

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

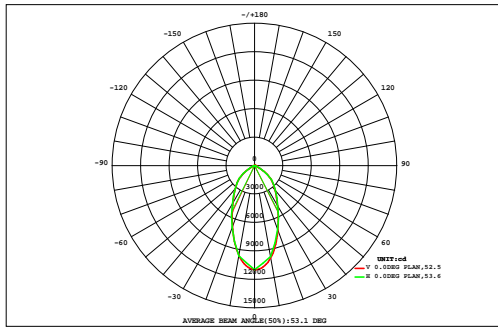
Maximum Intensity (Luminaire orientation as tested.)		871.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	115.9V x 115.6H 53.6V x 52.5H 17.9V x 19.0H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.5 lumens per klm. 934.9 lumens per klm. 398.6 lumens per klm. 56.0 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:126.16lm/W	
MODEL		Imax(cd)	10961
NOMINAL POWER(W)	100	AVAILABILITY(%)	93.9
RATED VOLTAGE(V)	230	Avai. FLUX(lm)	11812
NOMINAL FLUX(lm)	12574.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	12574
TEST VOLTAGE(V)	230	q @50%(H,V)	53,54DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM															UNIT:lm			F t	F a	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.02	0.15	0.47	1.02	1.73	2.65	3.52	4.11	4.27	4.30	4.20	3.63	2.77	1.83	1.10	0.52	0.17	0.02	36.5	0.00	
70	0.03	0.28	1.02	2.28	3.95	6.07	8.56	11.3	13.0	13.3	11.8	9.08	6.34	4.11	2.40	1.07	0.30	0.03	94.9	0.00	
60	0.04	0.47	1.73	3.91	7.52	15.1	24.9	34.1	39.9	40.2	35.0	26.3	16.5	8.31	4.09	1.79	0.49	0.04	260	138	
50	0.05	0.66	2.46	6.03	16.5	37.0	57.2	72.3	80.6	81.0	73.5	58.7	38.4	18.1	6.64	2.52	0.67	0.05	552	502	
40	0.07	0.84	3.15	10.2	32.6	59.0	81.9	102	115	116	104	83.7	60.4	33.9	11.4	3.24	0.84	0.07	819	786	
30	0.08	0.98	3.84	16.7	45.6	74.2	107	142	168	169	145	110	75.9	46.6	17.9	4.03	0.97	0.08	1127	1101	
	0.09	1.09	4.61	22.5	53.5	87.2	133	191	239	242	197	138	89.5	54.4	23.3	4.85	1.06	0.09	1482	1460	
	0.09	1.14	5.23	25.6	57.7	96.1	153	233	304	308	241	158	98.5	58.8	26.5	5.42	1.11	0.09	1774	1754	
	0.09	1.14	5.37	26.0	58.3	97.5	157	240	310	313	245	160	99.2	59.3	26.7	5.39	1.10	0.09	1805	1785	
	0.09	1.09	4.88	23.2	54.6	90.1	139	202	252	253	204	141	91.6	55.7	23.9	4.77	1.05	0.08	1543	1522	
	0.08	0.99	4.09	18.3	47.1	77.7	113	151	177	177	150	113	78.3	48.3	18.4	3.86	0.95	0.07	1179	1156	
-30	0.07	0.84	3.25	11.9	35.3	62.0	86.5	108	122	121	108	87.0	63.0	36.4	11.5	3.07	0.81	0.06	861	830	
-40	0.05	0.67	2.52	6.68	20.4	42.3	62.0	76.9	85.0	84.8	77.0	62.8	43.3	20.2	5.99	2.39	0.64	0.05	594	550	
-50	0.04	0.48	1.79	3.98	8.05	19.4	33.1	44.4	50.3	50.3	44.5	33.4	18.9	7.19	3.62	1.70	0.45	0.03	322	228	
-60	0.03	0.30	1.09	2.43	3.92	4.94	7.54	11.6	14.3	14.1	11.2	7.24	4.52	3.48	2.28	1.01	0.27	0.02	90.3	0.00	
-70	0.02	0.14	0.49	1.08	1.82	2.70	3.22	3.14	2.83	2.76	2.94	2.95	2.54	1.71	1.00	0.44	0.12	0.02	29.9	0.00	
-80	0.01	0.04	0.08	0.15	0.24	0.37	0.49	0.53	0.55	0.57	0.51	0.42	0.28	0.17	0.10	0.05	0.02	0.00	4.57	0.00	
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.94	11.3	46.1	182	449	774	1171	1627	1979	1991	1654	1195	790	458	187	46.1	11.0	0.90	12574	---	
F a	0.00	0.00	0.00	104	393	727	1127	1579	1926	1940	1607	1154	740	405	111	0.00	0.00	0.00	---	11812	

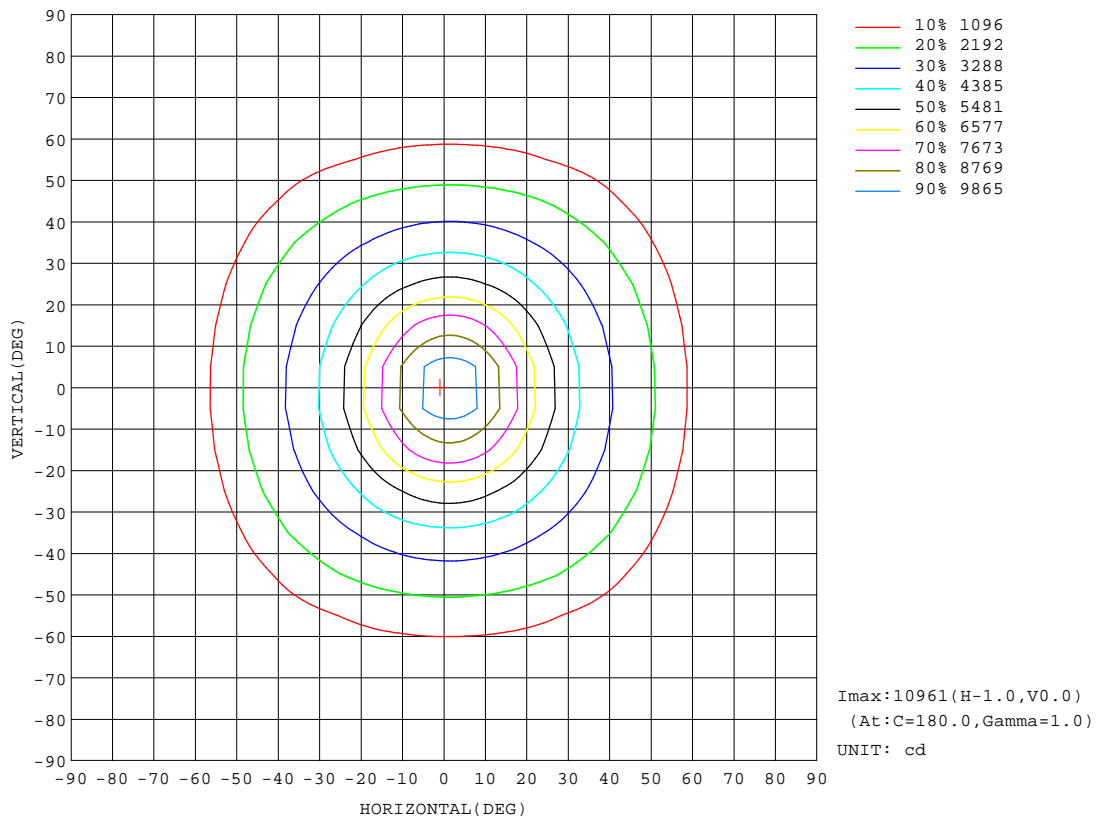
one-half-peak spread: U:27.6,D:26.5 , L:26.3,R:26.8 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

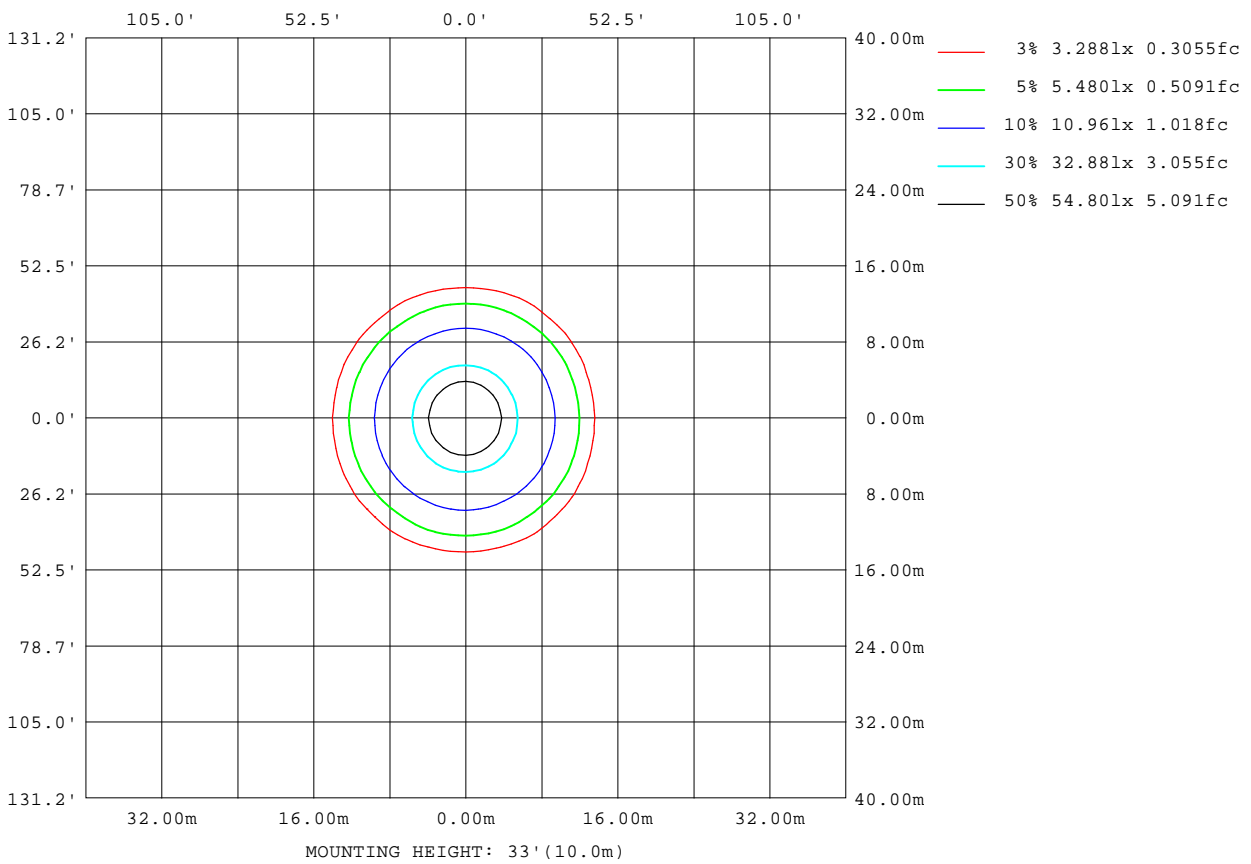


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

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Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

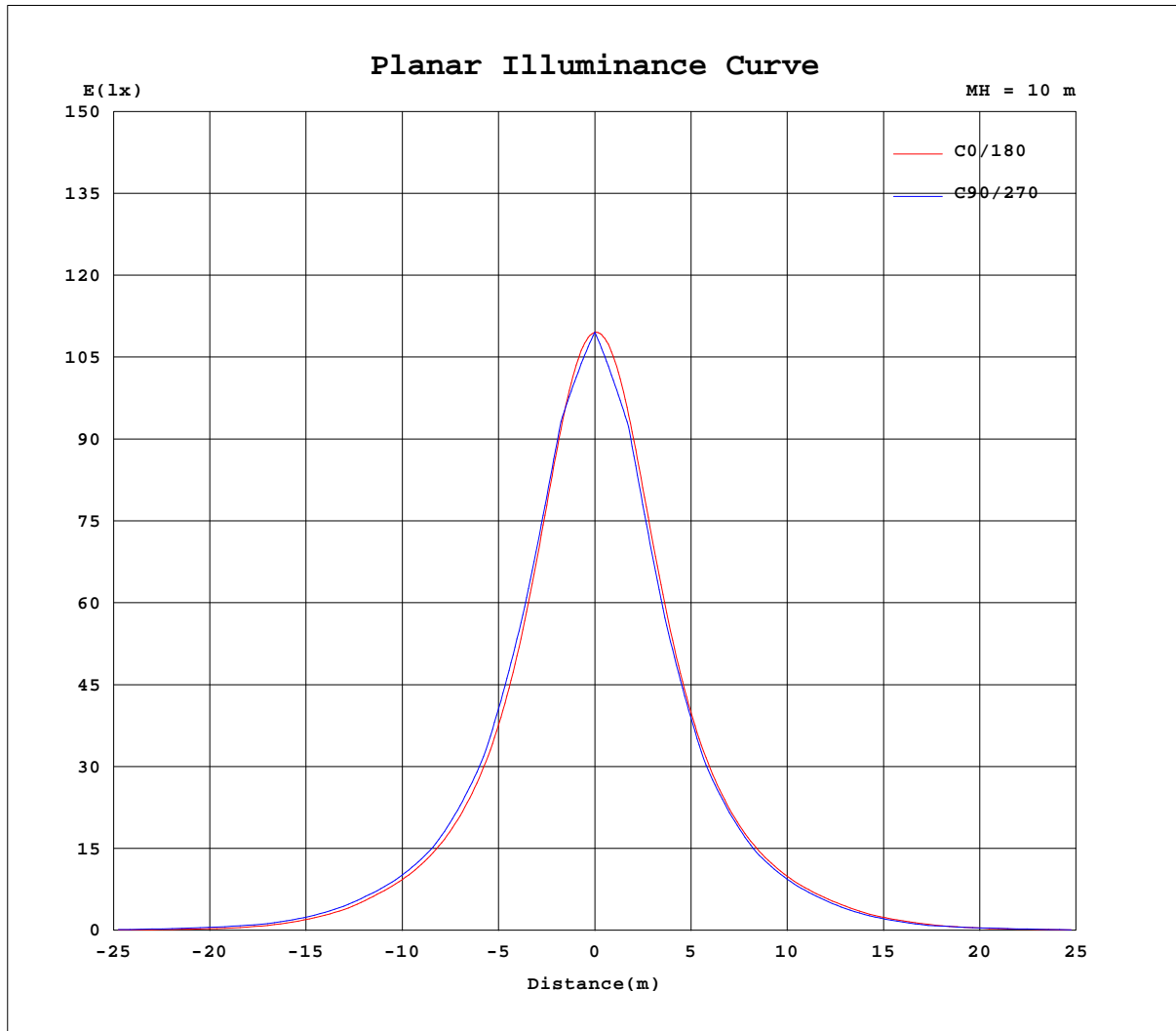
Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

Planar Illuminance Curve



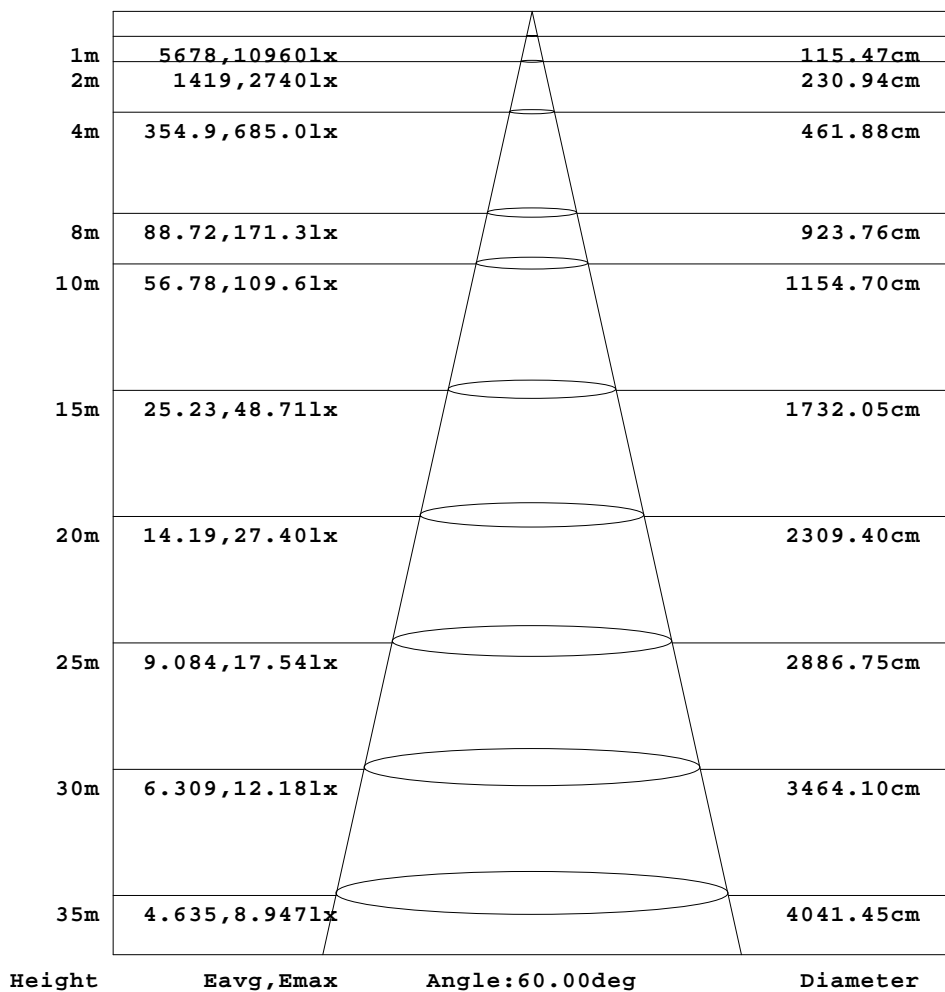
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:5946 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.23	0.44	0.78	1.09	1.50	2.00	2.56	3.19	3.71	4.28	4.92	5.72	6.41	6.92	7.30	7.44	7.40	7.43	7.44
-75	0.21	0.36	0.88	1.53	2.43	3.53	4.72	6.05	7.24	8.42	9.81	11.2	12.5	13.6	14.5	15.1	15.2	15.0	14.7
-70	0.21	0.65	1.45	2.61	4.23	5.97	7.89	9.90	11.7	13.6	15.9	17.8	19.6	21.1	22.3	22.9	22.8	22.3	22.0
-65	0.20	0.44	1.45	2.98	5.13	7.63	10.3	13.2	16.0	18.9	22.1	25.6	30.3	36.0	42.4	48.6	53.2	56.2	57.3
-60	0.20	0.92	2.49	4.91	7.96	11.4	15.0	18.8	22.7	26.7	31.1	36.8	45.4	56.0	67.7	78.3	86.3	91.4	92.5
-55	0.19	0.52	2.17	4.83	8.37	12.5	17.0	21.9	27.6	36.7	52.1	72.8	93.1	112	129	144	154	161	164
-50	0.20	1.27	3.70	7.40	11.9	17.2	22.8	29.2	38.6	57.3	89.7	125	156	182	203	218	229	234	236
-45	0.17	0.60	3.00	6.83	11.6	17.5	24.2	33.1	51.8	82.2	121	160	192	219	242	261	275	284	289
-40	0.19	1.70	5.08	9.92	15.7	23.0	31.6	48.8	86.4	138	185	221	250	275	298	316	331	339	342
-35	0.16	0.68	3.84	8.72	14.5	22.1	32.1	54.2	96.5	151	200	240	275	307	338	367	391	408	416
-30	0.19	2.05	6.25	12.1	19.0	28.3	45.6	89.2	148	205	249	287	325	364	402	438	466	486	491
-25	0.17	0.83	4.63	10.4	16.9	26.1	42.8	85.9	146	207	254	298	344	394	447	501	549	585	603
-20	0.17	2.36	7.33	13.8	21.4	33.9	68.0	129	197	248	295	345	402	465	535	604	664	704	715
-15	0.17	1.05	5.22	11.6	18.6	29.2	55.3	114	182	241	290	343	405	478	562	654	743	812	844
-10	0.18	2.55	7.89	14.8	22.6	38.8	84.7	152	221	273	326	388	463	555	663	778	884	955	975
-5	0.17	1.20	5.56	12.2	19.4	31.2	64.3	129	201	257	309	369	442	532	643	768	893	989	1034
0	0.17	2.68	8.20	15.2	23.2	40.8	91.7	161	229	282	338	405	489	594	722	860	989	1072	1096
5	0.17	1.22	5.59	12.2	19.4	31.2	63.8	128	199	255	307	366	439	527	637	761	886	983	1029
10	0.19	2.60	7.95	14.8	22.7	38.4	83.3	150	218	269	322	383	456	544	650	764	870	944	965
15	0.18	1.12	5.32	11.6	18.6	29.2	54.2	111	179	236	285	336	396	466	547	637	725	793	827
20	0.21	2.47	7.42	13.9	21.4	33.6	65.8	125	192	242	287	335	389	450	516	583	640	680	691
25	0.20	0.92	4.77	10.5	17.0	26.1	41.9	82.4	141	200	246	288	331	379	430	481	527	562	578
30	0.24	2.18	6.39	12.2	19.1	28.3	44.1	84.4	141	197	238	275	311	348	385	418	445	462	467
35	0.23	0.71	4.04	8.86	14.7	22.2	31.7	51.8	90.8	142	189	227	260	291	321	347	370	385	393
40	0.27	1.89	5.26	10.1	15.9	23.1	31.1	46.1	79.7	128	171	206	235	258	279	296	309	317	320
45	0.28	0.61	3.22	7.00	11.8	17.6	24.0	32.2	48.6	75.7	111	146	176	202	223	240	253	262	266
50	0.33	1.39	3.92	7.55	12.1	17.1	22.6	28.6	36.6	51.5	79.0	111	139	163	182	196	206	211	213
55	0.33	0.56	2.37	4.99	8.45	12.5	16.9	21.6	26.7	34.3	47.3	65.3	83.0	99.2	114	126	136	142	145
60	0.37	0.99	2.67	5.03	8.02	11.3	14.8	18.4	22.1	25.9	29.9	34.3	40.1	47.7	56.1	64.3	71.4	75.7	76.9
65	0.38	0.52	1.59	3.09	5.17	7.53	10.2	12.9	15.6	18.3	21.3	24.4	27.9	32.1	36.8	41.4	45.4	47.9	49.2
70	0.40	0.73	1.56	2.68	4.22	5.77	7.68	9.54	11.2	13.0	15.3	17.2	18.8	20.3	21.3	21.8	21.7	21.6	21.6
75	0.41	0.47	0.98	1.60	2.45	3.44	4.60	5.80	6.89	8.00	9.33	10.7	11.9	12.9	13.7	14.2	14.3	14.2	14.2
80	0.42	0.53	0.86	1.14	1.50	1.94	2.43	2.96	3.45	3.98	4.54	5.24	5.72	6.26	6.62	6.75	6.81	6.86	6.85
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.4420A P:99.67W PF:0.9785 Freq:50.00Hz Lamp Flux:12574.3x1 lm		
NAME: FL100W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	7.43	7.34	7.28	7.06	6.61	6.04	5.32	4.54	3.94	3.38	2.84	2.23	1.72	1.28	0.94	0.67	0.35	0.29
-75	14.8	14.9	15.0	14.6	13.8	12.8	11.6	10.2	8.72	7.46	6.35	5.07	3.86	2.76	1.79	1.10	0.57	0.27
-70	22.2	22.6	22.5	21.6	20.3	18.7	16.7	14.7	12.5	10.7	8.91	6.93	5.04	3.44	2.03	1.10	0.42	0.26
-65	56.8	54.6	50.8	45.3	39.0	32.6	27.3	23.1	19.7	16.7	13.9	11.2	8.45	5.89	3.62	1.90	0.77	0.25
-60	90.0	83.9	75.1	64.1	52.5	42.2	34.0	28.7	24.4	20.5	16.9	13.2	9.70	6.49	3.71	1.70	0.49	0.25
-55	163	158	149	137	122	103	82.9	61.9	42.4	30.3	23.5	18.5	14.0	9.75	5.98	3.00	1.05	0.23
-50	232	226	215	199	177	149	115	77.9	49.1	33.7	26.0	20.2	14.7	9.85	5.66	2.49	0.55	0.23
-45	287	280	269	253	233	208	177	141	101	63.8	39.2	26.7	19.7	13.6	8.42	4.23	1.39	0.22
-40	337	327	312	292	270	244	212	172	119	71.0	39.9	27.2	19.6	13.0	7.57	3.27	0.61	0.21
-35	414	400	380	354	325	293	259	222	177	121	71.5	38.5	25.2	17.1	10.7	5.43	1.75	0.21
-30	482	460	429	394	355	316	277	237	192	129	71.7	36.3	23.9	15.6	9.28	4.08	0.68	0.21
-25	597	569	527	475	422	370	322	277	232	178	113	57.4	31.0	19.8	12.5	6.48	2.05	0.20
-20	695	648	585	515	448	386	330	281	234	173	106	50.0	27.4	17.5	10.7	4.70	0.79	0.18
-15	834	784	704	612	522	443	375	316	265	215	146	78.6	36.6	21.5	13.8	7.28	2.28	0.19
-10	942	860	750	635	530	443	370	310	258	201	131	64.2	30.3	18.7	11.6	5.21	1.04	0.19
-5	1021	952	839	710	588	486	405	337	281	231	162	91.3	40.3	22.4	14.5	7.71	2.41	0.19
0	1058	961	824	684	560	461	382	319	265	209	138	67.8	31.8	19.0	11.9	5.34	1.08	0.19
5	1016	947	832	703	583	482	401	335	279	228	160	90.5	40.2	22.3	14.6	7.74	2.44	0.20
10	932	849	737	623	520	435	364	305	254	196	128	63.3	30.0	18.7	11.7	5.27	1.07	0.21
15	817	766	686	596	508	431	365	309	259	208	142	76.8	36.4	21.4	13.9	7.39	2.35	0.22
20	671	625	564	497	432	373	320	272	227	166	102	48.9	27.2	17.5	10.8	4.83	0.87	0.24
25	573	547	506	457	406	356	310	267	224	170	109	56.0	31.1	19.8	12.7	6.66	2.17	0.25
30	458	439	410	376	338	302	265	227	183	122	68.4	36.4	24.1	15.7	9.55	4.23	0.70	0.27
35	391	379	360	336	307	278	246	209	166	114	68.1	38.4	25.6	17.2	10.9	5.65	1.92	0.28
40	316	307	292	274	253	229	198	160	110	66.4	39.4	27.7	20.0	13.2	7.83	3.43	0.57	0.30
45	265	259	249	234	215	191	163	129	91.8	60.0	38.5	27.3	20.2	13.8	8.70	4.44	1.54	0.32
50	210	205	194	180	159	132	101	69.1	46.2	33.6	26.6	20.8	15.1	10.1	5.97	2.68	0.57	0.34
55	144	140	132	122	108	92.5	74.7	56.0	40.1	30.1	24.1	19.1	14.4	10.0	6.27	3.21	1.13	0.37
60	74.8	69.7	62.6	54.3	45.9	38.8	33.1	28.9	24.9	21.1	17.4	13.6	9.97	6.75	3.95	1.92	0.55	0.39
65	48.9	47.1	43.9	39.7	34.9	30.4	26.3	23.1	19.8	17.1	14.3	11.5	8.72	6.17	3.87	2.10	0.85	0.41
70	21.8	22.2	22.1	21.3	20.1	18.5	16.8	14.5	12.5	10.9	9.07	7.13	5.30	3.64	2.23	1.27	0.52	0.43
75	14.3	14.5	14.6	14.2	13.5	12.6	11.4	10.1	8.65	7.54	6.47	5.21	4.00	2.94	1.97	1.25	0.65	0.44
80	6.90	6.88	6.85	6.62	6.13	5.70	5.06	4.45	3.90	3.40	2.87	2.34	1.85	1.41	1.06	0.78	0.47	0.45
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks: