

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

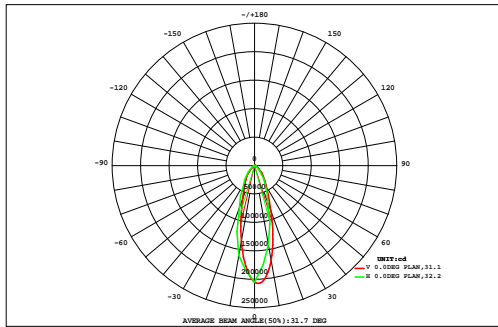
Maximum Intensity (Luminaire orientation as tested.)		1927.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	79.7V x 79.7H 31.5V x 31.1H 7.2V x 11.3H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.2 lumens per klm. 814.1 lumens per klm. 309.7 lumens per klm. 32.5 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:30 June 2022

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=1.4118]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:3.408A P:752.3W PF:0.9909 Freq:49.98Hz Lamp Flux:107513x1 lm		
NAME: FL750W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:142.92lm/W	
MODEL		Imax(cd)	207253
NOMINAL POWER(W)	750	AVAILABILITY(%)	82.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	88176
NOMINAL FLUX(lm)	107513	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	107513
TEST VOLTAGE(V)	220	q @50%(H,V)	31,31DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	2.95	6.65	12.0	18.4	24.9	31.3	37.3	42.1	44.9	44.4	40.7	35.2	28.8	22.1	15.5	9.57	4.87	1.86	423	0.00	
64	4.81	10.7	19.2	29.2	39.9	51.5	63.2	73.0	78.6	78.0	71.3	60.9	49.0	37.4	27.0	17.3	9.29	3.81	724	0.00	
56	6.49	14.7	26.5	41.6	60.5	84.5	114	142	158	158	140	112	83.0	59.6	40.8	26.1	14.4	6.28	1289	0.00	
48	8.47	19.1	34.8	58.0	94.5	148	214	272	305	305	274	218	152	97.6	59.6	35.1	19.2	8.48	2322	70.1	
40	11.6	25.4	47.3	88.8	163	271	390	483	534	529	467	365	246	146	80.2	42.3	21.9	9.43	3922	2353	
32	13.4	29.8	61.5	132	253	417	589	743	849	836	714	552	374	218	110	52.1	25.9	11.2	5981	4900	
24	14.1	32.4	73.3	168	325	543	817	1174	1477	1440	1109	779	520	308	155	67.6	30.8	13.5	9047	8173	
16	14.3	33.5	78.8	189	371	637	1073	1838	2604	2627	1881	1100	659	387	199	83.7	35.1	15.2	13826	13053	
8	15.1	35.5	86.4	211	412	709	1271	2374	3499	3561	2479	1333	727	418	216	89.2	36.2	15.4	17488	16768	
0	16.9	39.8	101	241	451	787	1493	2722	3722	3456	2234	1175	656	379	188	76.0	32.1	13.5	17784	17061	
-8	15.7	36.4	88.6	210	401	678	1115	1822	2423	2338	1646	993	605	352	175	72.4	31.3	13.2	13017	12249	
-16	13.3	30.3	66.3	154	304	506	727	984	1249	1309	1096	784	515	303	155	67.7	30.2	13.0	8307	7414	
-24	11.1	25.5	51.3	109	216	366	529	665	761	768	681	544	382	228	118	55.3	26.8	11.8	5548	4443	
-32	9.73	22.0	42.1	80.2	148	245	352	430	464	458	417	342	235	139	75.0	39.9	21.5	9.46	3530	1692	
-40	8.75	19.1	34.3	57.6	93.6	146	205	251	268	260	228	171	112	70.0	44.2	27.6	15.1	6.31	2017	0.00	
-48	6.07	13.5	23.7	35.3	48.8	63.4	81.5	101	112	110	96.8	78.8	62.6	47.4	33.3	21.2	11.4	4.74	952	0.00	
-56	3.47	8.14	15.0	23.3	31.6	40.4	49.1	56.9	62.3	63.2	59.2	51.5	41.7	32.1	23.0	14.6	7.84	3.26	587	0.00	
-64	1.84	4.36	8.16	13.0	18.0	22.7	26.9	30.1	32.1	32.1	30.0	26.5	22.1	17.2	12.3	7.75	4.03	1.63	311	0.00	
-72	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)	16	24	32	40	48	56	64	72				
F t	178	407	870	1859	3456	5746	9147	14203	18644	18374	13664	8719	5472	3262	1728	806	378	162	107074	---	
F a	0.00	0.00	0.00	213	1751	4442	8025	13088	17537	17313	12509	7479	4201	1521	96.8	0.00	0.00	0.00	---	88176	

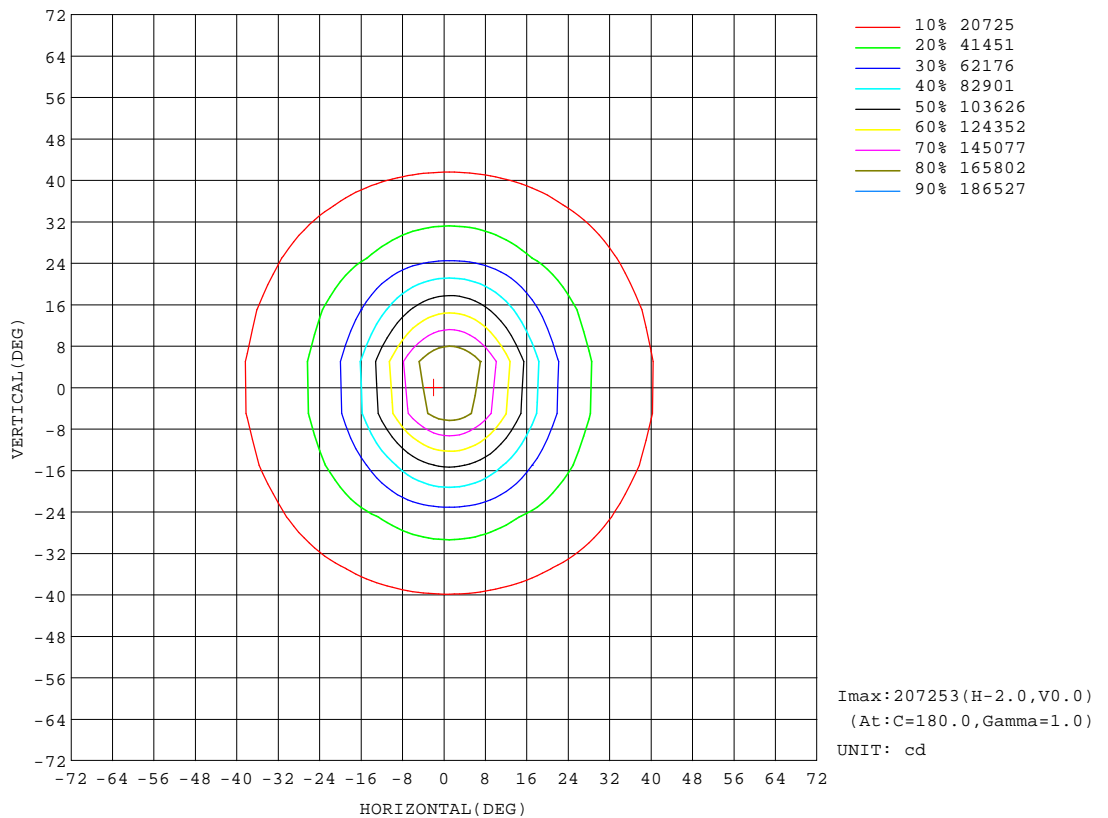
one-half-peak spread: U:15.1,D:16.6 , L:15.6,R:15.7 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 June 2022

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=1.4118]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.8V I:3.408A P:752.3W PF:0.9909 Freq:49.98Hz Lamp Flux:107513x1 lm		
NAME: FL750W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

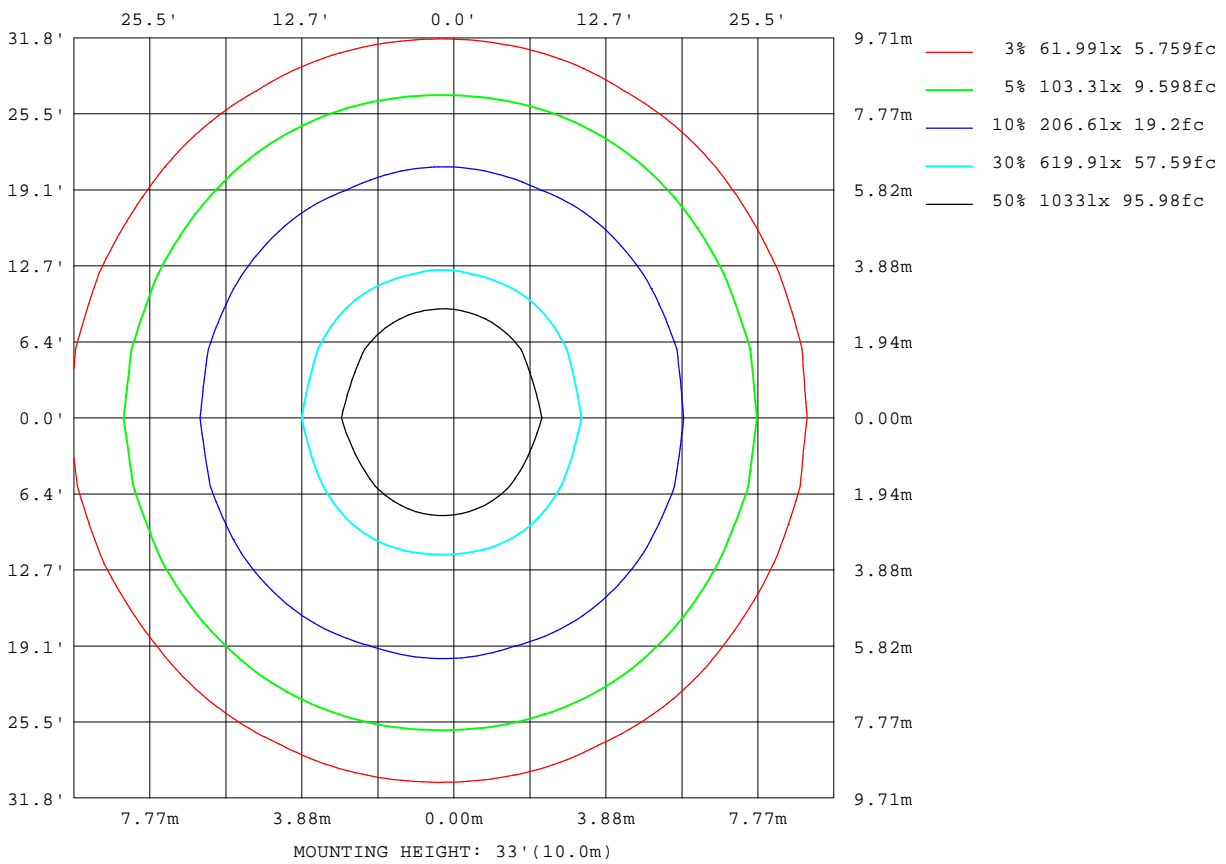


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ISOLUX DIAGRAM

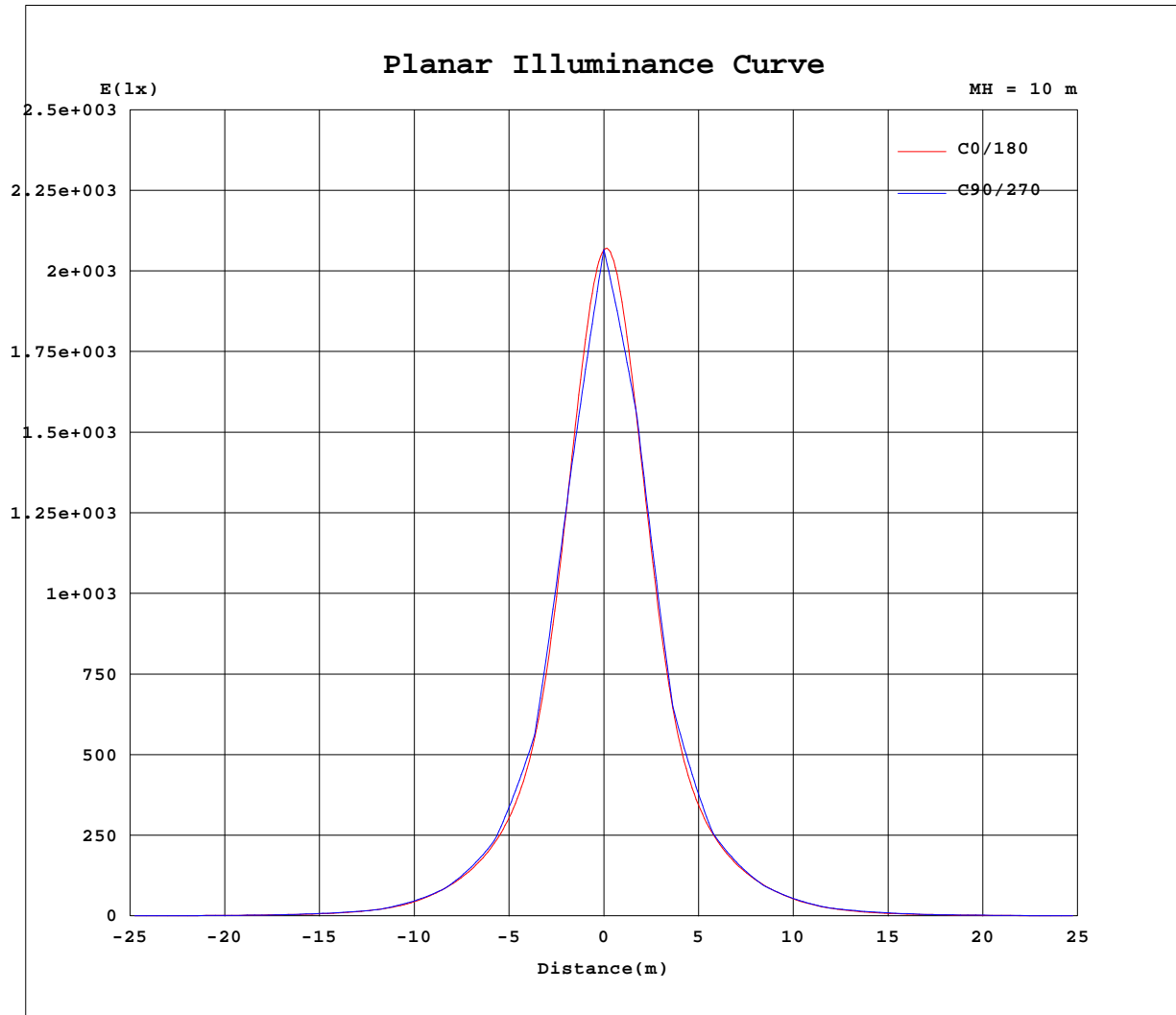
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Remarks:

Planar Illuminance Curve



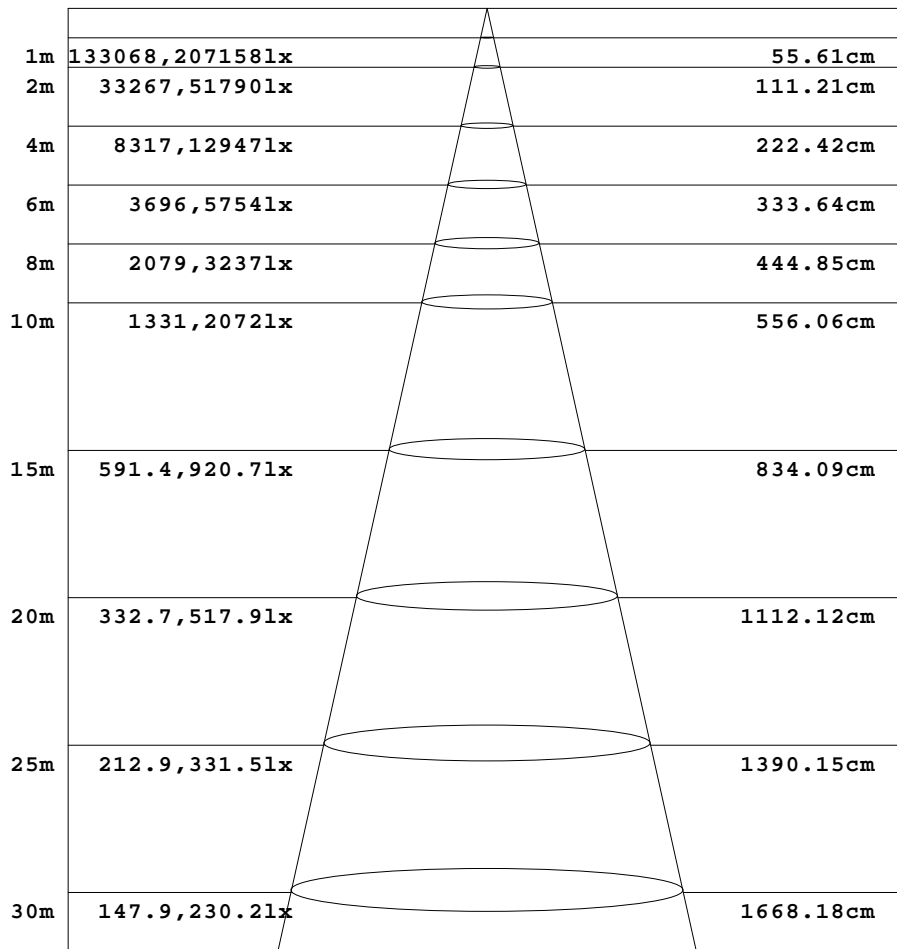
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AAI Figure

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NAME: FL750W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:34373 lm



Height Eavg, Emax Angle:31.08deg Diameter

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

H_(β) Range:-90 - 90DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:3.408A P:752.3W PF:0.9909 Freq:49.98Hz Lamp Flux:107513x1 lm		
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SPEC.:	DIM.:	SERIAL No.:
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Table--1

UNIT: ×100cd

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	0.31	0.38	0.47	0.54	0.63	0.76	0.92	1.10	1.28	1.47	1.68	1.87	2.05	2.19	2.31	2.39	2.47	2.51	2.48
-75	0.23	0.32	0.43	0.70	1.08	1.57	2.14	2.82	3.53	4.28	5.00	5.70	6.31	6.86	7.37	7.79	8.12	8.39	8.52
-70	0.26	0.35	0.67	1.31	2.10	3.04	4.18	5.38	6.65	7.95	9.17	10.3	11.3	12.2	13.0	13.6	14.1	14.5	14.5
-65	0.19	0.27	0.52	1.41	2.60	4.05	5.70	7.55	9.52	11.5	13.4	15.1	16.7	18.4	19.9	21.3	22.4	23.2	23.6
-60	0.20	0.36	1.28	2.89	4.80	6.98	9.43	12.1	14.8	17.4	19.7	21.9	24.2	26.5	28.5	30.3	31.7	32.5	32.5
-55	0.15	0.23	0.78	2.61	4.86	7.56	10.6	13.9	17.4	20.9	24.4	28.3	32.5	36.9	41.7	46.4	50.5	53.4	54.6
-50	0.16	0.47	2.25	4.94	8.12	11.7	15.6	19.8	24.1	28.6	33.7	39.7	45.9	53.0	60.6	67.7	73.1	76.2	76.3
-45	0.13	0.21	1.24	4.10	7.49	11.5	16.0	20.9	26.3	32.9	41.5	52.4	65.9	81.4	97.9	113	125	132	134
-40	0.14	0.69	3.50	7.17	11.5	16.6	22.2	28.3	35.9	47.0	61.7	80.7	104	130	154	173	186	192	192
-35	0.12	0.22	1.86	5.61	10.1	15.4	21.3	28.2	37.0	51.0	71.0	97.3	129	164	200	230	253	270	277
-30	0.13	0.95	4.58	9.24	14.7	21.1	28.4	37.7	53.6	77.3	111	150	196	242	283	316	342	359	360
-25	0.12	0.23	2.59	6.95	12.4	18.8	26.3	35.5	50.9	76.3	113	158	211	270	329	387	446	497	521
-20	0.13	1.41	5.57	11.0	17.6	25.2	34.4	49.3	76.0	117	169	228	296	369	444	529	615	672	677
-15	0.12	0.26	3.12	8.00	14.2	21.5	30.2	42.2	65.2	103	156	216	287	373	478	620	801	969	1054
-10	0.13	1.80	6.17	12.2	19.4	27.9	38.9	59.4	95.0	150	214	287	378	496	672	923	1201	1395	1418
-5	0.12	0.33	3.39	8.61	15.3	23.1	32.6	46.7	74.7	121	183	252	334	444	611	879	1233	1566	1746
0	0.13	1.94	6.49	12.7	20.3	29.2	41.0	64.1	104	165	233	311	414	572	845	1255	1687	2005	2047
5	0.12	0.41	3.44	8.72	15.5	23.3	32.9	47.2	75.4	122	185	254	337	449	620	905	1284	1645	1840
10	0.14	1.88	6.35	12.4	19.8	28.4	39.6	60.6	96.9	153	217	292	385	510	706	1003	1338	1575	1606
15	0.12	0.42	3.29	8.30	14.7	22.2	31.1	43.5	67.1	106	160	222	295	383	496	660	880	1090	1200
20	0.16	1.76	5.90	11.5	18.4	26.2	35.8	51.6	79.3	122	175	236	307	383	467	572	688	771	780
25	0.13	0.40	2.95	7.44	13.2	19.9	27.6	37.3	53.8	80.7	120	167	222	283	346	412	486	554	589
30	0.18	1.51	5.05	9.97	15.8	22.5	30.3	40.4	57.5	83.5	120	162	210	259	302	339	370	391	393
35	0.15	0.36	2.46	6.24	11.0	16.7	23.1	30.4	40.3	55.6	77.7	107	141	180	217	250	276	296	305
40	0.19	1.24	4.08	8.07	12.8	18.3	24.4	31.2	40.0	52.3	69.2	91.5	118	147	173	194	208	215	215
45	0.17	0.33	1.90	4.81	8.59	13.0	18.0	23.5	29.6	37.2	46.9	59.8	75.5	93.9	113	130	144	152	156
50	0.20	0.86	2.95	5.92	9.51	13.6	18.0	22.8	27.8	33.1	39.4	46.3	54.5	64.3	74.6	84.0	91.2	95.1	95.3
55	0.19	0.30	1.30	3.31	5.99	9.10	12.6	16.5	20.5	24.6	28.9	33.5	38.5	44.5	51.0	57.4	62.9	66.6	68.2
60	0.21	0.54	1.88	3.77	6.13	8.78	11.7	14.9	18.1	21.1	23.8	26.5	29.5	32.5	35.2	37.6	39.5	40.6	40.7
65	0.21	0.27	0.75	1.94	3.51	5.37	7.52	9.86	12.4	14.8	17.1	19.1	21.2	23.3	25.4	27.2	28.8	29.9	30.4
70	0.23	0.35	0.94	1.89	3.07	4.50	6.07	7.82	9.59	11.3	12.8	14.2	15.5	16.7	17.8	18.7	19.5	19.9	19.9
75	0.22	0.26	0.40	0.90	1.56	2.37	3.33	4.38	5.52	6.68	7.76	8.73	9.62	10.5	11.2	11.9	12.4	12.8	13.0
80	0.24	0.28	0.40	0.65	0.98	1.38	1.82	2.30	2.86	3.37	3.87	4.35	4.82	5.21	5.49	5.75	5.93	6.05	6.02
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

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H_(β) Interval: 1.0DEG
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Operators:DAMIN
Test Date:30 June 2022

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=1.4118]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:3.408A P:752.3W PF:0.9909 Freq:49.98Hz Lamp Flux:107513x1 lm		
NAME: FL750W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: ×100cd

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	2.38	2.23	2.06	1.89	1.70	1.50	1.29	1.09	0.90	0.74	0.62	0.52	0.46	0.43	0.42	0.41	0.34	0.31
-75	8.43	8.10	7.65	7.16	6.59	5.99	5.35	4.66	3.94	3.23	2.53	1.89	1.34	0.91	0.60	0.43	0.34	0.31
-70	14.1	13.5	12.7	11.8	10.8	9.72	8.59	7.36	6.12	4.87	3.67	2.57	1.68	0.99	0.54	0.34	0.29	0.26
-65	23.3	22.6	21.4	20.0	18.4	16.7	15.0	13.3	11.5	9.59	7.62	5.73	4.03	2.58	1.42	0.64	0.29	0.25
-60	31.7	30.4	28.5	26.4	24.1	21.7	19.3	17.1	14.6	11.9	9.28	6.80	4.60	2.71	1.27	0.40	0.22	0.20
-55	53.9	51.4	47.6	42.9	38.0	33.4	29.3	25.3	21.6	18.1	14.7	11.3	8.16	5.40	3.06	1.28	0.31	0.19
-50	73.5	68.2	61.2	53.5	46.3	40.2	34.4	29.0	24.4	20.2	16.0	12.0	8.35	5.19	2.56	0.70	0.18	0.16
-45	133	127	117	103	86.4	70.3	56.2	44.7	35.5	28.1	22.5	17.5	12.8	8.69	5.09	2.22	0.42	0.16
-40	186	174	156	133	107	82.9	63.5	48.9	37.2	29.2	22.9	17.3	12.2	7.77	3.96	1.16	0.16	0.14
-35	273	259	238	211	178	142	108	80.2	57.8	41.7	31.0	23.7	17.5	12.0	7.18	3.27	0.64	0.14
-30	346	320	289	250	205	159	118	83.2	57.8	40.2	30.0	22.5	16.0	10.2	5.46	1.80	0.17	0.13
-25	510	467	408	350	293	234	178	130	89.6	59.8	40.4	29.5	21.6	14.9	9.04	4.23	0.93	0.12
-20	628	544	457	381	310	240	179	127	82.7	53.7	36.6	26.8	19.0	12.3	6.59	2.26	0.19	0.13
-15	1019	880	693	530	413	321	244	179	124	78.7	50.1	34.4	24.9	17.2	10.5	5.00	1.20	0.12
-10	1265	993	723	529	402	306	229	164	106	66.3	42.2	30.1	21.3	13.8	7.47	2.64	0.23	0.14
-5	1672	1390	1025	709	504	376	284	211	146	91.2	56.8	37.4	26.8	18.6	11.3	5.45	1.34	0.12
0	1778	1351	924	620	441	330	248	178	116	71.1	44.5	31.2	22.1	14.4	7.81	2.75	0.26	0.14
5	1762	1459	1067	728	512	380	287	212	147	92.3	57.5	37.8	27.1	18.8	11.5	5.55	1.38	0.12
10	1418	1098	775	551	412	313	234	168	109	68.0	43.2	30.7	21.7	14.2	7.70	2.76	0.28	0.14
15	1158	985	757	562	429	332	252	185	128	81.6	52.1	35.5	25.7	17.8	10.9	5.27	1.32	0.13
20	713	600	489	401	323	251	187	133	87.2	56.8	38.2	28.0	19.9	13.0	7.05	2.48	0.26	0.14
25	575	518	443	373	310	247	189	138	95.5	63.8	42.9	31.1	22.9	15.9	9.70	4.63	1.15	0.14
30	376	347	311	269	221	172	128	90.5	62.5	43.5	32.0	24.0	17.2	11.1	6.01	2.09	0.25	0.16
35	301	285	261	231	195	156	119	88.1	63.6	45.8	33.7	25.7	19.0	13.1	7.98	3.72	0.91	0.16
40	209	196	176	150	122	94.7	72.0	54.8	41.8	32.2	25.3	19.1	13.6	8.78	4.58	1.54	0.22	0.18
45	154	147	135	119	100	81.1	64.6	50.8	40.3	31.8	25.3	19.7	14.5	9.93	5.93	2.67	0.65	0.18
50	91.8	84.9	75.7	65.3	55.3	46.9	40.1	33.6	28.1	23.3	18.5	14.0	9.77	6.17	3.12	1.01	0.21	0.20
55	67.4	64.2	59.2	52.9	46.3	40.0	34.7	29.9	25.4	21.4	17.4	13.5	9.85	6.59	3.81	1.65	0.43	0.20
60	39.7	37.8	35.3	32.6	29.5	26.4	23.5	20.7	17.9	14.8	11.6	8.61	5.88	3.53	1.71	0.55	0.22	0.21
65	30.1	29.1	27.5	25.7	23.6	21.4	19.1	16.9	14.8	12.4	10.00	7.62	5.42	3.51	1.94	0.82	0.29	0.22
70	19.5	18.6	17.6	16.4	15.0	13.6	12.1	10.6	8.90	7.19	5.50	3.94	2.58	1.48	0.69	0.30	0.23	0.22
75	12.9	12.4	11.8	11.1	10.2	9.30	8.29	7.28	6.21	5.10	4.00	2.98	2.04	1.30	0.73	0.37	0.24	0.23
80	5.83	5.52	5.16	4.76	4.32	3.78	3.24	2.71	2.19	1.68	1.25	0.87	0.58	0.38	0.28	0.24	0.24	0.23
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:30 June 2022

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=1.4118]
Remarks: