

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	817.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	3.0 degrees horizontal

Beam Spread	At 10% of Imax	113.2V x 114.4H
	At 50% of Imax	58.4V x 59.2H
	At 90% of Imax	21.6V x 23.1H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	893.3 lumens per klm.
	To 50% of Imax	475.3 lumens per klm.
	To 90% of Imax	96.5 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

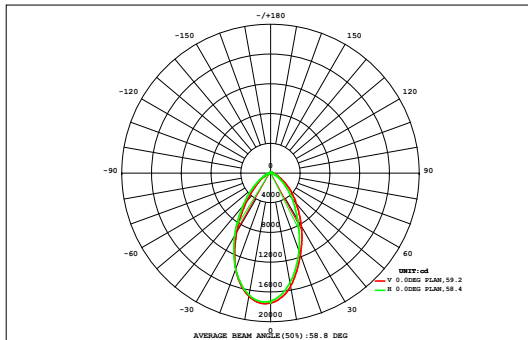
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-30

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:218.51V I:0.6907A P:148.20W PF:0.9820 Freq:49.99Hz Lamp Flux:21490.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:145.01lm/W	
MODEL		Imax(cd)	17573
NOMINAL POWER(W)	150	AVAILABILITY(%)	89.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	19171
NOMINAL FLUX(lm)	21490.1	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	21490
TEST VOLTAGE(V)	220	θ @50% (H,V)	59,58DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.13	0.41	0.75	1.15	1.60	2.06	2.48	2.78	2.92	2.86	2.62	2.26	1.85	1.46	1.10	0.77	0.47	0.16	27.8	0.00
90	0.13	0.41	0.75	1.15	1.60	2.06	2.48	2.78	2.92	2.86	2.62	2.26	1.85	1.46	1.10	0.77	0.47	0.16	27.8	0.00
80	0.14	0.62	1.58	3.17	5.31	7.69	9.94	11.6	12.5	12.1	10.7	8.56	6.16	3.92	2.19	1.11	0.53	0.16	98.0	0.00
70	0.17	1.01	3.16	6.90	12.1	18.1	24.1	29.0	31.5	30.8	27.0	21.5	15.2	9.42	4.86	1.98	0.66	0.17	238	0.00
60	0.21	1.54	5.22	11.9	21.9	34.8	48.9	61.0	67.8	66.4	57.2	43.7	29.6	17.6	8.88	3.40	0.90	0.18	481	252
50	0.25	2.14	7.57	18.1	35.6	60.1	88.7	115	132	131	111	80.8	51.5	28.8	13.8	5.17	1.23	0.19	883	776
40	0.29	2.72	10.0	25.4	52.9	93.0	141	191	226	227	190	136	82.4	42.8	19.3	7.02	1.59	0.20	1450	1377
30	0.33	3.24	12.3	32.9	70.8	126	200	281	342	347	292	204	119	58.3	24.8	8.68	1.92	0.21	2125	2068
	0.36	3.63	14.2	39.1	85.1	154	251	360	444	456	387	270	153	72.0	29.1	9.91	2.16	0.22	2732	2682
	0.38	3.85	15.3	42.8	92.6	168	276	400	500	516	445	310	173	79.4	31.3	10.5	2.27	0.22	3067	3020
	0.37	3.83	15.2	42.5	91.4	165	267	386	481	497	431	302	169	78.2	30.9	10.4	2.25	0.22	2973	2926
	0.36	3.58	14.0	38.2	81.9	145	230	323	389	401	351	248	144	68.8	28.2	9.67	2.10	0.22	2478	2427
	0.33	3.16	12.0	31.6	66.9	116	175	236	275	280	246	179	108	54.5	23.5	8.32	1.83	0.21	1818	1759
-30	0.29	2.62	9.58	24.1	49.3	83.9	122	157	176	176	156	117	73.3	39.2	18.0	6.59	1.48	0.20	1213	1135
-40	0.25	2.03	7.10	16.9	32.7	53.9	76.8	95.4	104	103	90.5	68.8	45.2	25.9	12.6	4.71	1.12	0.18	741	621
-50	0.21	1.45	4.77	10.8	19.7	30.6	41.8	50.6	54.2	52.8	46.8	36.7	25.5	15.4	7.79	2.96	0.81	0.18	403	126
-60	0.17	0.97	2.82	5.99	10.3	15.3	20.0	23.3	24.5	23.8	21.4	17.3	12.4	7.67	3.94	1.64	0.62	0.17	192	0.00
-70	0.15	0.62	1.46	2.71	4.25	5.86	7.24	8.09	8.20	7.85	7.14	5.87	4.33	2.87	1.73	0.99	0.52	0.16	70.0	0.00
-80	0.13	0.42	0.77	1.16	1.55	1.90	2.15	2.27	2.26	2.20	2.11	1.93	1.69	1.41	1.11	0.80	0.48	0.16	24.5	0.00
-90	0.13	0.41	0.75	1.15	1.60	2.06	2.48	2.78	2.92	2.86	2.62	2.26	1.85	1.46	1.10	0.77	0.47	0.16	27.8	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	4.53	37.8	138	356	736	1281	1986	2734	3274	3334	2874	2052	1215	608	263	94.6	23.0	3.39	21014	---
Φ a	0.00	0.00	0.00	198	610	1163	1870	2621	3160	3221	2759	1934	1091	470	72.9	0.00	0.00	0.00	---	19171

one-half-peak spread: U:26.3,D:29.6 , L:31.7,R:28.0

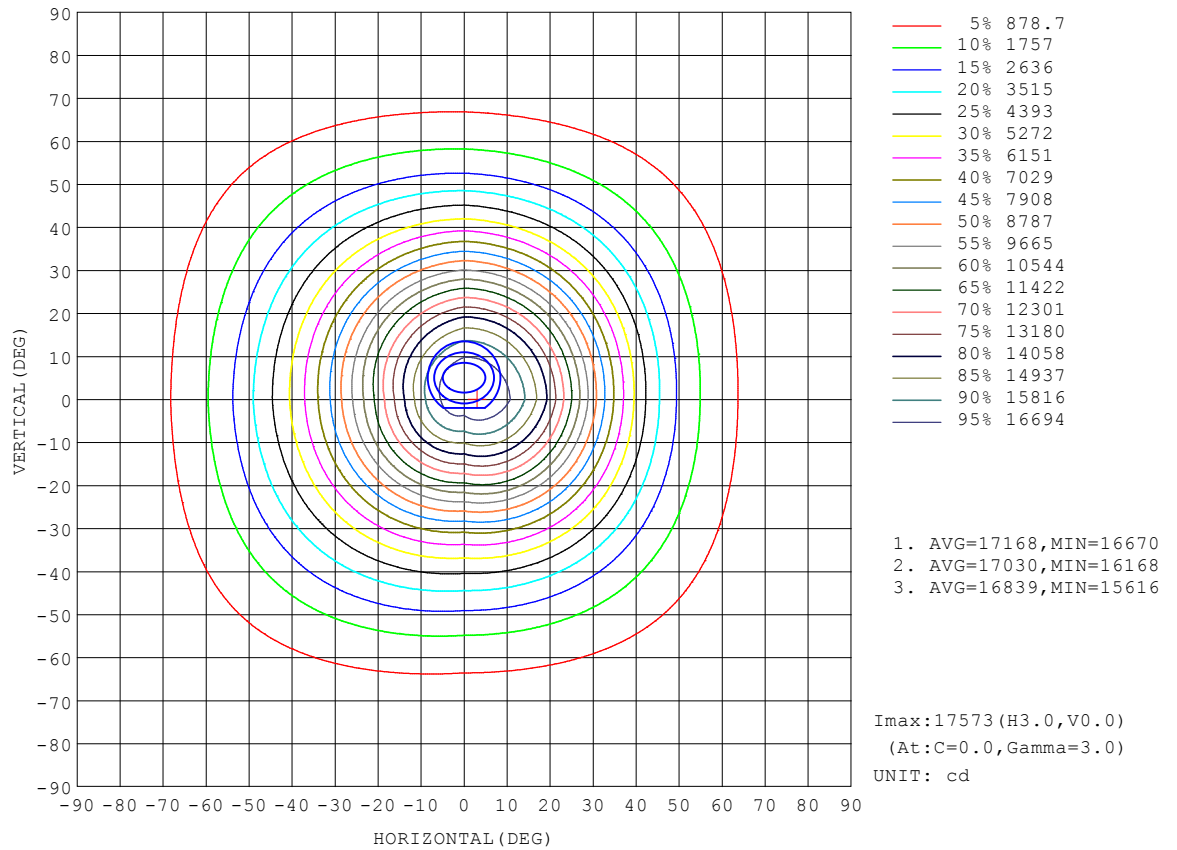
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2024-11-30

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

Test:U:218.51V I:0.6907A P:148.20W PF:0.9820 Freq:49.99Hz Lamp Flux:21490.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

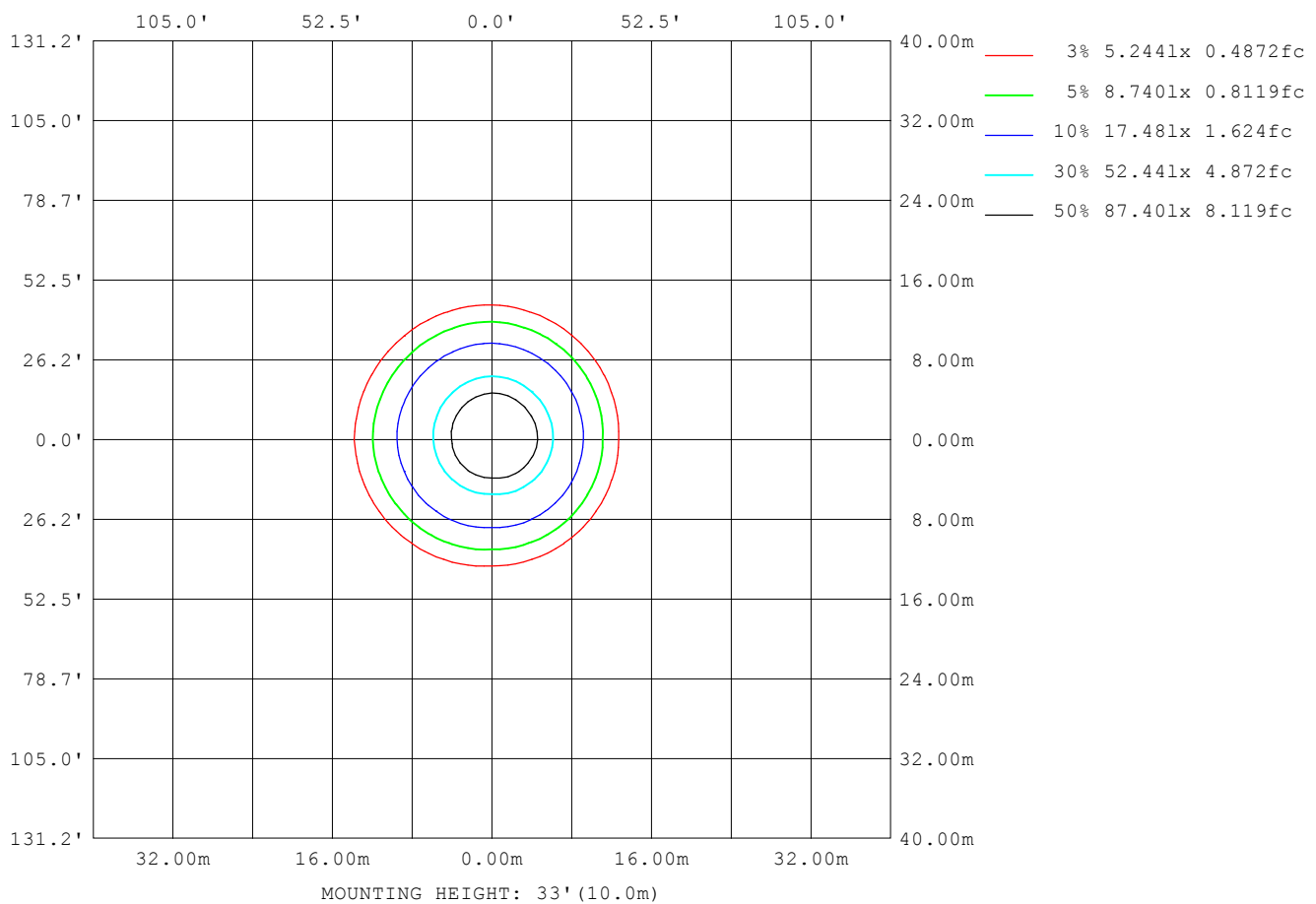


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ISOLUX DIAGRAM

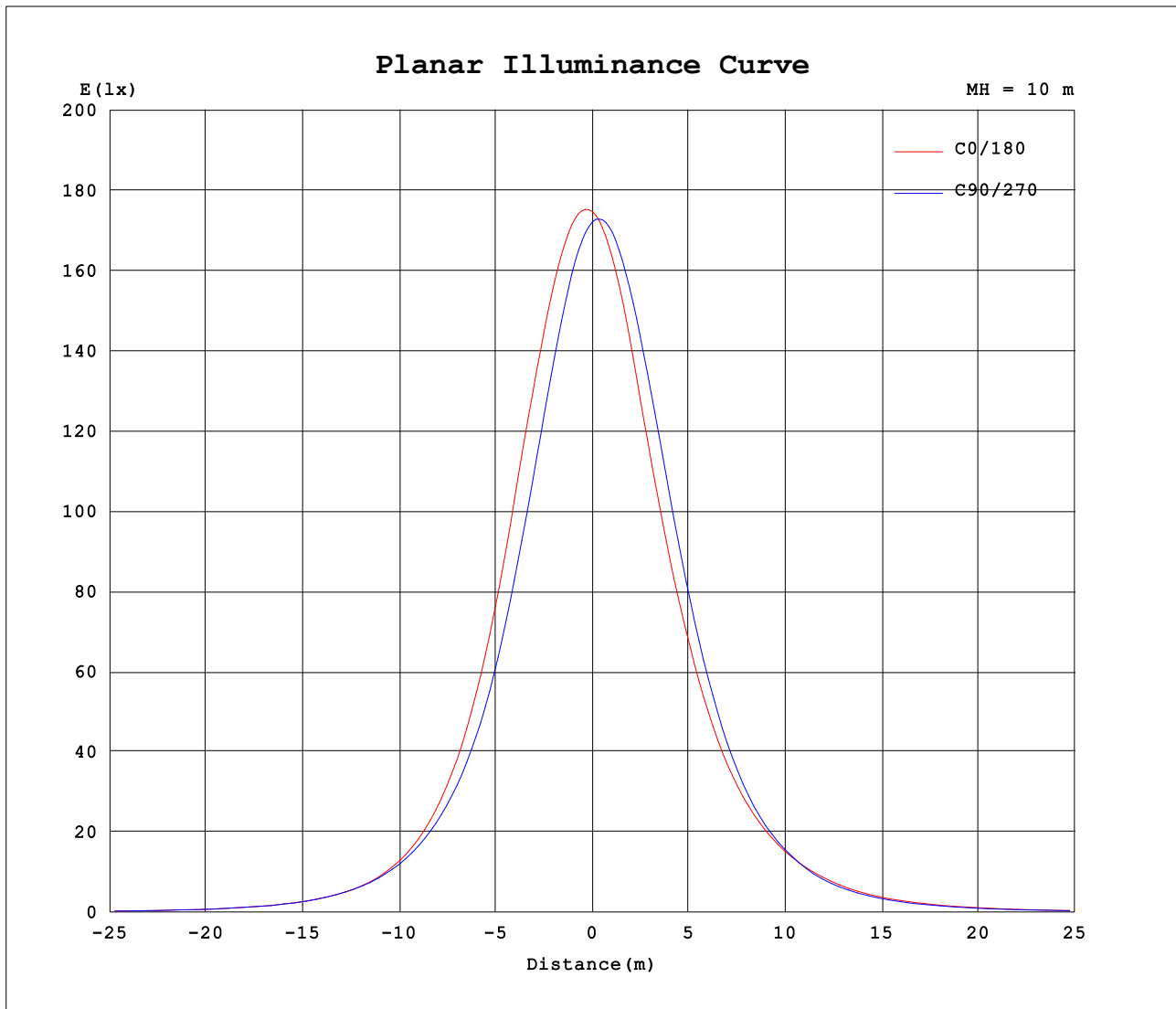
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Remarks:

Planar Illuminance Curve

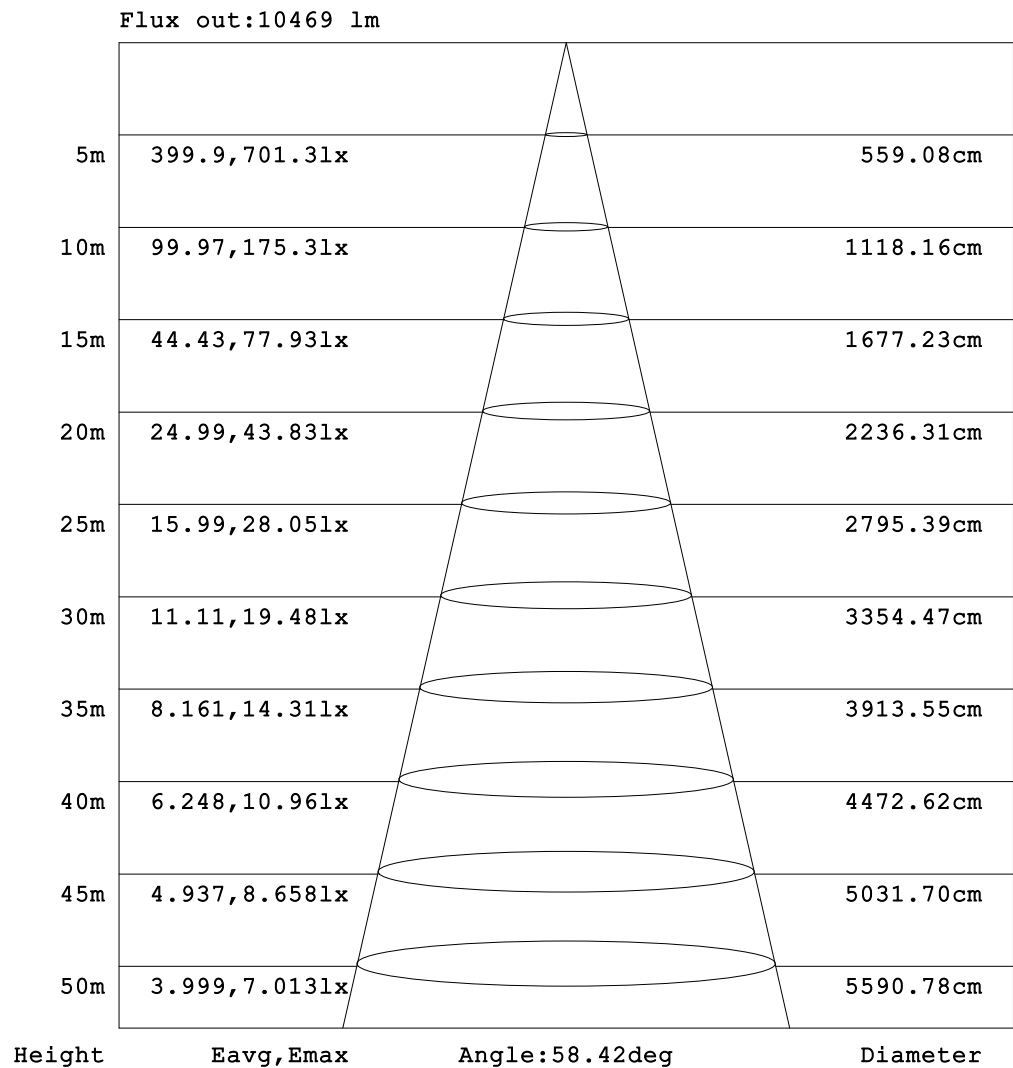


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C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-30

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:

AAI Figure

Test:U:218.51V I:0.6907A P:148.20W PF:0.9820 Freq:49.99Hz Lamp Flux:21490.1x1 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: 2024-11-30

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.51V I:0.6907A P:148.20W PF:0.9820 Freq:49.99Hz Lamp Flux:21490.1x1 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	4.53	4.02	4.22	4.56	5.04	5.63	6.34	7.16	8.10	9.11	10.2	11.1	12.0	12.9	13.6	14.3	15.0	15.5	15.8
-170	4.53	4.03	4.23	4.56	5.02	5.59	6.28	7.07	7.96	8.92	9.92	10.9	11.8	12.7	13.5	14.1	14.7	15.1	15.3
-160	4.53	4.04	4.22	4.53	4.94	5.46	6.07	6.78	7.57	8.43	9.30	10.2	11.0	11.9	12.6	13.2	13.7	14.1	14.2
-150	4.53	4.04	4.20	4.47	4.82	5.25	5.76	6.35	7.00	7.69	8.41	9.12	9.80	10.4	11.0	11.6	12.0	12.3	12.4
-140	4.53	4.05	4.18	4.39	4.67	5.00	5.39	5.84	6.32	6.84	7.38	7.91	8.42	8.88	9.27	9.60	9.83	9.98	10.0
-130	4.53	4.04	4.15	4.32	4.52	4.75	5.02	5.32	5.65	6.00	6.35	6.71	7.05	7.36	7.63	7.85	8.02	8.12	8.16
-120	4.53	4.07	4.14	4.25	4.39	4.54	4.71	4.89	5.08	5.28	5.48	5.67	5.87	6.04	6.20	6.33	6.43	6.49	6.52
-110	4.53	4.17	4.14	4.22	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4.99	5.08	5.16	5.24	5.30	5.35	5.39	5.42
-100	4.53	4.36	4.25	4.24	4.30	4.38	4.44	4.51	4.57	4.63	4.69	4.75	4.81	4.86	4.91	4.96	5.01	5.06	5.11
-90	4.53	4.60	4.67	4.74	4.81	4.87	4.94	5.01	5.08	5.15	5.21	5.28	5.35	5.42	5.49	5.56	5.62	5.69	5.76
-80	4.53	4.92	5.50	6.21	6.99	7.79	8.61	9.52	10.3	11.0	11.7	12.2	12.6	12.8	12.9	12.7	12.4	11.9	11.3
-70	4.53	5.46	7.10	9.28	12.2	15.5	19.2	23.0	27.1	31.1	35.1	38.8	42.1	44.9	47.0	48.3	48.7	48.3	47.1
-60	4.53	6.16	9.28	14.3	20.7	28.2	36.9	46.3	56.5	66.9	77.2	87.4	97.1	105	113	118	120	120	118
-50	4.53	6.92	12.2	20.6	31.5	44.7	60.0	77.2	96.6	118	140	163	186	207	226	239	248	251	248
-40	4.53	7.70	15.4	27.4	43.4	62.9	86.4	115	148	186	229	273	316	356	391	421	442	452	450
-30	4.53	8.45	18.4	34.1	54.8	81.2	115	157	208	268	333	399	467	535	601	660	705	730	731
-20	4.53	9.06	21.0	39.6	64.8	97.4	141	197	267	346	430	523	626	737	850	958	1047	1104	1118
-10	4.53	9.44	22.8	43.7	71.9	110	161	228	312	404	505	624	762	916	1074	1232	1375	1473	1499
0	4.53	9.59	23.5	45.5	75.1	115	170	243	333	431	541	673	828	998	1175	1363	1548	1679	1748
10	4.53	9.46	22.9	44.1	72.7	111	163	232	318	414	522	651	804	974	1147	1323	1482	1601	1664
20	4.53	9.07	21.3	40.5	66.2	99.6	145	203	277	363	457	563	688	827	971	1108	1228	1320	1374
30	4.53	8.47	18.8	35.3	56.7	84.2	119	164	219	285	360	440	524	616	711	803	881	939	969
40	4.53	7.70	15.7	28.7	45.7	66.3	91.2	122	159	201	250	302	358	414	465	511	549	576	588
50	4.53	6.90	12.5	21.7	33.8	48.2	64.8	83.8	105	129	156	184	212	240	265	286	302	312	315
60	4.53	6.12	9.40	15.0	22.4	31.3	41.3	52.2	63.7	75.8	88.3	101	113	124	134	143	149	153	153
70	4.53	5.41	7.08	9.50	13.0	17.2	22.1	27.3	32.7	38.1	43.5	48.5	53.3	57.4	60.9	63.5	65.3	66.2	66.1
80	4.53	4.85	5.39	6.09	6.94	7.92	9.02	10.4	11.8	13.2	14.6	16.0	17.3	18.4	19.3	20.0	20.4	20.6	20.6
90	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.45	4.44	4.43	4.42	4.41	4.40	4.39	4.38	4.37	4.36	4.35
100	4.53	4.27	4.08	4.00	3.99	4.01	4.02	4.04	4.07	4.09	4.12	4.14	4.16	4.19	4.20	4.22	4.23	4.24	4.24
110	4.53	4.09	3.99	4.02	4.07	4.14	4.22	4.31	4.40	4.49	4.58	4.67	4.75	4.82	4.89	4.93	4.97	4.99	4.99
120	4.53	4.00	4.02	4.10	4.22	4.36	4.53	4.71	4.90	5.09	5.28	5.46	5.63	5.78	5.91	6.01	6.08	6.12	6.12
130	4.53	3.98	4.06	4.20	4.39	4.63	4.90	5.20	5.51	5.84	6.17	6.49	6.79	7.07	7.30	7.49	7.62	7.69	7.69
140	4.53	4.00	4.10	4.31	4.58	4.92	5.30	5.73	6.20	6.69	7.19	7.69	8.17	8.59	8.96	9.25	9.45	9.55	9.55
150	4.53	4.01	4.15	4.41	4.76	5.19	5.69	6.26	6.89	7.56	8.25	8.94	9.59	10.2	10.7	11.0	11.3	11.5	11.5
160	4.53	4.01	4.19	4.49	4.91	5.42	6.03	6.72	7.49	8.33	9.19	10.0	10.8	11.5	12.1	12.6	12.9	13.1	13.1
170	4.53	4.02	4.21	4.54	5.00	5.57	6.25	7.04	7.92	8.87	9.86	10.8	11.7	12.4	13.1	13.7	14.2	14.5	14.5
180	4.53	4.02	4.22	4.56	5.04	5.63	6.34	7.16	8.10	9.11	10.2	11.1	12.0	12.9	13.6	14.3	15.0	15.5	15.6

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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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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	15.6	15.3	14.8	14.0	13.1	12.0	10.7	9.54	8.50	7.68	6.97	6.36	5.86	5.49	5.29	5.28	5.50	5.96	
-170	15.2	14.9	14.4	13.7	12.8	11.7	10.5	9.37	8.41	7.62	6.92	6.32	5.82	5.47	5.28	5.28	5.50	5.96	
-160	14.1	13.8	13.3	12.7	11.8	10.8	9.75	8.83	8.04	7.34	6.70	6.16	5.73	5.42	5.26	5.29	5.52	5.96	
-150	12.3	12.0	11.5	10.9	10.2	9.45	8.75	8.10	7.48	6.89	6.37	5.92	5.58	5.35	5.25	5.31	5.54	5.96	
-140	9.93	9.73	9.43	9.06	8.65	8.20	7.73	7.24	6.78	6.35	5.97	5.65	5.42	5.28	5.25	5.35	5.57	5.96	
-130	8.09	7.97	7.78	7.55	7.28	6.99	6.68	6.37	6.08	5.81	5.58	5.40	5.29	5.24	5.27	5.40	5.62	5.96	
-120	6.49	6.43	6.34	6.22	6.09	5.94	5.79	5.64	5.51	5.39	5.30	5.24	5.22	5.25	5.34	5.48	5.68	5.96	
-110	5.42	5.41	5.39	5.36	5.33	5.29	5.26	5.23	5.21	5.20	5.21	5.23	5.29	5.36	5.46	5.59	5.76	5.96	
-100	5.12	5.13	5.15	5.16	5.18	5.20	5.23	5.26	5.29	5.33	5.38	5.44	5.50	5.57	5.65	5.74	5.84	5.96	
-90	5.77	5.78	5.79	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.91	5.92	5.93	5.94	5.95	5.96	
-80	11.2	11.1	10.8	10.4	9.96	9.47	8.91	8.39	7.89	7.50	7.16	6.86	6.61	6.41	6.26	6.16	6.06	5.96	
-70	46.7	45.6	43.6	41.0	37.9	34.1	30.0	25.7	21.6	17.7	14.1	11.3	9.18	7.75	6.95	6.44	6.17	5.96	
-60	117	114	108	101	92.3	82.5	72.3	61.9	51.4	41.3	31.9	23.4	16.4	11.3	8.33	6.93	6.28	5.96	
-50	245	237	222	204	182	159	136	114	93.1	74.0	56.8	41.5	28.3	18.0	10.9	7.61	6.41	5.96	
-40	449	435	408	371	327	279	230	186	147	114	85.7	62.1	42.2	26.1	14.6	8.54	6.56	5.96	
-30	739	719	673	608	529	444	358	280	213	159	116	82.8	56.0	34.5	18.8	9.66	6.72	5.96	
-20	1135	1103	1021	907	776	637	503	383	282	204	145	101	67.6	41.6	22.3	10.7	6.86	5.96	
-10	1519	1469	1361	1205	1011	816	631	470	339	238	166	113	75.5	46.3	24.7	11.4	6.94	5.96	
0	1751	1685	1555	1376	1144	913	695	511	362	252	174	118	78.3	48.0	25.5	11.6	6.97	5.96	
10	1647	1576	1453	1278	1069	858	659	487	350	244	170	116	76.7	47.1	25.1	11.6	6.95	5.96	
20	1352	1283	1171	1028	866	699	544	410	299	214	151	104	69.8	43.0	23.1	11.0	6.87	5.96	
30	947	896	817	718	609	501	399	307	230	170	123	87.3	59.0	36.5	20.0	10.1	6.74	5.96	
40	573	542	498	444	384	320	259	207	162	124	92.5	67.0	45.6	28.4	15.8	8.93	6.57	5.96	
50	306	290	269	243	215	185	157	129	104	82.5	63.3	46.3	31.8	20.3	12.1	7.89	6.39	5.96	
60	149	143	133	122	110	98.2	85.4	72.9	60.4	48.6	37.7	27.9	19.5	13.1	9.06	7.05	6.24	5.96	
70	64.6	62.2	58.9	55.0	50.4	45.3	39.7	34.1	28.6	23.3	18.4	14.2	10.9	8.55	7.17	6.41	6.11	5.96	
80	20.0	19.1	18.1	16.9	15.6	14.2	12.7	11.3	10.0	8.95	8.01	7.27	6.74	6.36	6.14	6.05	5.99	5.96	
90	4.44	4.53	4.62	4.71	4.80	4.89	4.98	5.07	5.16	5.25	5.34	5.43	5.51	5.60	5.69	5.78	5.87	5.96	
100	4.30	4.35	4.40	4.45	4.51	4.56	4.62	4.68	4.75	4.83	4.92	5.02	5.13	5.26	5.41	5.57	5.76	5.96	
110	5.01	5.02	5.02	5.01	4.99	4.96	4.94	4.91	4.90	4.90	4.92	4.95	5.02	5.13	5.26	5.44	5.68	5.96	
120	6.12	6.09	6.02	5.93	5.83	5.70	5.57	5.44	5.32	5.21	5.12	5.06	5.05	5.08	5.19	5.36	5.61	5.96	
130	7.66	7.57	7.42	7.22	6.99	6.73	6.46	6.19	5.92	5.67	5.45	5.28	5.16	5.11	5.16	5.30	5.56	5.96	
140	9.50	9.34	9.09	8.75	8.37	7.94	7.51	7.06	6.63	6.23	5.86	5.56	5.33	5.19	5.16	5.27	5.53	5.96	
150	11.4	11.3	11.0	10.5	9.91	9.24	8.57	7.93	7.34	6.78	6.29	5.86	5.52	5.29	5.19	5.26	5.50	5.96	
160	13.2	13.0	12.7	12.1	11.4	10.5	9.62	8.72	7.94	7.26	6.64	6.11	5.69	5.39	5.23	5.26	5.49	5.96	
170	14.6	14.5	14.0	13.4	12.5	11.6	10.4	9.31	8.35	7.57	6.88	6.29	5.80	5.46	5.26	5.27	5.49	5.96	
180	15.6	15.3	14.8	14.0	13.1	12.0	10.7	9.54	8.50	7.68	6.97	6.36	5.86	5.49	5.29	5.28	5.50	5.96	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2024-11-30

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: