.3	53.4	52.3	
90	38.3	39.2	40.0	40.8	41.6	42.5	43.3	44.1	44.9	45.7	46.6	47.4	48.2	49.0	49.9	50.7	51.5	52.3	
100	36.3	36.6	37.0	37.3	37.7	38.1	38.5	38.9	39.4	40.0	40.9	42.1	43.5	45.1	46.9	48.8	50.6	52.3	
110	41.3	41.3	41.1	40.9	40.5	40.2	40.0	39.9	39.9	40.0	40.4	40.8	41.4	42.3	44.2	46.8	49.7	52.3	
120	51.3	51.1	50.6	49.9	48.9	47.7	46.3	44.9	43.4	42.1	41.2	40.9	41.1	41.8	42.7	45.1	48.8	52.3	
130	63.6	63.1	62.2	60.8	59.1	57.1	54.8	52.3	49.7	47.0	44.6	42.5	41.5	41.5	42.3	43.8	48.0	52.3	
140	78.2	77.5	76.0	73.7	70.8	67.6	64.1	60.3	56.6	52.8	49.0	45.6	42.9	41.7	42.0	43.3	47.4	52.3	
150	92.4	91.4	89.4	86.5	82.9	78.6	73.7	68.5	63.2	58.2	53.4	48.8	44.9	42.3	42.0	43.1	46.8	52.3	
160	108	106	103	98.3	93.2	87.8	82.0	75.7	69.2	62.8	57.0	51.6	46.7	43.2	42.1	43.0	46.5	52.3	
170	123	120	114	108	101	94.5	87.7	80.7	73.3	66.2	59.5	53.5	48.0	43.9	42.2	43.0	46.3	52.3	
180	130	126	120	113	105	97.8	90.3	82.9	75.2	67.6	60.5	54.3	48.5	44.2	42.3	43.1	46.3	52.3	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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: