

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

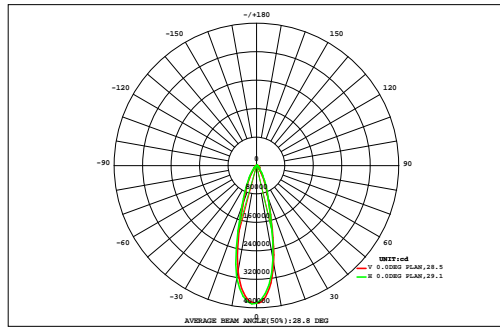
Maximum Intensity (Luminaire orientation as tested.)		2637.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	62.3V x 59.4H 29.0V x 28.5H 12.9V x 12.8H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	999.0 lumens per klm. 775.2 lumens per klm. 387.8 lumens per klm. 96.5 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:12 July 2018

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=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:146.59lm/W	
MODEL		Imax(cd)	388641
NOMINAL POWER(W)	1000	AVAILABILITY(%)	77.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	114346
NOMINAL FLUX(lm)	147368	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	147368
TEST VOLTAGE(V)	220	q @50%(H,V)	28,29DEG

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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	2.55	14.2	35.9	64.5	96.9	132	166	196	215	216	198	168	134	98.7	66.6	38.0	15.5	2.83	1860	0.00	0.00
40	2.59	15.6	39.3	70.3	109	158	213	279	336	341	292	221	161	111	72.0	41.1	16.6	2.79	2481	0.00	0.00
30	2.87	17.9	45.1	81.4	134	206	340	594	852	879	654	382	217	136	83.3	46.3	18.6	2.96	4694	379	0.00
	3.15	20.0	50.4	94.4	162	279	649	1404	2155	2231	1547	764	317	164	95.5	50.6	20.1	3.09	10010	7067	0.00
	3.31	21.5	54.7	107	188	397	1198	2898	5649	5922	3257	1401	480	192	106	53.9	21.3	3.22	21953	19744	0.00
	3.34	22.3	57.1	113	204	493	1608	4765	10174	10473	5459	1884	605	212	112	56.0	22.0	3.33	36266	34241	0.00
	3.27	22.1	56.8	113	203	479	1538	4357	9347	9654	4987	1813	588	211	112	56.3	22.2	3.42	33566	31530	0.00
	3.10	21.2	54.2	105	187	374	1071	2497	4427	4628	2770	1274	455	196	109	55.8	22.2	3.51	18251	15909	0.00
	2.78	19.4	49.8	94.1	166	278	584	1215	1832	1888	1344	696	320	178	102	54.7	22.1	3.65	8848	5475	0.00
-30	2.42	17.4	44.9	82.7	140	222	347	554	759	784	608	390	243	156	94.2	52.3	21.4	3.65	4522	0.00	0.00
-40	2.19	15.4	39.8	72.6	115	173	238	303	352	357	316	252	188	129	83.5	47.3	19.6	3.41	2708	0.00	0.00
-50	2.08	13.0	33.8	61.0	93.4	130	168	202	223	225	208	177	140	103	69.4	39.5	16.4	2.98	1907	0.00	0.00
-60	0.41	2.28	5.96	10.6	16.3	21.6	26.4	30.4	33.0	33.3	31.2	27.5	23.0	17.7	11.9	6.82	2.82	0.54	302	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	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	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
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90				
F t	34.1	222	568	1070	1815	3342	8147	19294	36353	37633	21669	9450	3869	1905	1117	599	241	39.41	147368	---	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	4408	16409	33681	34978	18812	6038	20.6	0.00	0.00	0.00	0.00	0.00	---	114346	---

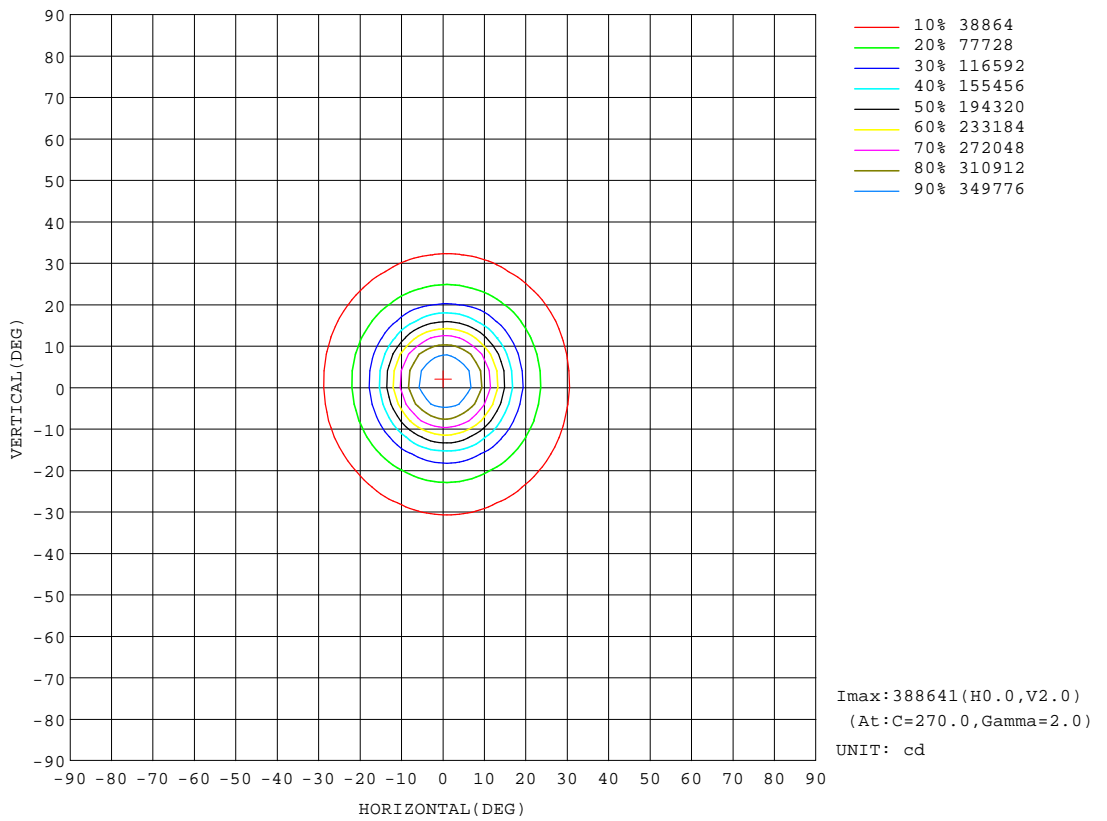
one-half-peak spread: U:15.3,D:13.9 , L:13.6,R:15.0 NEMA Beam Type: Type 4

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 July 2018

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=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

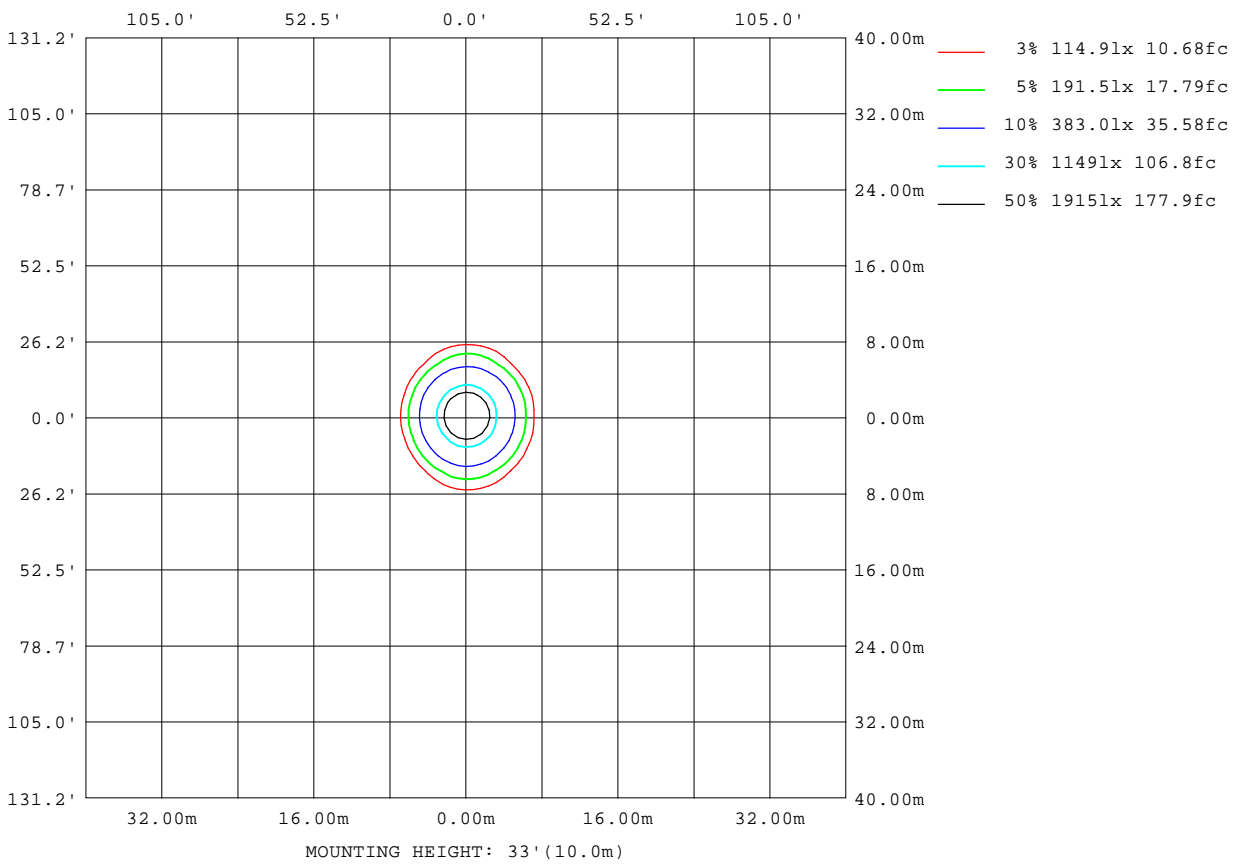


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:12 July 2018

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=1.0000]
 Remarks:

ISOLUX DIAGRAM

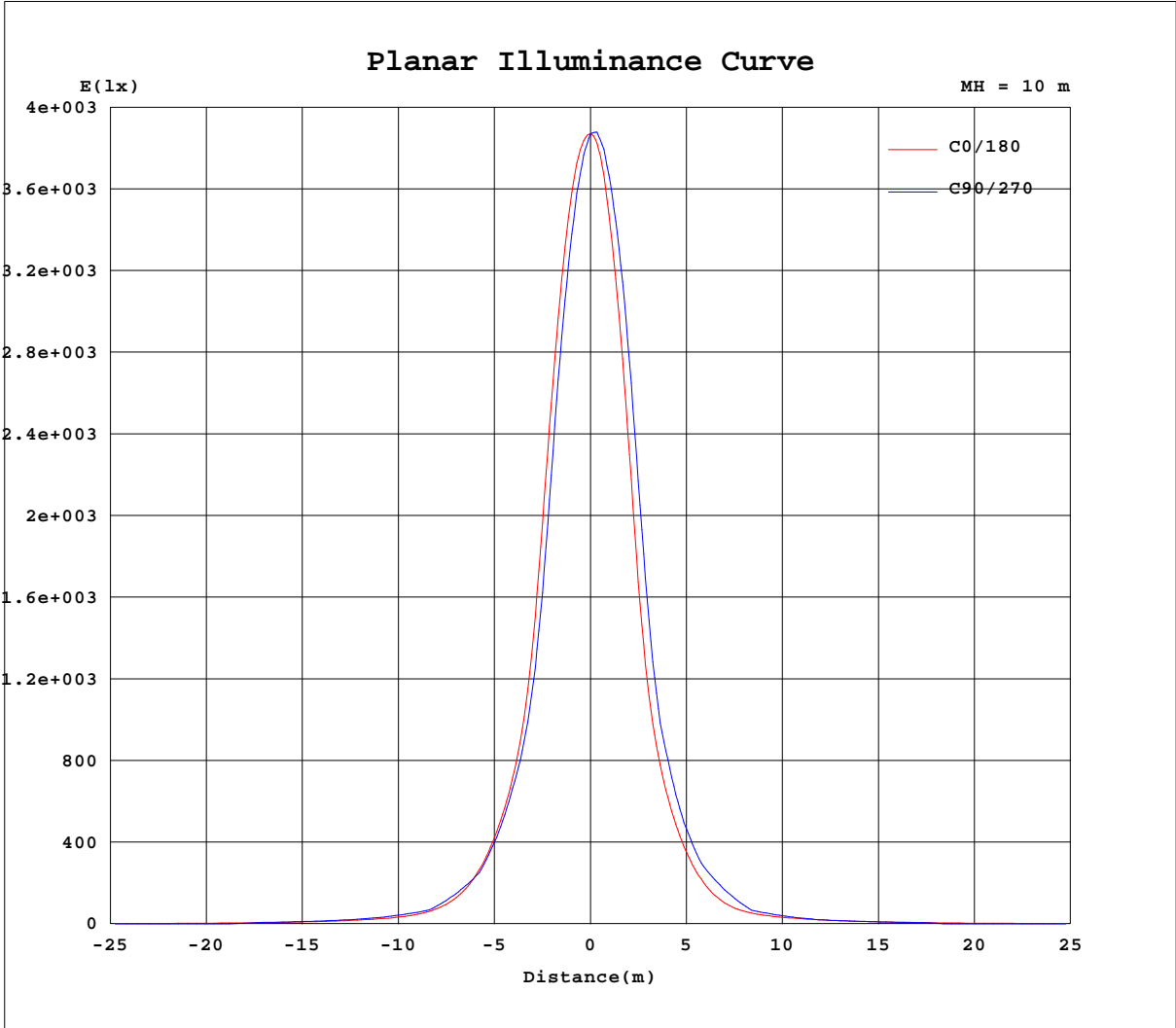
Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 July 2018

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=1.0000]
Remarks:

Planar Illuminance Curve



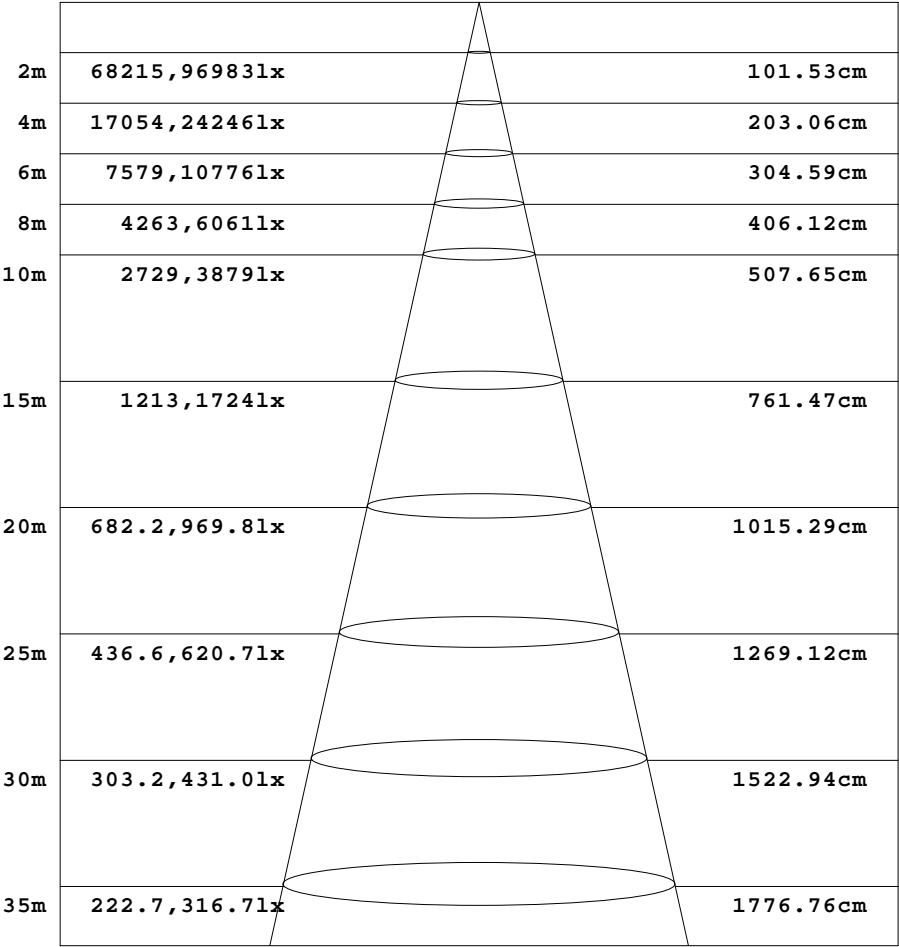
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 July 2018

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=1.0000]
Remarks:

AAI Figure

Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:57333 lm



Height Eavg, Emax Angle:28.48deg 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:12 July 2018

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	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	5.79	6.77	9.61	14.2	19.3	23.6	27.2	30.9	35.0	38.7	41.9	44.8	47.6	50.1	52.5	54.7	56.4	57.8	58.5
-55	5.52	6.69	10.2	15.6	21.0	25.6	29.7	34.0	38.3	42.4	46.4	50.6	54.8	58.8	62.7	66.2	69.0	71.0	72.0
-50	5.11	6.58	11.0	17.7	23.5	28.5	33.5	38.6	43.2	47.9	53.1	59.1	65.5	71.9	78.0	83.4	87.8	90.7	92.1
-45	4.73	6.53	11.7	18.7	24.8	30.2	35.6	40.8	46.1	52.2	59.3	67.1	75.4	83.7	92.1	100	108	114	117
-40	4.16	6.46	12.7	20.3	26.7	32.7	38.7	44.2	50.3	58.6	68.5	79.2	90.3	101	113	126	139	149	153
-35	3.99	6.73	13.5	21.2	27.9	34.2	40.3	46.3	53.9	63.5	74.5	86.7	101	121	147	178	210	236	248
-30	3.75	7.15	14.7	22.7	29.7	36.5	42.8	49.5	59.3	70.7	83.4	97.9	117	149	198	257	318	367	389
-25	3.79	7.70	15.6	23.8	31.0	38.1	44.6	52.3	63.2	75.4	89.0	106	136	192	273	375	476	553	587
-20	3.90	8.53	16.6	25.1	32.7	40.2	47.1	56.4	68.3	81.6	96.8	121	178	278	424	598	769	906	971
-15	4.02	8.93	17.2	25.9	33.8	41.5	48.8	59.2	71.6	85.4	102	137	217	356	552	786	1041	1283	1417
-10	4.23	9.22	17.9	26.9	35.0	42.9	50.8	62.3	75.4	90.0	111	162	277	471	739	1107	1695	2382	2687
-5	4.45	9.39	18.2	27.3	35.6	43.6	51.8	63.7	77.3	92.3	115	177	312	531	842	1347	2267	3066	3369
0	4.85	9.56	18.4	27.6	35.9	44.0	52.5	64.7	78.5	93.9	119	188	339	578	937	1623	2784	3588	3871
5	5.02	9.69	18.5	27.6	35.8	44.0	52.4	64.5	78.3	93.5	119	186	335	574	926	1589	2734	3526	3823
10	5.31	9.77	18.3	27.2	35.8	43.2	51.2	62.7	76.1	90.6	113	170	298	512	810	1265	2108	2912	3212
15	5.49	9.83	18.1	26.8	34.6	42.5	50.1	60.9	73.7	87.4	107	154	261	444	691	1015	1506	2091	2376
20	5.69	9.71	17.4	25.8	33.3	40.7	47.7	57.0	68.7	81.0	95.9	127	195	320	492	692	902	1086	1184
25	5.74	9.60	16.9	25.0	32.2	39.4	45.9	54.1	64.9	76.4	89.1	111	159	244	368	516	660	775	830
30	5.74	9.21	15.8	23.6	30.3	37.0	43.0	49.4	58.5	68.5	78.8	91.7	115	155	213	291	370	430	458
35	5.71	8.93	15.1	22.4	28.9	35.2	41.0	46.8	54.4	63.4	72.7	83.7	101	129	169	222	275	317	336
40	5.66	8.51	14.0	20.8	26.9	32.6	38.1	42.9	48.3	55.7	63.6	71.7	79.8	89.5	102	118	134	146	152
45	5.67	8.25	13.2	19.6	25.4	30.7	36.0	40.7	45.5	51.5	58.1	65.0	71.9	79.6	89.0	100.0	111	119	123
50	5.69	7.85	12.1	17.8	23.1	27.9	32.8	37.3	41.2	45.2	49.8	55.0	60.0	64.8	69.2	73.1	76.0	78.2	79.2
55	5.76	7.67	11.4	16.4	21.5	26.0	30.3	34.6	38.4	42.1	46.0	50.0	54.0	57.7	61.2	64.3	66.7	68.5	69.3
60	5.88	7.41	10.4	14.4	19.1	23.1	26.6	30.5	34.3	37.5	40.2	42.7	44.8	46.9	49.1	51.1	52.7	53.9	54.4
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:12 July 2018

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:217.4V I:4.714A P:1005W PF:0.9809 Freq:50.02Hz Lamp Flux:147368x1 lm		
NAME: SFX-G5-1000W-30D-50K	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	58.4	57.6	56.2	54.4	52.3	50.2	47.8	45.1	42.2	38.8	34.8	30.8	27.0	22.9	17.9	12.5	9.43	7.70
-55	71.7	70.4	68.2	65.3	61.9	58.4	54.5	50.6	46.7	42.8	38.6	34.2	29.7	25.1	19.9	13.8	9.84	7.87
-50	91.7	89.6	86.2	81.6	76.4	70.7	64.7	58.8	53.5	48.8	44.3	39.4	33.8	28.5	22.8	15.9	10.5	8.12
-45	116	112	105	97.2	88.9	81.0	73.2	65.6	58.6	52.3	46.9	41.7	35.9	30.0	24.0	16.9	10.7	8.05
-40	152	145	133	120	108	96.4	86.0	75.8	66.2	57.4	50.9	45.2	39.0	32.4	25.9	18.4	11.0	7.94
-35	243	224	195	163	135	111	94.5	81.7	70.8	60.9	52.8	46.4	40.1	33.2	26.4	18.8	11.1	7.49
-30	380	342	287	228	175	134	107	90.5	77.7	66.1	55.7	48.3	41.7	34.5	27.2	19.3	11.2	6.81
-25	570	507	415	316	228	162	120	95.7	81.1	68.7	57.4	48.9	42.1	34.7	27.2	19.2	11.1	6.18
-20	937	819	661	492	338	220	146	105	85.6	72.1	60.0	50.0	42.7	35.2	27.4	19.2	10.9	5.34
-15	1342	1121	867	633	429	268	168	113	88.2	73.9	61.3	50.4	42.9	35.6	27.3	19.0	10.6	4.87
-10	2496	1898	1256	851	565	344	202	126	92.1	76.2	63.0	51.3	43.2	35.6	27.4	19.0	10.2	4.53
-5	3168	2494	1566	972	630	381	219	133	94.0	77.0	63.6	51.6	43.2	35.6	27.3	18.9	10.1	4.57
0	3683	3007	1919	1087	686	413	234	139	95.3	77.3	64.0	51.9	43.2	35.7	27.3	18.8	9.83	4.44
5	3627	2952	1876	1070	675	407	231	138	94.6	76.9	63.8	51.7	43.0	35.5	27.1	18.5	9.66	4.28
10	3017	2352	1467	928	606	367	212	129	91.4	74.8	62.2	50.7	42.4	35.1	26.7	18.3	9.52	4.21
15	2208	1679	1144	785	522	319	189	119	87.5	72.4	60.6	49.5	41.7	34.4	26.3	18.0	9.37	4.22
20	1136	973	767	564	381	240	151	103	81.1	68.4	57.6	47.5	40.4	33.4	25.5	17.5	9.22	4.26
25	803	705	567	421	289	190	127	93.3	76.2	65.0	54.9	45.8	39.3	32.4	24.9	17.1	9.12	4.39
30	446	398	325	248	181	131	99.1	80.7	69.2	59.8	50.7	43.4	37.7	31.0	24.0	16.4	9.09	4.65
35	328	295	246	192	147	112	88.5	74.2	64.3	55.8	47.9	41.7	36.2	29.8	23.1	15.8	9.02	4.86
40	150	140	126	110	94.4	82.2	72.6	64.4	57.0	49.7	43.7	39.1	34.0	28.0	21.9	14.8	8.92	5.18
45	121	115	105	93.8	82.9	73.6	66.0	59.0	52.6	46.6	41.5	37.2	32.2	26.6	20.9	14.3	8.80	5.36
50	78.7	76.9	74.0	70.1	65.6	60.9	56.1	50.9	46.0	41.9	38.3	34.3	29.4	24.5	19.3	13.4	8.62	5.62
55	68.8	67.4	65.0	61.9	58.4	54.7	50.9	46.9	42.9	39.2	35.7	31.8	27.4	23.0	17.9	12.7	8.47	5.78
60	54.0	53.0	51.4	49.6	47.5	45.4	43.2	40.8	38.1	35.2	31.8	28.0	24.5	20.6	15.8	11.6	8.25	6.02
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_(β) Range:-90 - 90DEG
H_(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 July 2018

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=1.0000]
Remarks: