

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

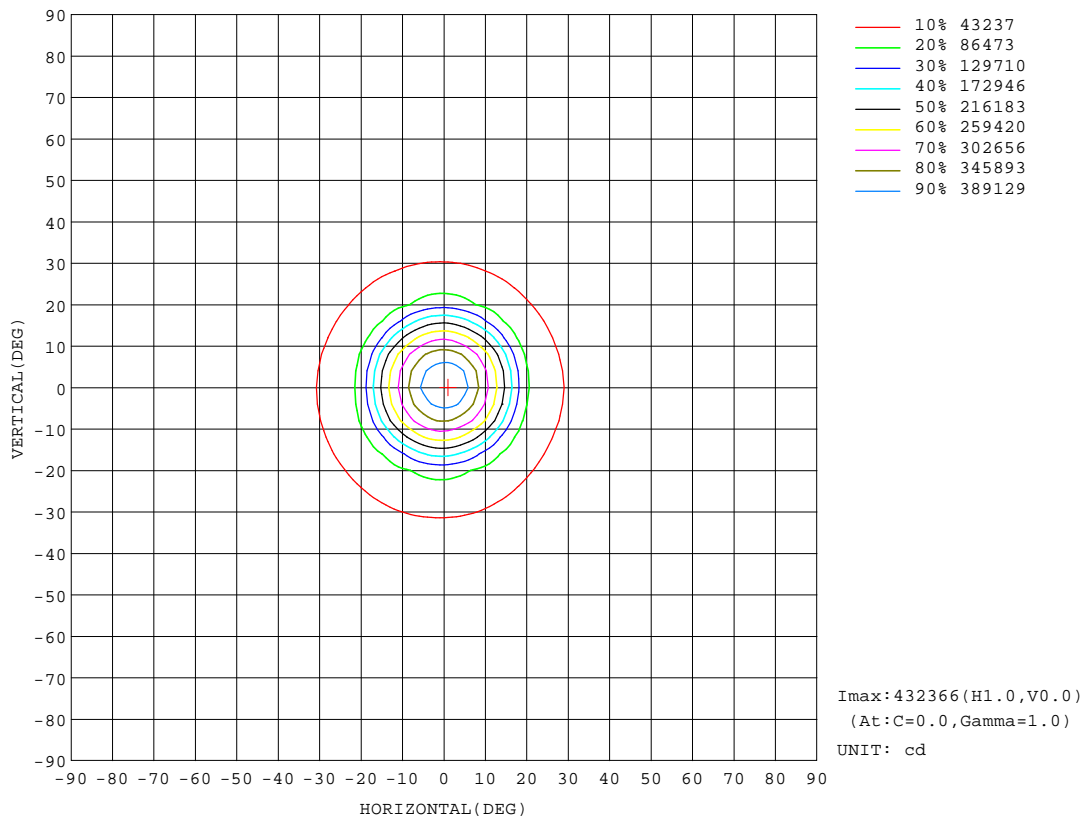
Maximum Intensity (Luminaire orientation as tested.)		2753.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	60.9V x 59.7H 30.2V x 29.9H 11.2V x 11.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.4 lumens per klm. 782.9 lumens per klm. 428.7 lumens per klm. 78.6 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.9 %
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:-60 - 60DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0252]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.7V I:4.572A P:1014W PF:0.9824 Freq:50.03Hz Lamp Flux:157033x1 lm		
NAME: FL1000W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

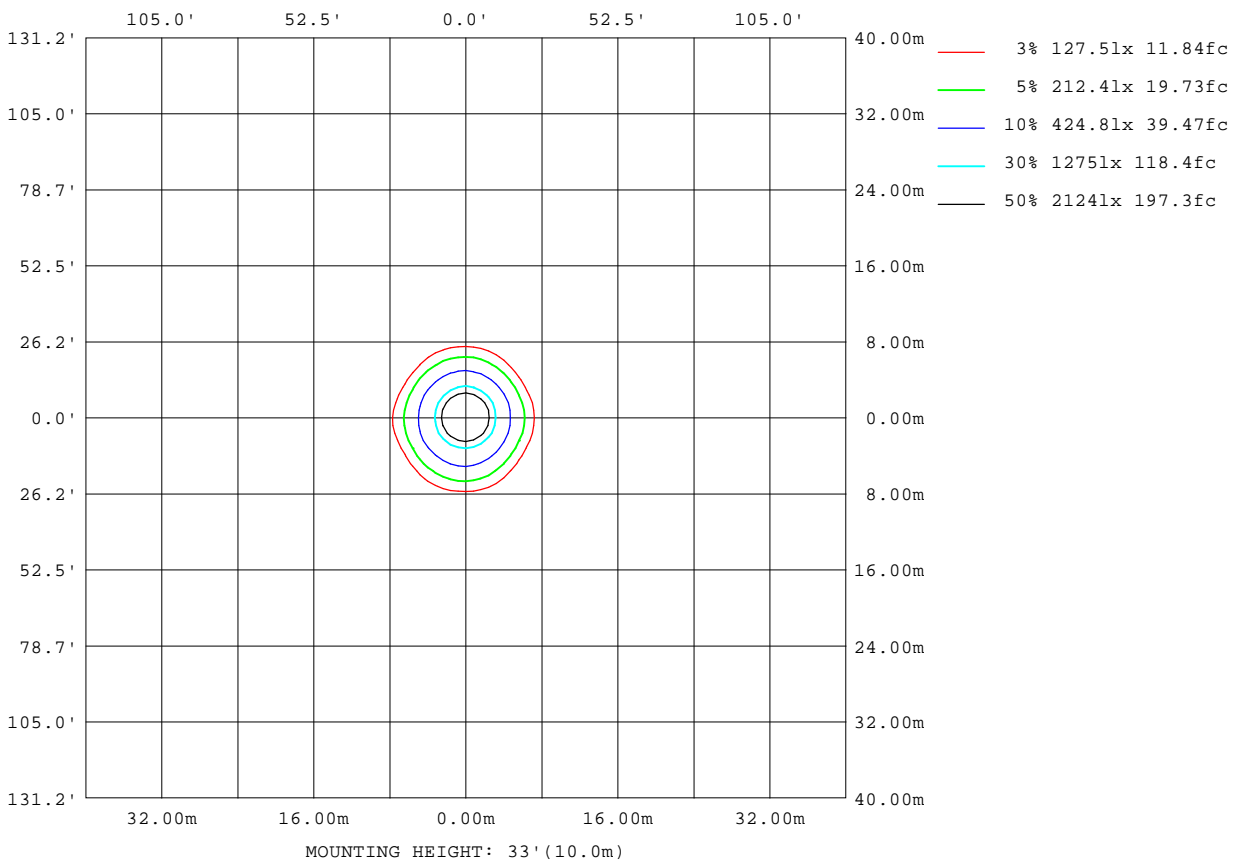


H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 30 June 2022

V(B) Range: -60 - 60DEG
 V(B) Interval: 2.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.900m [K=1.0252]
 Remarks:

ISOLUX DIAGRAM

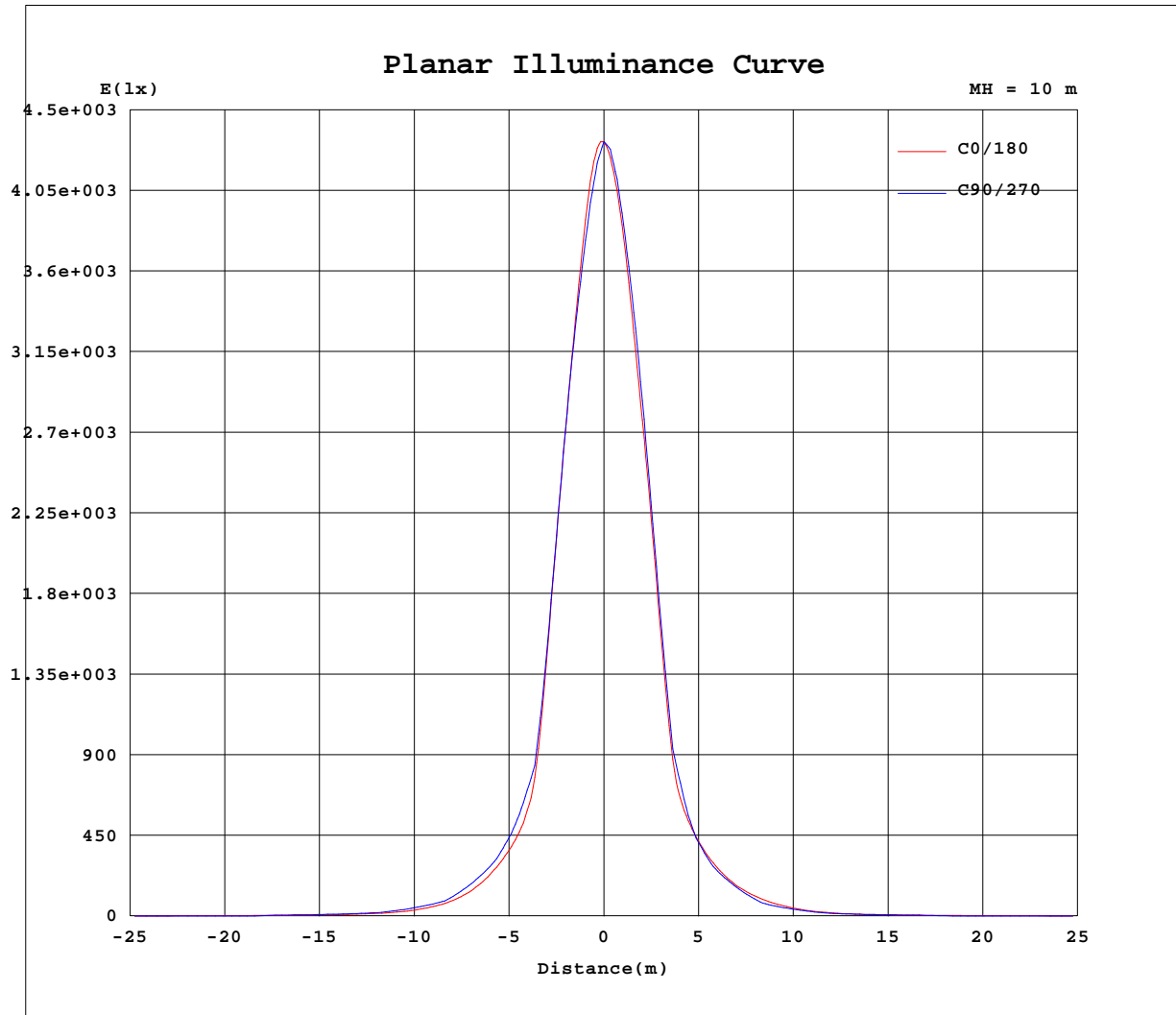
Test:U:221.7V I:4.572A P:1014W PF:0.9824 Freq:50.03Hz Lamp Flux:157033x1 lm		
NAME: FL1000W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



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

V(B) Range:-60 - 60DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0252]
 Remarks:

Planar Illuminance Curve



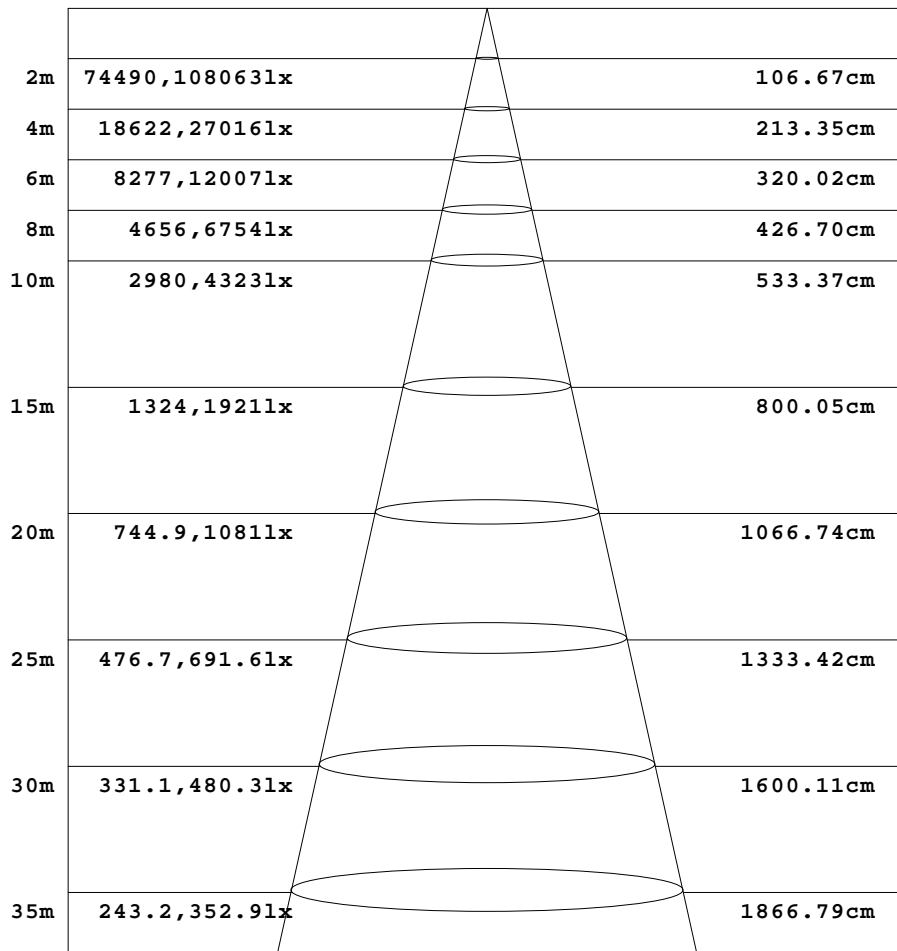
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:30 June 2022

V(B) Range:-60 - 60DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0252]
 Remarks:

AAI Figure

Test:U:221.7V I:4.572A P:1014W PF:0.9824 Freq:50.03Hz Lamp Flux:157033x1 lm		
NAME: FL1000W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:67207 lm



Height Eavg, Emax Angle:29.86deg Diameter

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:30 June 2022

V(B) Range:-60 - 60DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0252]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:4.572A P:1014W PF:0.9824 Freq:50.03Hz Lamp Flux:157033x1 lm		
NAME: FL1000W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

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	0.00	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
-75	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
-70	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
-65	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
-60	5.85	6.18	6.77	8.10	10.2	12.8	16.0	19.3	22.6	26.0	29.3	32.5	35.1	36.7	38.6	40.5	41.9	43.1	43.4
-55	5.58	5.90	6.63	8.40	11.1	14.4	18.1	22.0	25.9	29.9	34.3	38.3	41.7	44.6	47.8	51.1	53.8	55.6	56.1
-50	5.17	5.48	6.43	8.85	12.4	16.6	21.3	26.1	30.8	35.8	41.7	46.9	51.8	56.5	61.5	67.0	71.5	74.5	75.1
-45	4.76	5.08	6.25	9.16	13.2	18.0	23.0	28.2	33.3	39.2	46.7	55.8	67.5	80.8	93.8	106	115	120	121
-40	4.13	4.47	5.98	9.63	14.5	19.9	25.6	31.3	37.1	44.3	54.2	69.1	91.1	117	142	164	180	188	190
-35	3.96	4.35	6.14	10.2	15.4	21.3	27.1	33.0	39.4	49.8	66.9	90.3	122	162	204	245	277	296	301
-30	3.69	4.18	6.38	11.1	16.9	23.3	29.4	35.5	42.9	58.1	85.9	122	167	229	298	366	422	458	468
-25	3.72	4.29	6.83	12.0	18.2	24.8	31.0	37.4	46.3	68.3	105	148	207	290	387	485	568	625	636
-20	3.83	4.54	7.58	13.1	19.9	26.9	33.4	40.2	52.7	85.8	134	191	275	399	540	674	809	954	1015
-15	3.91	4.71	8.12	13.9	21.0	28.1	34.9	42.1	58.2	99.4	156	226	331	486	660	861	1258	1707	1856
-10	4.04	4.93	8.60	14.7	22.1	29.5	36.6	44.4	65.7	117	186	275	403	594	841	1503	2367	2964	3162
-5	4.14	5.07	8.81	15.0	22.6	30.0	37.2	45.4	69.4	125	201	299	439	635	954	1947	2894	3520	3763
0	4.33	5.24	8.94	15.2	22.8	30.3	37.5	45.9	71.1	129	209	312	458	652	1054	2216	3207	3975	4322
5	4.50	5.39	9.01	15.2	22.7	30.2	37.6	45.6	69.9	126	202	303	446	642	1010	2134	3120	3825	4143
10	4.77	5.54	8.93	14.9	22.1	29.4	36.4	44.0	64.1	113	179	264	392	576	827	1581	2488	3120	3343
15	4.93	5.62	8.83	14.5	21.6	28.7	35.4	42.6	59.0	101	158	231	340	506	698	1040	1762	2327	2530
20	5.10	5.64	8.47	13.7	20.2	27.0	33.3	39.7	50.4	80.7	126	177	255	376	513	644	792	1008	1126
25	5.15	5.59	8.19	13.0	19.2	25.7	31.7	37.6	45.9	68.5	106	148	209	300	408	514	609	702	739
30	5.13	5.43	7.57	11.8	17.3	23.3	28.8	34.0	40.0	52.2	76.6	108	149	204	268	333	385	418	426
35	5.09	5.32	7.19	11.0	16.1	21.6	26.9	31.9	37.2	46.5	64.2	87.4	119	161	209	255	292	315	320
40	5.03	5.16	6.62	9.79	14.1	19.1	24.0	28.6	32.9	38.0	45.5	56.2	74.8	97.9	120	139	153	160	161
45	5.05	5.15	6.33	9.10	13.0	17.5	22.1	26.4	30.5	35.0	41.2	49.4	61.6	76.8	91.6	105	114	120	121
50	5.09	5.14	5.90	8.07	11.2	15.0	19.2	23.2	26.9	30.4	34.7	39.2	41.9	45.1	49.0	53.3	57.0	59.3	59.8
55	5.19	5.24	5.81	7.60	10.2	13.5	17.2	20.9	24.3	27.5	31.2	35.0	37.5	39.7	42.5	45.7	48.3	50.0	50.4
60	5.34	5.38	5.69	6.89	8.73	11.2	14.2	17.3	20.3	23.2	26.0	28.7	30.9	31.7	32.8	34.2	35.3	36.1	36.3
65	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
70	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
75	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	0.00	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
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:30 June 2022

V(B) Range:-60 - 60DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0252]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:4.572A P:1014W PF:0.9824 Freq:50.03Hz Lamp Flux:157033x1 lm		
NAME: FL1000W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
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	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
-75	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
-70	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
-65	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
-60	43.1	42.1	40.8	39.0	37.3	35.8	33.3	30.3	27.1	24.0	20.9	17.8	14.7	12.1	9.91	8.51	7.82	7.33
-55	55.3	53.4	51.0	48.2	45.6	43.1	39.7	35.7	31.7	28.0	24.3	20.6	17.0	13.7	10.9	9.00	8.12	7.57
-50	73.6	70.4	66.3	62.0	58.0	54.0	49.2	43.8	38.6	33.9	29.3	24.9	20.4	16.1	12.4	9.73	8.56	7.91
-45	118	111	101	88.3	75.8	64.5	56.3	49.6	42.7	37.1	32.0	27.1	22.2	17.3	13.0	9.85	8.46	7.78
-40	185	172	152	128	103	80.2	66.8	58.2	48.8	41.9	35.9	30.3	24.7	19.1	13.9	10.0	8.30	7.59
-35	290	263	225	180	140	106	81.0	64.7	53.4	44.1	37.4	31.4	25.6	19.6	14.0	9.72	7.73	7.03
-30	447	400	333	259	195	144	102	74.4	60.3	47.5	39.6	33.0	26.8	20.3	14.2	9.24	6.89	6.18
-25	601	531	440	335	242	174	122	85.7	63.7	49.5	40.3	33.3	26.9	20.2	13.9	8.69	6.13	5.51
-20	909	758	618	476	336	229	157	106	70.5	52.7	41.6	33.9	27.2	20.3	13.6	8.12	5.09	4.50
-15	1624	1155	781	577	408	273	184	120	77.2	54.4	42.2	34.2	27.3	20.3	13.3	7.72	4.48	3.93
-10	2894	2270	1322	729	507	342	223	141	87.6	57.2	43.3	34.6	27.4	20.3	13.2	7.42	3.86	3.36
-5	3499	2813	1768	828	547	377	244	152	92.8	58.5	43.8	34.9	27.5	20.4	13.2	7.28	3.79	3.19
0	4014	3162	2077	933	573	399	258	159	96.3	59.5	44.3	35.1	27.5	20.3	13.1	7.12	3.58	3.02
5	3861	3071	1998	902	561	387	250	155	94.6	58.8	43.7	34.6	27.2	20.1	12.9	6.90	3.50	2.91
10	3074	2435	1476	755	506	341	221	140	87.5	56.5	42.5	34.0	26.8	19.8	12.6	6.71	3.42	2.87
15	2280	1701	985	628	442	293	192	124	79.5	54.0	41.2	33.1	26.2	19.3	12.3	6.61	3.44	2.91
20	986	766	603	464	329	220	150	100	67.3	49.7	38.7	31.6	25.2	18.5	11.8	6.47	3.55	3.05
25	681	580	476	365	259	179	123	84.1	60.3	46.1	36.8	30.2	24.2	17.7	11.3	6.37	3.65	3.21
30	410	369	308	239	177	128	89.0	64.2	52.0	40.7	33.9	28.1	22.6	16.6	10.8	6.28	3.90	3.56
35	309	280	236	186	140	102	74.4	57.1	46.7	37.7	31.7	26.4	21.2	15.6	10.2	6.19	4.09	3.82
40	157	146	128	106	83.7	63.9	52.5	46.3	38.9	33.2	28.4	23.9	19.2	14.1	9.44	6.04	4.38	4.21
45	117	110	97.8	83.2	68.3	55.2	47.0	41.8	35.6	30.6	26.3	22.1	17.7	13.0	8.91	5.92	4.55	4.41
50	58.4	55.7	52.3	48.7	45.3	42.0	38.9	35.2	30.6	26.9	23.1	19.4	15.4	11.4	8.12	5.73	4.81	4.72
55	49.5	47.5	45.0	42.3	39.8	37.5	34.8	31.5	27.7	24.2	20.8	17.4	13.9	10.4	7.64	5.68	4.96	4.88
60	36.1	35.3	34.2	32.8	31.5	30.7	28.7	26.1	23.2	20.3	17.4	14.5	11.5	8.92	6.91	5.61	5.19	5.13
65	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
70	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
75	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	0.00	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
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_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
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V(B) Range:-60 - 60DEG
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Humidity:65.0%
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