

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	800.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	2.0 degrees horizontal

Beam Spread	At 10% of Imax	112.9V x 115.3H
	At 50% of Imax	60.5V x 60.5H
	At 90% of Imax	20.8V x 22.8H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	893.5 lumens per klm.
	To 50% of Imax	484.7 lumens per klm.
	To 90% of Imax	89.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

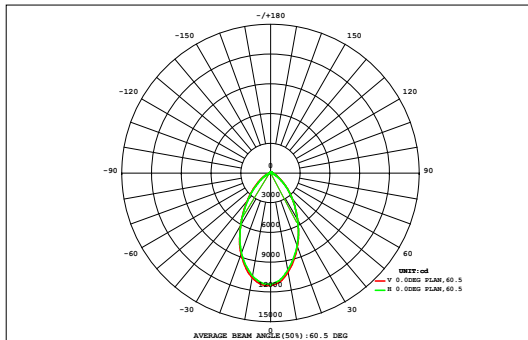
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-30

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:218.60V I:0.4675A P:99.943W PF:0.9780 Freq:49.99Hz Lamp Flux:14191.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:142.00lm/W	
MODEL		Imax (cd)	11354
NOMINAL POWER (W)	100	AVAILABILITY (%)	89.5
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	12703
NOMINAL FLUX (lm)	14191.4	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	14191
TEST VOLTAGE (V)	220	θ @50% (H,V)	61,60DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.07	0.23	0.40	0.59	0.79	0.99	1.17	1.30	1.36	1.38	1.37	1.28	1.13	0.95	0.75	0.54	0.33	0.11	14.7	0.00
90	0.07	0.23	0.40	0.59	0.79	0.99	1.17	1.30	1.36	1.38	1.37	1.28	1.13	0.95	0.75	0.54	0.33	0.11	14.7	0.00
80	0.08	0.29	0.69	1.39	2.41	3.59	4.73	5.61	6.03	6.06	5.67	4.83	3.71	2.53	1.53	0.82	0.39	0.12	50.5	0.00
70	0.09	0.44	1.44	3.37	6.16	9.49	12.9	15.5	16.9	17.0	15.7	13.0	9.67	6.32	3.50	1.55	0.53	0.12	134	0.00
60	0.10	0.69	2.57	6.22	11.8	19.0	27.2	34.4	38.5	38.6	34.6	27.4	19.3	12.0	6.41	2.69	0.77	0.14	282	116
50	0.11	1.00	3.90	9.77	19.7	34.1	51.5	68.5	79.1	79.4	69.3	52.3	34.6	20.0	10.0	4.05	1.08	0.15	538	466
40	0.13	1.32	5.30	13.9	29.9	55.0	87.1	119	140	142	121	89.6	56.4	30.5	14.2	5.48	1.40	0.17	913	865
30	0.15	1.61	6.62	18.3	41.2	78.4	127	179	215	218	185	133	81.9	42.4	18.7	6.83	1.70	0.18	1356	1319
20	0.16	1.83	7.67	21.9	51.0	98.0	163	233	282	287	245	174	105	53.2	22.5	7.90	1.93	0.20	1755	1723
10	0.17	1.96	8.29	24.1	56.6	109	183	263	323	329	281	200	118	59.6	24.8	8.54	2.06	0.20	1993	1963
0	0.17	1.95	8.29	24.2	56.5	108	181	259	316	323	276	198	118	59.6	24.9	8.54	2.06	0.20	1965	1935
-10	0.16	1.83	7.67	22.0	51.0	96.6	158	222	264	269	234	169	103	53.2	22.6	7.91	1.92	0.20	1684	1652
-20	0.15	1.60	6.61	18.3	41.4	77.3	122	168	197	200	174	128	80.8	42.7	18.7	6.83	1.69	0.18	1286	1249
-30	0.13	1.31	5.28	14.0	30.1	55.2	85.2	113	131	132	116	87.8	56.6	30.8	14.3	5.46	1.39	0.17	880	832
-40	0.11	0.99	3.85	9.78	19.8	34.5	52.2	68.4	78.0	78.4	69.2	53.0	35.0	20.1	10.0	4.01	1.07	0.15	539	466
-50	0.10	0.69	2.51	6.14	11.8	19.2	27.5	35.0	39.3	39.4	35.2	27.8	19.4	12.0	6.32	2.63	0.77	0.14	286	118
-60	0.09	0.45	1.41	3.25	5.97	9.33	12.8	15.6	17.1	17.1	15.7	12.9	9.50	6.14	3.38	1.52	0.54	0.13	133	0.00
-70	0.08	0.30	0.71	1.40	2.32	3.38	4.41	5.18	5.53	5.55	5.25	4.51	3.50	2.45	1.53	0.85	0.40	0.12	47.5	0.00
-80	0.08	0.25	0.44	0.66	0.90	1.14	1.35	1.50	1.58	1.61	1.57	1.46	1.28	1.06	0.82	0.58	0.34	0.11	16.7	0.00
-90	0.08	0.25	0.44	0.66	0.90	1.14	1.35	1.50	1.58	1.61	1.57	1.46	1.28	1.06	0.82	0.58	0.34	0.11	16.7	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.11	18.7	73.7	199	439	812	1301	1807	2153	2184	1886	1379	856	456	205	76.7	20.4	2.78	13872	---
Φ a	0.00	0.00	0.00	87.0	356	737	1228	1736	2080	2111	1815	1305	780	374	94.2	0.00	0.00	0.00	---	12703

one-half-peak spread: U:29.3,D:29.6 , L:31.3,R:29.7

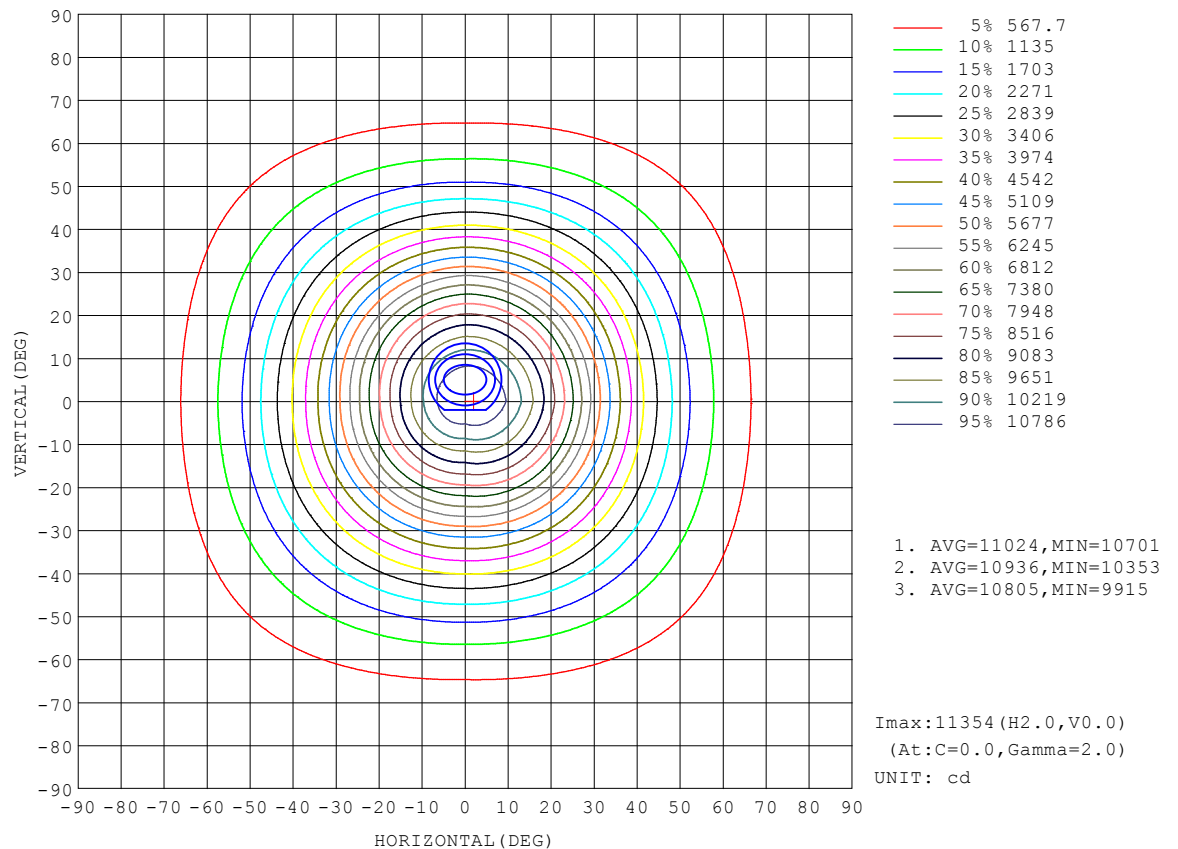
NEMA Beam Type: Type 6

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:218.60V I:0.4675A P:99.943W PF:0.9780 Freq:49.99Hz Lamp Flux:14191.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

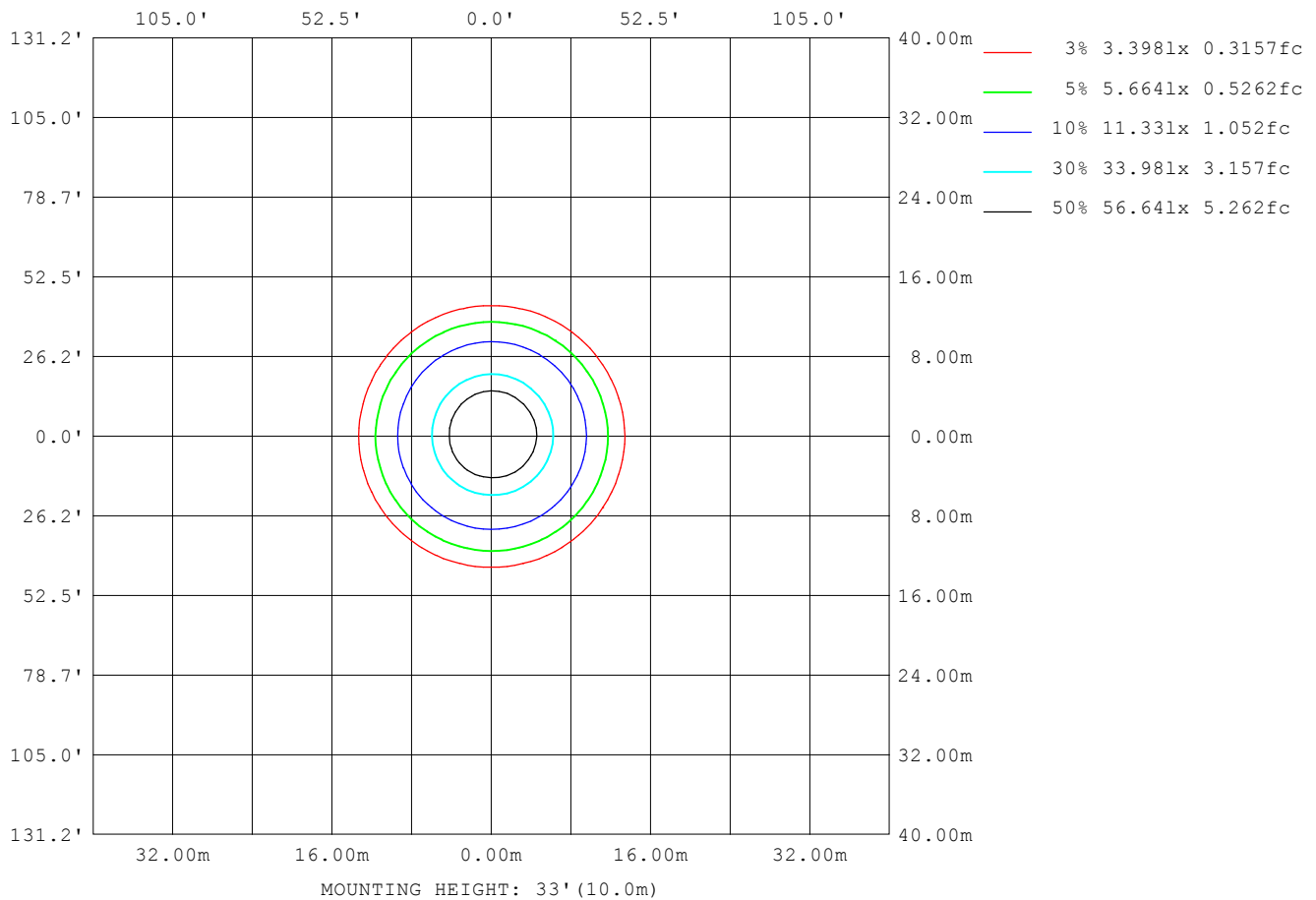


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Remarks:

ISOLUX DIAGRAM

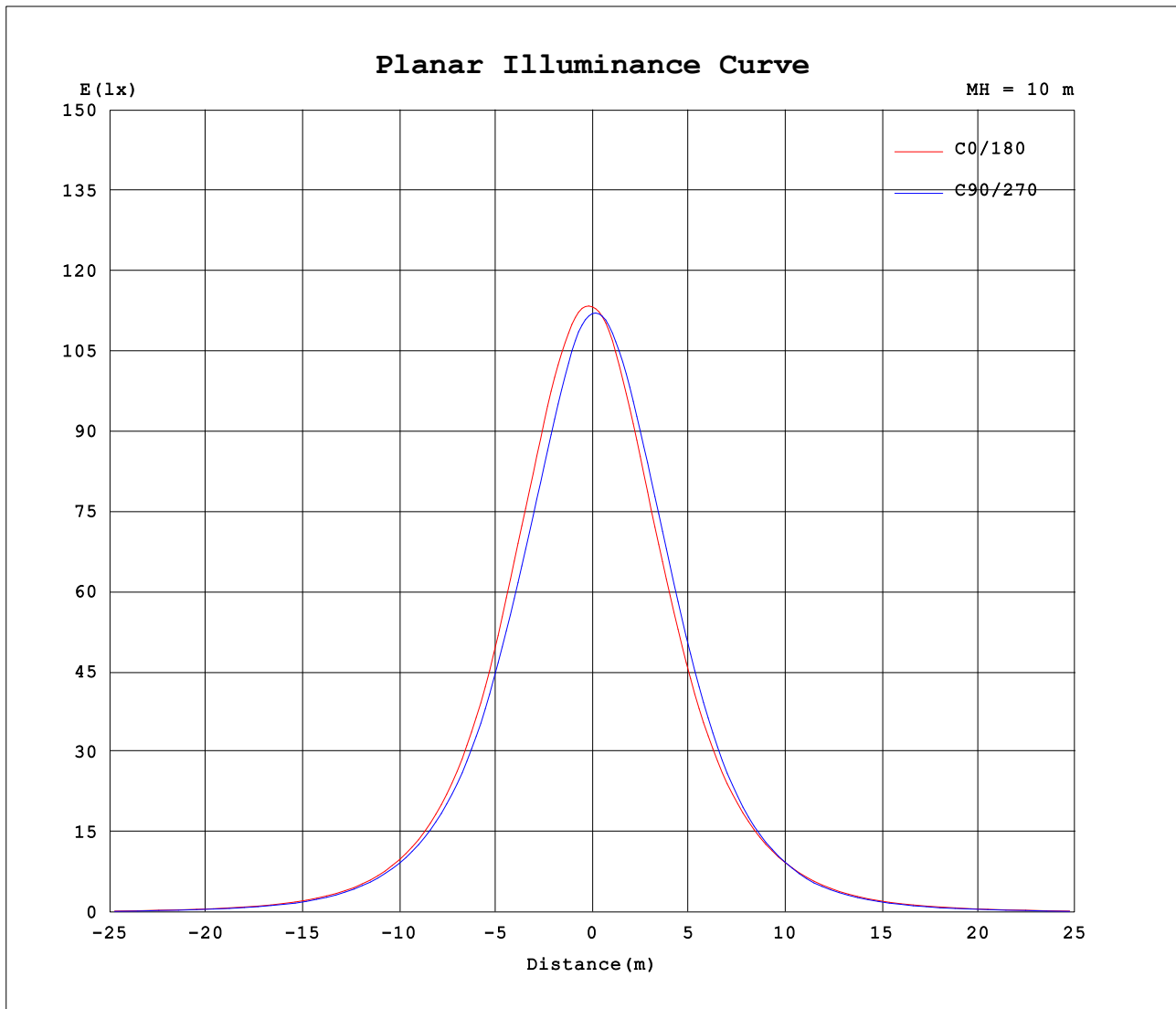
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NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



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Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
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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:

Planar Illuminance Curve

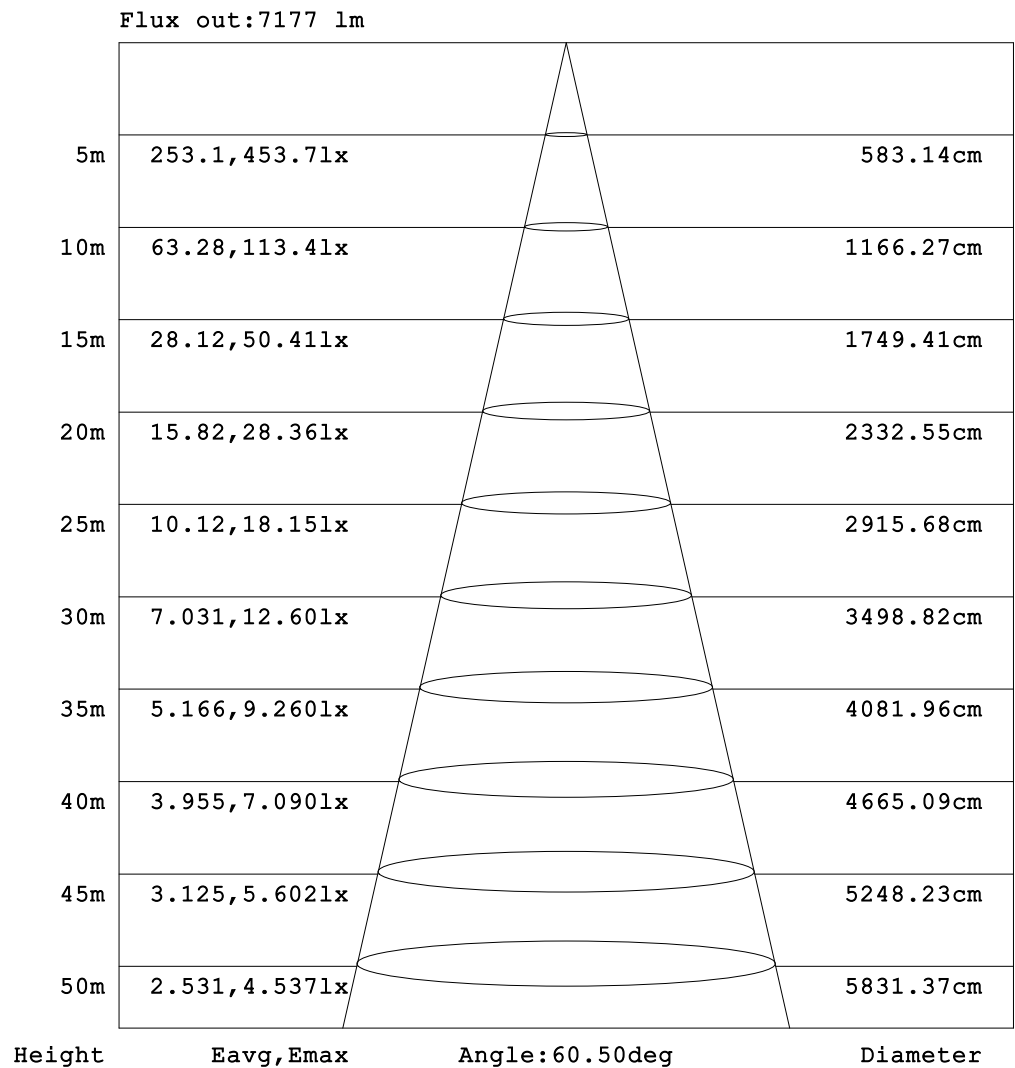


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2024-11-30

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:

AAI Figure

Test:U:218.60V I:0.4675A P:99.943W PF:0.9780 Freq:49.99Hz Lamp Flux:14191.4x1 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:218.60V I:0.4675A P:99.943W PF:0.9780 Freq:49.99Hz Lamp Flux:14191.4x1 lm									
NAME:					TYPE:				
SPEC.:					DIM.:				
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	2.78	2.73	2.92	3.19	3.53	3.94	4.42	4.99	5.63	6.31	7.02	7.68	8.29	8.86	9.38	9.86	10.3	10.6	10.7
-170	2.78	2.74	2.92	3.18	3.51	3.89	4.35	4.89	5.49	6.12	6.78	7.42	8.03	8.61	9.10	9.53	9.87	10.1	10.1
-160	2.78	2.74	2.91	3.15	3.44	3.78	4.19	4.66	5.18	5.73	6.29	6.86	7.40	7.92	8.40	8.77	9.03	9.20	9.24
-150	2.78	2.75	2.89	3.09	3.34	3.63	3.96	4.34	4.75	5.19	5.65	6.08	6.50	6.89	7.24	7.54	7.77	7.91	7.93
-140	2.78	2.75	2.87	3.03	3.22	3.45	3.70	3.97	4.28	4.59	4.92	5.24	5.54	5.80	6.01	6.18	6.29	6.33	6.31
-130	2.78	2.75	2.84	2.97	3.11	3.26	3.44	3.62	3.82	4.02	4.23	4.43	4.62	4.79	4.92	5.03	5.10	5.12	5.10
-120	2.78	2.76	2.82	2.91	3.01	3.11	3.21	3.32	3.44	3.55	3.66	3.76	3.86	3.95	4.02	4.07	4.11	4.12	4.11
-110	2.78	2.79	2.81	2.87	2.94	3.00	3.06	3.12	3.18	3.23	3.29	3.33	3.37	3.41	3.44	3.46	3.47	3.48	3.48
-100	2.78	2.82	2.85	2.88	2.93	2.97	3.02	3.06	3.11	3.14	3.17	3.21	3.23	3.26	3.28	3.31	3.33	3.35	3.38
-90	2.78	2.84	2.91	2.98	3.04	3.11	3.17	3.24	3.31	3.37	3.44	3.50	3.57	3.64	3.70	3.77	3.84	3.90	3.97
-80	2.78	2.92	3.10	3.32	3.59	3.93	4.39	4.90	5.44	5.95	6.47	6.91	7.32	7.63	7.93	8.12	8.20	8.19	8.08
-70	2.78	3.03	3.46	4.33	5.73	7.51	9.65	12.1	14.6	17.4	20.1	22.9	25.5	27.9	29.9	31.4	32.5	32.9	32.8
-60	2.78	3.17	4.22	6.55	9.96	14.4	19.6	25.7	32.4	39.4	46.9	54.2	61.3	68.4	74.5	79.5	83.3	85.4	85.7
-50	2.78	3.33	5.42	9.68	15.8	23.7	33.3	44.2	56.7	70.7	86.5	103	120	138	154	168	179	186	188
-40	2.78	3.51	6.85	13.3	22.5	34.3	48.8	66.1	87.8	113	143	176	212	245	277	305	325	338	343
-30	2.78	3.76	8.31	16.8	29.0	44.7	64.5	90.5	123	164	213	265	320	374	427	475	513	537	545
-20	2.78	3.98	9.57	19.9	34.5	53.8	79.1	113	158	214	278	350	427	510	594	672	732	769	781
-10	2.78	4.12	10.4	22.0	38.3	60.0	89.8	130	184	250	327	414	513	623	735	834	921	978	995
0	2.78	4.16	10.7	22.8	39.7	62.4	93.7	136	194	263	344	438	547	668	790	910	1016	1100	1133
10	2.78	4.11	10.4	22.0	38.3	60.0	89.6	130	183	250	328	418	523	638	757	863	956	1023	1055
20	2.78	3.96	9.58	20.0	34.7	53.8	78.9	113	157	213	280	355	439	531	624	712	785	834	859
30	2.78	3.73	8.31	17.0	29.2	44.7	64.5	90.0	123	163	210	267	325	386	447	505	554	588	604
40	2.78	3.48	6.82	13.4	22.8	34.7	48.9	65.9	87.0	112	141	174	208	247	282	313	337	353	359
50	2.78	3.29	5.36	9.72	16.1	24.2	33.7	44.4	56.8	70.0	85.3	102	119	136	151	165	174	180	182
60	2.78	3.11	4.12	6.46	10.1	14.8	20.3	26.4	33.1	39.9	47.0	54.3	61.1	67.3	73.0	77.5	81.0	83.0	83.2
70	2.78	2.97	3.35	4.18	5.57	7.45	9.80	12.5	15.4	18.4	21.4	24.2	26.8	29.1	31.2	32.8	33.9	34.3	34.3
80	2.78	2.85	2.97	3.14	3.35	3.65	4.07	4.56	5.09	5.61	6.19	6.73	7.27	7.72	8.13	8.43	8.61	8.66	8.60
90	2.78	2.77	2.77	2.76	2.76	2.76	2.75	2.75	2.74	2.74	2.74	2.73	2.73	2.72	2.72	2.72	2.71	2.71	2.70
100	2.78	2.75	2.72	2.70	2.70	2.71	2.72	2.74	2.76	2.78	2.80	2.81	2.83	2.84	2.86	2.86	2.87	2.87	2.87
110	2.78	2.73	2.70	2.73	2.78	2.83	2.90	2.96	3.03	3.09	3.16	3.22	3.27	3.32	3.36	3.39	3.41	3.42	3.41
120	2.78	2.71	2.73	2.81	2.90	3.01	3.14	3.26	3.40	3.53	3.66	3.78	3.89	3.99	4.08	4.15	4.19	4.21	4.21
130	2.78	2.70	2.77	2.90	3.04	3.22	3.41	3.61	3.83	4.05	4.28	4.49	4.70	4.89	5.04	5.17	5.25	5.29	5.29
140	2.78	2.71	2.82	2.98	3.19	3.43	3.69	3.99	4.31	4.64	4.99	5.33	5.65	5.93	6.18	6.37	6.51	6.57	6.56
150	2.78	2.72	2.86	3.06	3.32	3.62	3.97	4.36	4.79	5.25	5.71	6.18	6.62	7.01	7.33	7.58	7.74	7.83	7.82
160	2.78	2.73	2.89	3.13	3.43	3.78	4.20	4.67	5.21	5.77	6.36	6.93	7.45	7.91	8.31	8.65	8.90	9.03	9.04
170	2.78	2.73	2.91	3.17	3.50	3.89	4.36	4.90	5.50	6.15	6.81	7.45	8.03	8.57	9.05	9.46	9.79	9.98	9.99
180	2.78	2.73	2.92	3.19	3.53	3.94	4.42	4.99	5.63	6.31	7.02	7.68	8.29	8.86	9.38	9.86	10.3	10.6	10.6

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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	10.6	10.3	9.93	9.40	8.77	8.07	7.21	6.39	5.68	5.11	4.62	4.20	3.87	3.64	3.54	3.59	3.80	4.17	
-170	10.1	9.91	9.56	9.08	8.50	7.80	6.99	6.23	5.58	5.04	4.56	4.15	3.84	3.62	3.53	3.59	3.80	4.17	
-160	9.20	9.02	8.73	8.32	7.74	7.08	6.42	5.81	5.29	4.82	4.40	4.04	3.77	3.59	3.52	3.60	3.81	4.17	
-150	7.88	7.71	7.42	7.05	6.61	6.15	5.70	5.28	4.88	4.50	4.16	3.88	3.67	3.55	3.52	3.62	3.83	4.17	
-140	6.28	6.18	6.02	5.80	5.55	5.28	4.99	4.69	4.40	4.13	3.90	3.71	3.58	3.51	3.54	3.65	3.86	4.17	
-130	5.08	5.02	4.93	4.80	4.65	4.48	4.30	4.12	3.94	3.78	3.65	3.56	3.51	3.51	3.57	3.71	3.90	4.17	
-120	4.11	4.08	4.04	3.98	3.90	3.83	3.74	3.66	3.59	3.54	3.50	3.48	3.50	3.55	3.65	3.78	3.96	4.17	
-110	3.49	3.49	3.48	3.48	3.47	3.46	3.45	3.44	3.44	3.46	3.49	3.53	3.59	3.67	3.76	3.88	4.02	4.17	
-100	3.39	3.41	3.43	3.44	3.47	3.49	3.52	3.56	3.59	3.64	3.68	3.74	3.79	3.86	3.93	4.00	4.08	4.17	
-90	3.98	3.99	4.00	4.01	4.02	4.03	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.14	4.15	4.16	4.17	
-80	8.25	8.33	8.31	8.19	7.96	7.73	7.41	7.05	6.63	6.23	5.82	5.44	5.09	4.82	4.61	4.43	4.27	4.17	
-70	33.0	32.7	31.7	30.3	28.4	26.0	23.4	20.7	18.0	15.3	12.7	10.4	8.43	6.82	5.64	4.87	4.44	4.17	
-60	85.5	83.5	79.8	75.0	69.2	62.2	55.0	47.7	40.4	33.3	26.6	20.5	15.2	10.9	7.67	5.62	4.63	4.17	
-50	187	180	170	156	140	122	104	87.5	72.2	58.0	45.5	34.4	24.7	16.8	10.7	6.72	4.84	4.17	
-40	341	329	310	283	251	216	179	146	114	89.1	67.7	50.2	35.6	23.5	14.2	8.06	5.05	4.17	
-30	543	524	490	443	389	332	274	218	168	126	92.2	66.3	46.2	30.3	17.9	9.46	5.30	4.17	
-20	782	757	704	627	542	454	369	291	221	162	116	80.8	55.4	36.0	21.0	10.7	5.52	4.17	
-10	996	957	885	793	675	557	446	347	262	189	133	91.6	61.9	39.8	23.1	11.5	5.66	4.17	
0	1125	1072	982	871	743	604	480	371	278	200	140	96.1	64.5	41.4	24.0	11.8	5.71	4.17	
10	1042	992	913	814	690	567	451	349	262	189	133	91.4	61.9	39.9	23.2	11.5	5.65	4.17	
20	847	809	744	657	563	465	374	293	220	161	116	80.6	55.4	36.1	21.1	10.7	5.50	4.17	
30	594	565	520	464	401	338	277	216	167	125	91.7	66.3	46.3	30.5	18.1	9.45	5.28	4.17	
40	355	341	318	288	252	212	177	144	114	88.3	67.6	50.2	35.9	23.9	14.4	8.03	5.01	4.17	
50	181	175	166	153	137	121	104	86.3	71.5	58.1	45.6	34.9	25.2	17.1	10.7	6.66	4.79	4.17	
60	83.1	81.3	77.8	73.5	68.2	61.9	55.2	47.8	40.9	34.0	27.3	21.1	15.6	11.0	7.59	5.53	4.58	4.17	
70	34.4	34.0	33.1	31.6	29.5	27.3	24.8	22.0	19.0	16.1	13.2	10.6	8.37	6.66	5.48	4.76	4.38	4.17	
80	8.73	8.73	8.62	8.39	8.05	7.68	7.23	6.78	6.29	5.89	5.48	5.11	4.80	4.58	4.42	4.30	4.21	4.17	
90	2.79	2.87	2.95	3.03	3.11	3.19	3.27	3.35	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.01	4.09	4.17	
100	2.91	2.95	2.98	3.02	3.05	3.09	3.13	3.18	3.23	3.29	3.36	3.43	3.52	3.63	3.74	3.87	4.02	4.17	
110	3.42	3.42	3.41	3.40	3.38	3.35	3.33	3.32	3.31	3.31	3.33	3.36	3.42	3.51	3.62	3.77	3.95	4.17	
120	4.20	4.16	4.11	4.04	3.95	3.86	3.76	3.66	3.57	3.49	3.44	3.40	3.41	3.45	3.55	3.69	3.90	4.17	
130	5.26	5.18	5.07	4.92	4.75	4.56	4.36	4.16	3.97	3.80	3.65	3.53	3.46	3.45	3.51	3.64	3.86	4.17	
140	6.52	6.40	6.21	5.97	5.69	5.39	5.07	4.75	4.45	4.16	3.91	3.71	3.56	3.48	3.49	3.60	3.83	4.17	
150	7.80	7.68	7.46	7.14	6.73	6.27	5.80	5.35	4.93	4.53	4.18	3.89	3.67	3.53	3.49	3.58	3.81	4.17	
160	9.03	8.89	8.61	8.22	7.73	7.13	6.49	5.87	5.33	4.85	4.42	4.05	3.77	3.58	3.51	3.58	3.79	4.17	
170	10.0	9.82	9.49	9.03	8.45	7.79	7.01	6.26	5.60	5.05	4.57	4.16	3.84	3.62	3.52	3.58	3.79	4.17	
180	10.6	10.3	9.93	9.40	8.77	8.07	7.21	6.39	5.68	5.11	4.62	4.20	3.87	3.64	3.54	3.59	3.80	4.17	

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: