

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1276.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	77.4V x 77.6H
	At 50% of Imax	52.2V x 52.3H
	At 90% of Imax	19.1V x 20.8H

Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	862.0 lumens per klm.
	To 50% of Imax	599.9 lumens per klm.
	To 90% of Imax	123.3 lumens per klm.

Upward LOR	2.2 %
Downward LOR	97.8 %

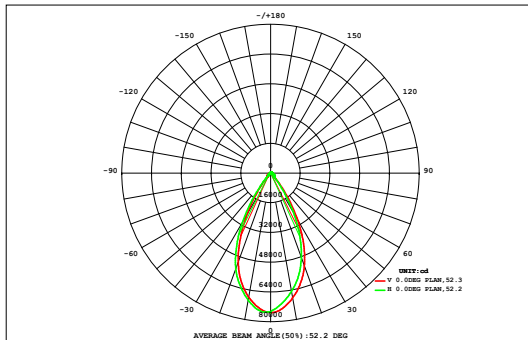
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:233.41V I:1.3961A P:320.40W PF:0.9832 Freq:49.97Hz Lamp Flux:58810.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:183.56lm/W	
MODEL		Imax(cd)	75070
NOMINAL POWER(W)	320	AVAILABILITY(%)	86.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	50692
NOMINAL FLUX(lm)	58810.5	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	58811
TEST VOLTAGE(V)	220	θ @50% (H,V)	52,52DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.44	1.53	3.01	4.79	6.59	8.32	9.79	10.8	11.3	11.2	10.4	9.09	7.38	5.51	3.81	2.37	1.24	0.38	108	0.00
90	0.44	1.53	3.01	4.79	6.59	8.32	9.79	10.8	11.3	11.2	10.4	9.09	7.38	5.51	3.81	2.37	1.24	0.38	108	0.00
80	0.55	2.62	5.66	8.37	10.8	12.9	14.8	16.3	17.2	17.2	16.4	14.9	13.0	10.7	7.85	4.54	1.82	0.42	176	0.00
70	0.71	3.49	6.21	9.43	14.3	20.6	26.5	30.9	33.2	33.3	31.1	26.6	20.4	14.1	9.61	6.23	2.72	0.49	290	0.00
60	0.87	3.68	6.99	13.7	23.3	33.9	42.5	47.7	51.1	52.0	50.2	45.4	35.5	23.9	13.3	7.15	3.42	0.58	455	0.00
50	0.99	3.81	8.89	19.2	32.3	41.9	53.5	69.9	88.9	88.8	72.2	58.9	48.0	35.2	19.8	8.70	3.83	0.67	655	0.00
40	1.05	4.04	11.3	24.2	36.1	54.6	138	328	488	476	303	124	61.1	43.2	26.1	11.1	4.13	0.77	2135	1521
30	1.08	4.34	13.3	27.0	41.6	127	482	953	1258	1243	907	423	109	50.0	31.7	13.5	4.42	0.83	5690	5316
	1.10	4.64	14.7	28.3	51.7	289	891	1499	1846	1838	1462	810	228	57.4	34.8	15.3	4.66	0.87	9077	8769
	1.10	4.82	15.5	29.3	66.1	414	1123	1768	2151	2145	1738	1035	324	64.3	36.6	16.3	4.81	0.89	10938	10656
	1.10	4.83	15.6	29.6	66.2	407	1104	1735	2088	2082	1705	1015	317	64.4	36.9	16.4	4.82	0.89	10694	10411
	1.10	4.67	14.9	29.2	52.8	276	843	1408	1711	1703	1371	762	215	58.6	35.6	15.5	4.70	0.87	8507	8186
-30	1.08	4.41	13.6	28.2	44.1	122	437	852	1098	1084	806	378	103	52.6	32.9	13.8	4.48	0.83	5075	4674
-40	1.05	4.12	11.6	25.4	39.2	59.2	128	280	399	388	255	115	65.8	46.4	27.3	11.4	4.22	0.77	1861	1158
-50	0.99	3.91	9.17	20.2	34.9	47.4	61.5	77.5	92.0	91.9	79.8	66.9	53.5	37.8	20.8	8.98	3.93	0.68	712	0.00
-60	0.87	3.80	7.28	14.3	25.1	37.5	49.1	57.0	62.6	63.4	59.5	52.0	39.1	25.7	14.0	7.44	3.53	0.58	523	0.00
-70	0.71	3.53	6.62	10.0	15.4	22.4	29.6	35.6	39.2	39.3	35.8	29.8	22.2	15.2	10.2	6.64	2.76	0.49	326	0.00
-80	0.55	2.63	5.75	8.93	11.8	14.6	17.1	19.0	20.2	20.2	19.1	17.2	14.7	11.8	8.41	4.63	1.82	0.42	199	0.00
-90	0.44	1.53	3.00	4.81	6.65	8.42	10.0	11.3	12.1	12.0	10.9	9.35	7.48	5.57	3.82	2.36	1.23	0.38	111	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	15.8	66.4	173	335	579	1997	5461	9199	11466	11389	8933	4991	1685	622	374	173	62.5	11.8	57533	---
Φ a	0.00	0.00	0.00	0.00	0.00	1370	4949	8707	10976	10893	8422	4429	945	0.00	0.00	0.00	0.00	0.00	---	50692

one-half-peak spread: U:25.0,D:25.4 , L:27.0,R:25.5

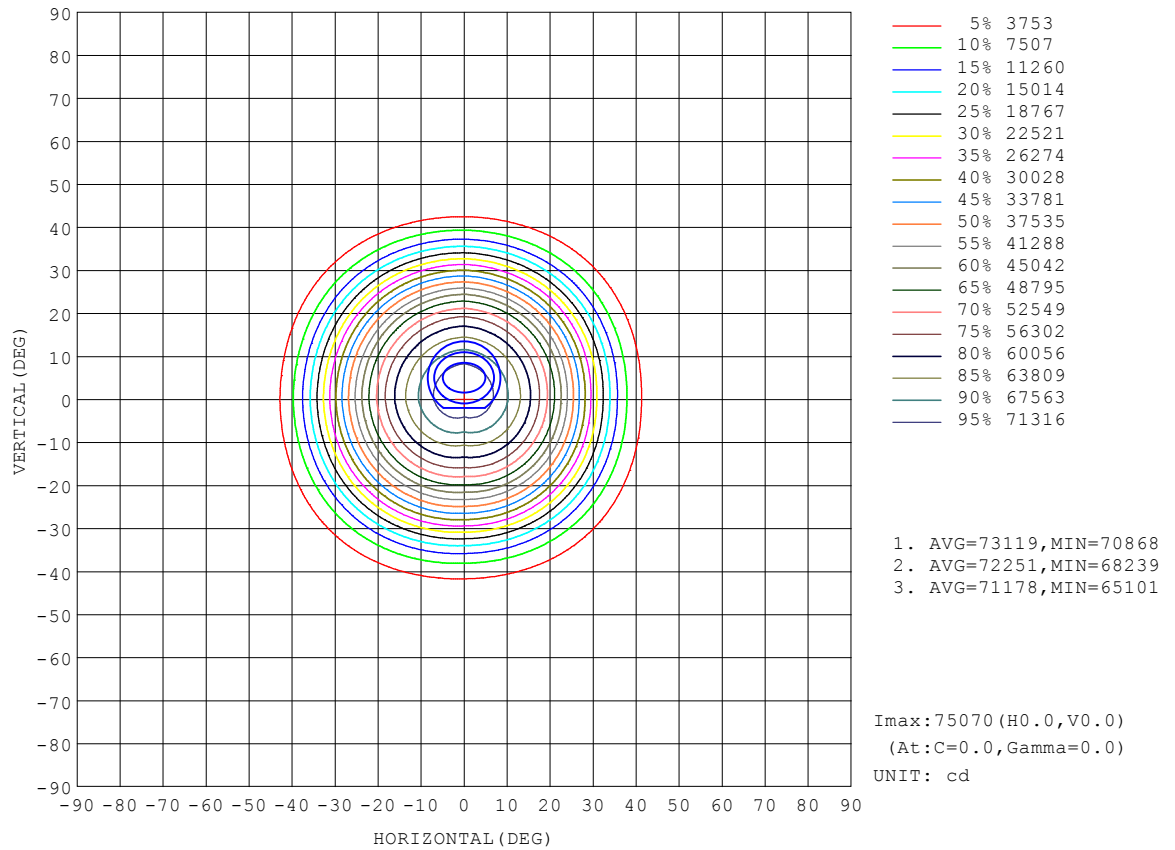
NEMA Beam Type: Type 5

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2024-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:233.41V I:1.3961A P:320.40W PF:0.9832 Freq:49.97Hz Lamp Flux:58810.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

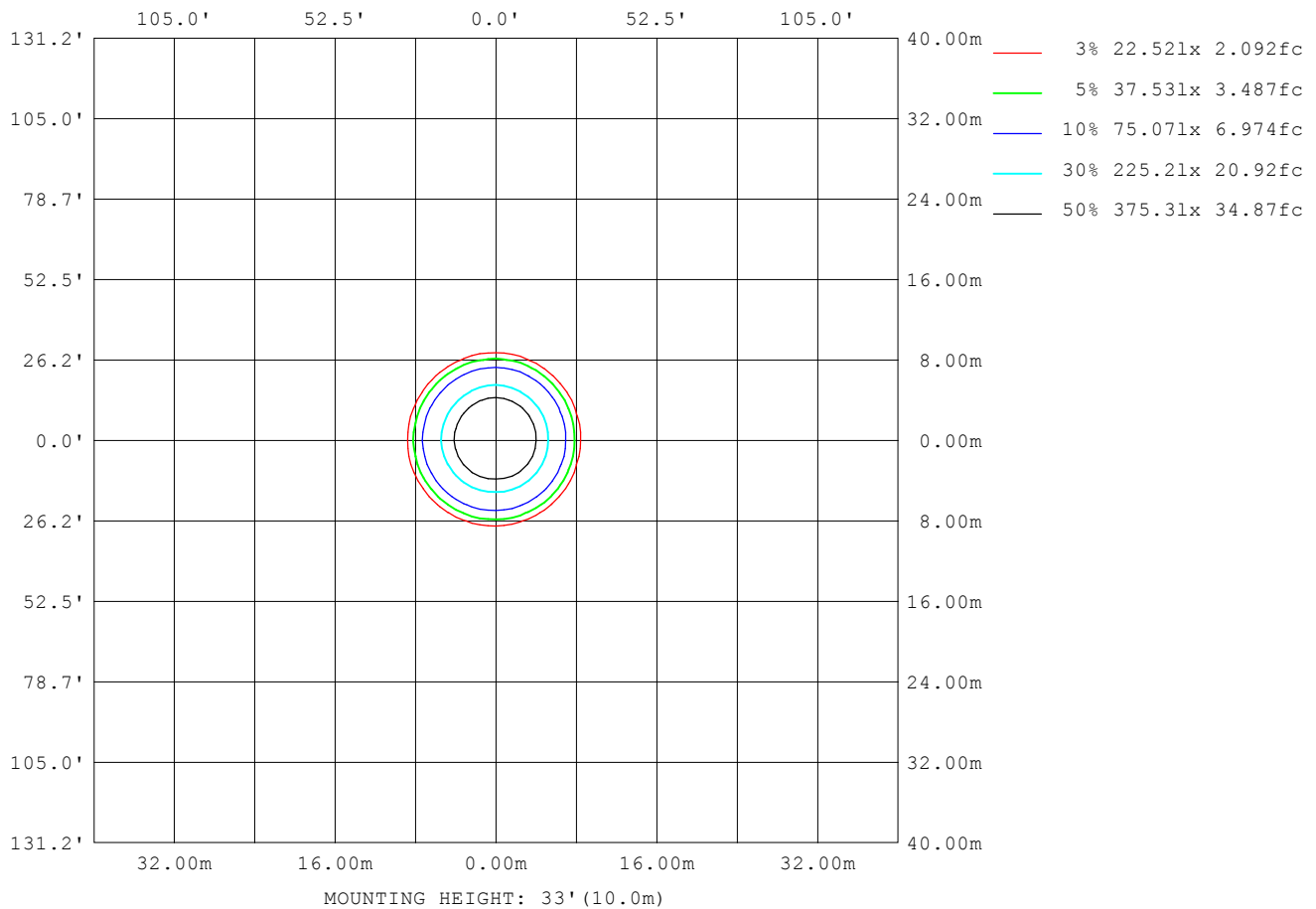


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Remarks:

ISOLUX DIAGRAM

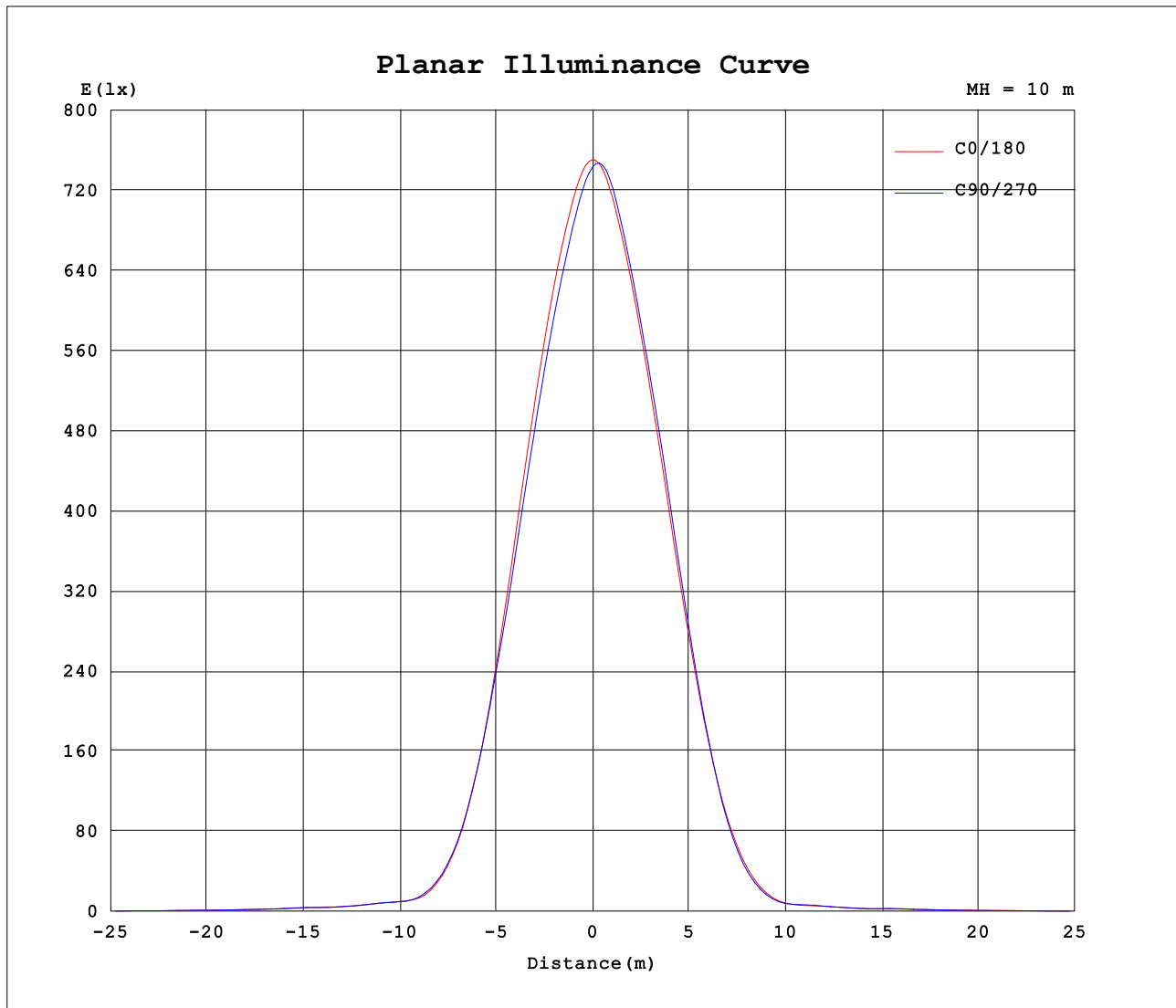
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Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
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Remarks:

Planar Illuminance Curve

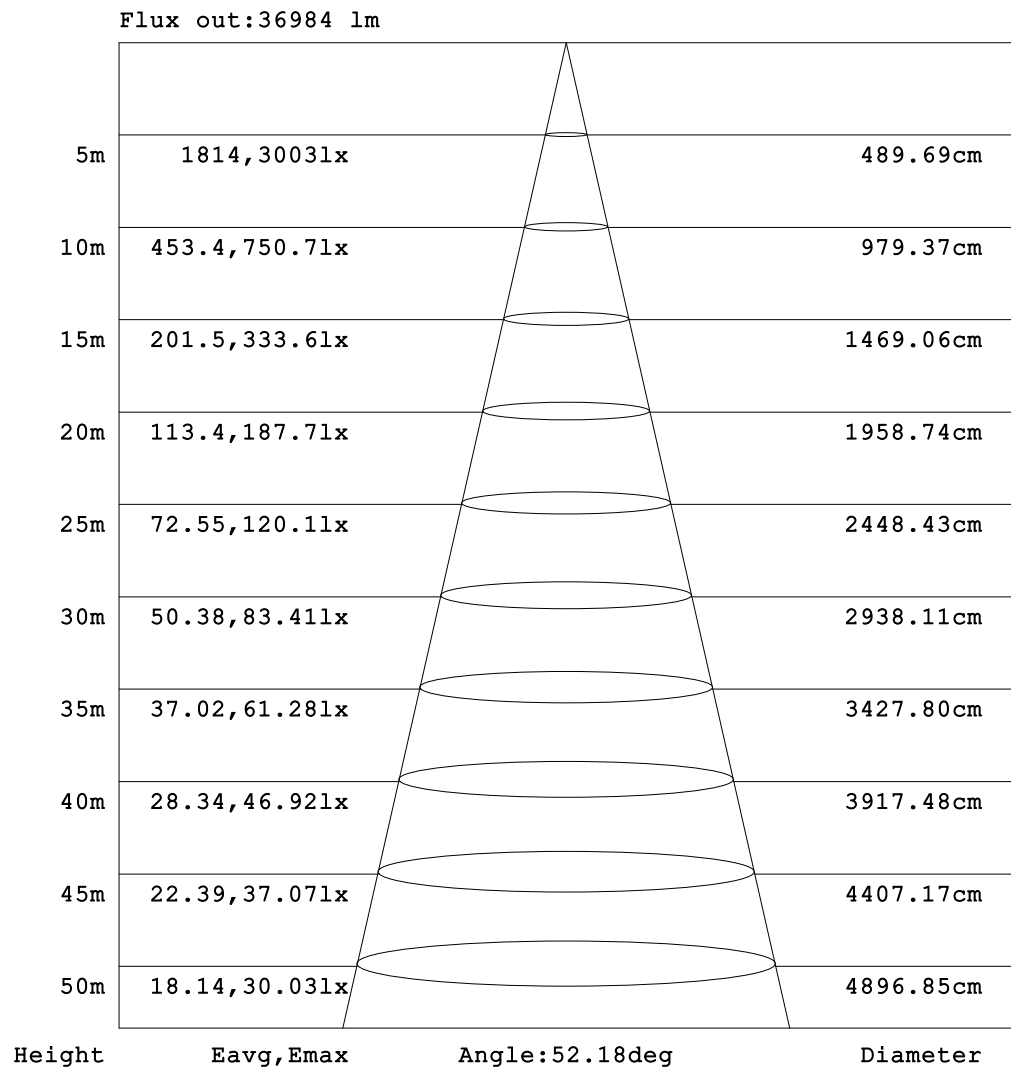


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:233.41V I:1.3961A P:320.40W PF:0.9832 Freq:49.97Hz Lamp Flux:58810.5x1 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:2024-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:233.41V I:1.3961A P:320.40W PF:0.9832 Freq:49.97Hz Lamp Flux:58810.5x1 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	14.8	11.3	11.0	11.2	11.8	12.9	14.7	17.1	19.9	23.1	26.9	31.1	35.3	39.1	42.4	45.4	48.0	50.4	52.6
-170	14.8	11.3	11.0	11.2	11.7	12.7	14.4	16.7	19.5	22.7	26.4	30.5	34.5	38.4	42.0	45.0	47.7	49.9	51.4
-160	14.8	11.3	11.0	11.1	11.5	12.3	13.7	15.7	18.2	21.1	24.3	27.8	31.5	34.9	38.0	40.9	43.4	45.1	46.0
-150	14.8	11.4	11.0	11.1	11.3	11.8	12.8	14.3	16.3	18.6	21.1	23.9	26.7	29.5	32.1	34.2	35.8	37.0	37.5
-140	14.8	11.5	11.1	11.0	11.1	11.4	11.9	12.8	14.1	15.6	17.4	19.3	21.3	23.2	25.0	26.6	27.8	28.7	29.1
-130	14.8	11.6	11.2	11.0	11.0	11.1	11.3	11.6	12.2	12.9	13.9	14.9	16.0	17.1	18.2	19.0	19.7	20.2	20.4
-120	14.8	11.8	11.4	11.1	11.0	11.0	11.0	11.0	11.1	11.2	11.5	11.8	12.1	12.5	12.8	13.1	13.4	13.5	13.5
-110	14.8	12.2	11.7	11.4	11.2	11.1	11.0	11.0	10.9	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.3
-100	14.8	13.2	12.4	12.1	11.9	11.8	11.7	11.5	11.4	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.0	11.0	11.0
-90	14.8	14.9	15.0	15.1	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
-80	14.8	17.5	20.5	24.3	29.4	35.3	40.7	42.8	45.7	49.1	51.9	55.5	59.4	63.1	65.2	67.3	69.2	71.0	72.6
-70	14.8	20.5	29.6	41.7	46.9	49.9	54.3	51.8	54.6	57.4	60.2	64.6	69.2	73.5	77.7	81.2	83.8	85.3	85.8
-60	14.8	24.0	41.6	47.6	51.1	51.5	56.8	65.1	77.2	91.9	107	120	132	143	152	161	169	175	177
-50	14.8	28.2	45.4	49.2	51.7	60.4	77.1	99.5	119	138	161	184	195	188	196	213	227	238	244
-40	14.8	33.0	46.5	48.9	57.8	78.0	106	129	158	183	176	208	239	251	281	362	455	510	517
-30	14.8	36.9	46.5	51.2	66.8	97.9	125	159	173	189	226	256	468	852	1337	1818	2205	2434	2478
-20	14.8	39.8	46.8	53.8	76.8	111	140	172	178	218	284	701	1435	2348	3249	3976	4504	4796	4846
-10	14.8	41.6	46.5	55.6	84.2	117	154	159	197	220	549	1353	2483	3663	4707	5535	6111	6428	6466
0	14.8	42.2	46.0	56.1	86.8	119	157	153	199	234	709	1686	2957	4212	5321	6181	6829	7312	7507
10	14.8	41.5	46.0	55.4	83.7	116	152	155	194	213	560	1398	2573	3797	4892	5756	6369	6770	6939
20	14.8	39.7	46.1	53.2	76.0	109	137	167	171	207	281	743	1546	2541	3523	4340	4959	5341	5487
30	14.8	36.9	46.1	50.4	65.6	96.0	121	153	160	177	209	240	503	954	1532	2107	2586	2897	3008
40	14.8	33.0	46.5	48.0	56.5	75.9	102	122	149	170	156	189	213	213	274	400	526	621	650
50	14.8	28.2	45.2	46.7	50.1	58.4	74.2	95.3	112	127	148	170	164	154	167	183	195	203	207
60	14.8	24.1	41.5	47.4	46.7	49.4	53.9	61.7	72.9	86.7	99.2	109	117	124	131	138	144	147	148
70	14.8	20.5	29.7	41.5	46.4	48.8	47.2	48.5	50.7	52.1	55.4	59.1	62.7	66.1	69.3	71.9	73.7	74.5	74.3
80	14.8	17.5	20.5	24.4	29.6	35.2	40.2	42.0	44.8	48.0	51.4	54.1	54.1	53.8	52.1	50.5	49.3	48.5	48.3
90	14.8	14.9	15.0	15.1	15.1	15.2	15.3	15.3	15.4	15.5	15.6	15.6	15.7	15.8	15.9	15.9	16.0	16.1	16.2
100	14.8	13.1	12.3	11.9	11.8	11.6	11.5	11.4	11.3	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
110	14.8	12.2	11.6	11.4	11.2	11.0	11.0	11.1	11.1	11.2	11.3	11.3	11.4	11.5	11.6	11.7	11.7	11.7	11.8
120	14.8	11.7	11.3	11.1	11.0	11.1	11.2	11.4	11.6	11.9	12.3	12.6	13.1	13.4	13.8	14.1	14.3	14.5	14.5
130	14.8	11.6	11.2	11.0	11.1	11.3	11.6	12.1	12.7	13.5	14.4	15.4	16.3	17.2	18.0	18.7	19.2	19.5	19.5
140	14.8	11.4	11.0	11.1	11.2	11.6	12.3	13.2	14.4	15.9	17.4	19.1	20.6	22.2	23.7	24.9	25.9	26.5	26.7
150	14.8	11.4	11.0	11.1	11.4	12.1	13.1	14.6	16.4	18.5	20.7	23.1	25.7	28.3	30.6	32.6	34.1	35.0	35.2
160	14.8	11.3	11.0	11.2	11.6	12.5	13.9	15.8	18.2	20.8	23.8	27.2	30.7	34.0	37.0	39.3	41.1	42.3	42.7
170	14.8	11.3	11.0	11.2	11.7	12.8	14.5	16.7	19.4	22.5	26.1	30.1	34.1	37.8	41.0	43.8	46.2	48.1	49.1
180	14.8	11.3	11.0	11.2	11.8	12.9	14.7	17.1	19.9	23.1	26.9	31.1	35.3	39.1	42.4	45.4	48.0	50.4	52.4

C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:233.41V I:1.3961A P:320.40W PF:0.9832 Freq:49.97Hz Lamp Flux:58810.5x1 lm																		
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	53.0	52.3	50.2	46.9	42.8	37.6	33.0	28.8	24.5	20.4	16.7	13.7	11.6	10.6	10.5	11.1	12.0	13.6	
-170	51.2	50.1	48.0	45.0	40.7	36.2	32.0	27.9	23.8	19.9	16.3	13.5	11.5	10.6	10.5	11.1	12.0	13.6	
-160	45.8	44.7	42.5	39.4	36.1	32.7	29.2	25.4	21.7	18.2	15.2	12.8	11.2	10.5	10.5	11.2	12.1	13.6	
-150	37.2	36.3	34.8	32.8	30.4	27.7	24.7	21.7	18.7	15.9	13.6	11.8	10.7	10.4	10.7	11.3	12.2	13.6	
-140	28.9	28.1	27.0	25.5	23.7	21.7	19.5	17.3	15.2	13.4	11.9	10.9	10.5	10.5	10.9	11.4	12.4	13.6	
-130	20.2	19.8	19.1	18.2	17.1	15.8	14.6	13.4	12.2	11.3	10.7	10.4	10.4	10.7	11.1	11.7	12.6	13.6	
-120	13.4	13.2	12.9	12.6	12.1	11.7	11.2	10.8	10.6	10.4	10.4	10.5	10.7	11.1	11.5	12.1	12.8	13.6	
-110	10.4	10.4	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.7	10.9	11.1	11.3	11.6	12.1	12.6	13.1	13.6	
-100	11.0	11.0	11.1	11.1	11.2	11.2	11.3	11.4	11.5	11.7	11.9	12.2	12.4	12.7	13.0	13.2	13.4	13.6	
-90	16.6	16.4	16.2	16.0	15.9	15.7	15.5	15.4	15.2	15.0	14.8	14.7	14.5	14.3	14.1	14.0	13.8	13.6	
-80	71.1	69.4	67.4	65.1	62.4	58.4	54.0	48.8	43.0	38.4	33.7	29.2	24.8	21.1	17.9	15.6	14.3	13.6	
-70	85.0	83.1	80.3	76.8	72.8	69.0	64.8	60.6	58.3	56.7	52.6	55.5	47.2	36.8	27.4	20.0	15.2	13.6	
-60	175	171	164	156	147	136	122	107	88.7	74.8	65.1	57.8	53.7	52.5	40.1	26.1	16.9	13.6	
-50	241	233	221	208	212	221	197	168	146	124	97.1	74.1	61.0	54.8	49.5	33.3	18.9	13.6	
-40	492	425	335	281	280	267	227	214	210	167	138	106	74.4	58.5	50.3	40.1	20.6	13.6	
-30	2382	2102	1674	1171	707	382	280	266	214	220	169	134	94.3	66.1	55.0	43.5	22.4	13.6	
-20	4761	4421	3829	3019	2062	1162	527	285	267	211	206	152	114	73.1	55.4	46.2	23.9	13.6	
-10	6412	6068	5436	4511	3352	2093	1023	394	283	232	223	166	124	78.5	56.6	48.3	24.7	13.6	
0	7285	6784	6082	5113	3860	2484	1254	479	282	241	227	170	128	80.3	57.0	48.7	24.9	13.6	
10	6755	6326	5657	4697	3485	2183	1068	405	276	228	219	164	123	78.0	56.4	47.9	24.7	13.6	
20	5306	4876	4193	3294	2256	1272	569	282	256	204	201	149	112	72.2	54.8	45.5	23.9	13.6	
30	2845	2482	1963	1365	810	416	264	249	203	207	163	130	92.5	65.0	54.2	43.1	22.4	13.6	
40	602	496	373	275	243	241	208	194	197	158	132	102	72.3	57.2	49.3	40.0	20.6	13.6	
50	206	200	190	179	178	190	182	154	135	117	92.9	71.2	59.0	53.2	47.0	33.1	19.0	13.6	
60	148	145	140	135	129	122	112	99.1	83.4	70.4	61.7	54.8	51.6	48.2	39.9	26.0	17.0	13.6	
70	74.1	73.1	71.0	68.4	65.4	62.4	59.3	55.8	53.0	52.9	49.3	48.4	46.2	36.3	27.2	20.1	15.2	13.6	
80	48.6	49.5	50.7	51.9	53.1	53.1	52.6	48.3	41.9	37.4	33.0	28.7	24.7	21.2	18.1	15.6	14.3	13.6	
90	16.0	15.9	15.7	15.6	15.5	15.3	15.2	15.0	14.9	14.8	14.6	14.5	14.3	14.2	14.1	13.9	13.8	13.6	
100	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.3	11.4	11.5	11.7	12.0	12.2	12.5	12.8	13.1	13.4	13.6	
110	11.7	11.6	11.5	11.3	11.2	11.1	11.0	10.9	10.9	10.9	11.0	11.1	11.3	11.5	12.0	12.5	13.1	13.6	
120	14.4	14.2	13.9	13.5	13.1	12.6	12.1	11.6	11.2	10.9	10.8	10.7	10.9	11.1	11.4	12.0	12.8	13.6	
130	19.5	19.2	18.7	18.0	17.1	16.1	15.0	13.9	12.8	11.9	11.2	10.8	10.6	10.8	11.1	11.6	12.5	13.6	
140	26.7	26.2	25.4	24.2	22.7	21.0	19.2	17.3	15.5	13.7	12.3	11.3	10.7	10.6	10.9	11.4	12.3	13.6	
150	35.2	34.5	33.2	31.4	29.2	26.7	24.0	21.3	18.6	16.0	13.8	12.1	11.0	10.5	10.7	11.3	12.2	13.6	
160	43.0	42.4	40.9	38.4	35.2	31.9	28.5	25.0	21.5	18.2	15.3	12.9	11.3	10.6	10.6	11.2	12.1	13.6	
170	49.4	48.6	46.8	44.0	40.2	35.8	31.6	27.6	23.6	19.8	16.3	13.5	11.6	10.6	10.5	11.1	12.0	13.6	
180	53.0	52.3	50.2	46.9	42.8	37.6	33.0	28.8	24.5	20.4	16.7	13.7	11.6	10.6	10.5	11.1	12.0	13.6	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2024-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks: