

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

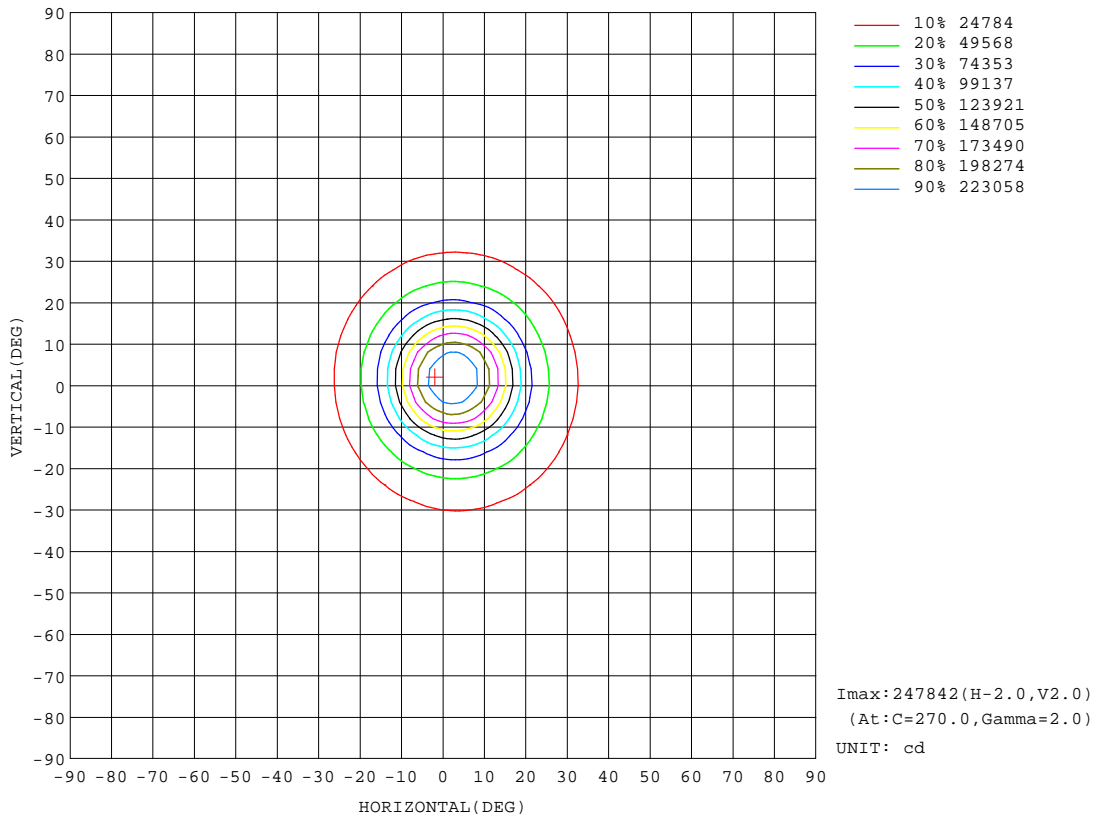
Maximum Intensity (Luminaire orientation as tested.)		2691.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	61.9V x 59.0H 28.7V x 28.5H 12.5V x 12.2H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.1 lumens per klm. 781.4 lumens per klm. 390.3 lumens per klm. 90.7 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:13 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:220.8V I:2.737A P:602.3W PF:0.9966 Freq:59.98Hz Lamp Flux:92083x1 lm		
NAME: SFX-G5-600W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

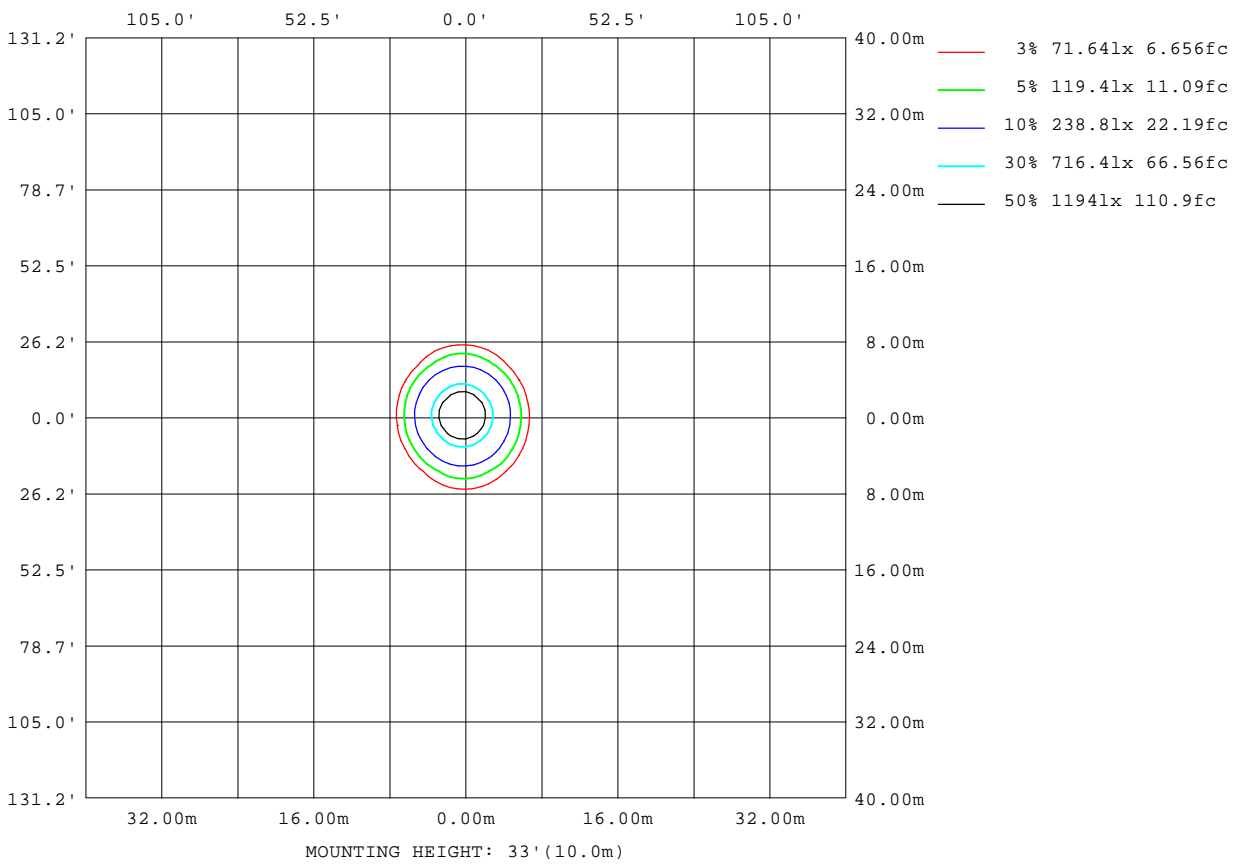


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:13 July 2018

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

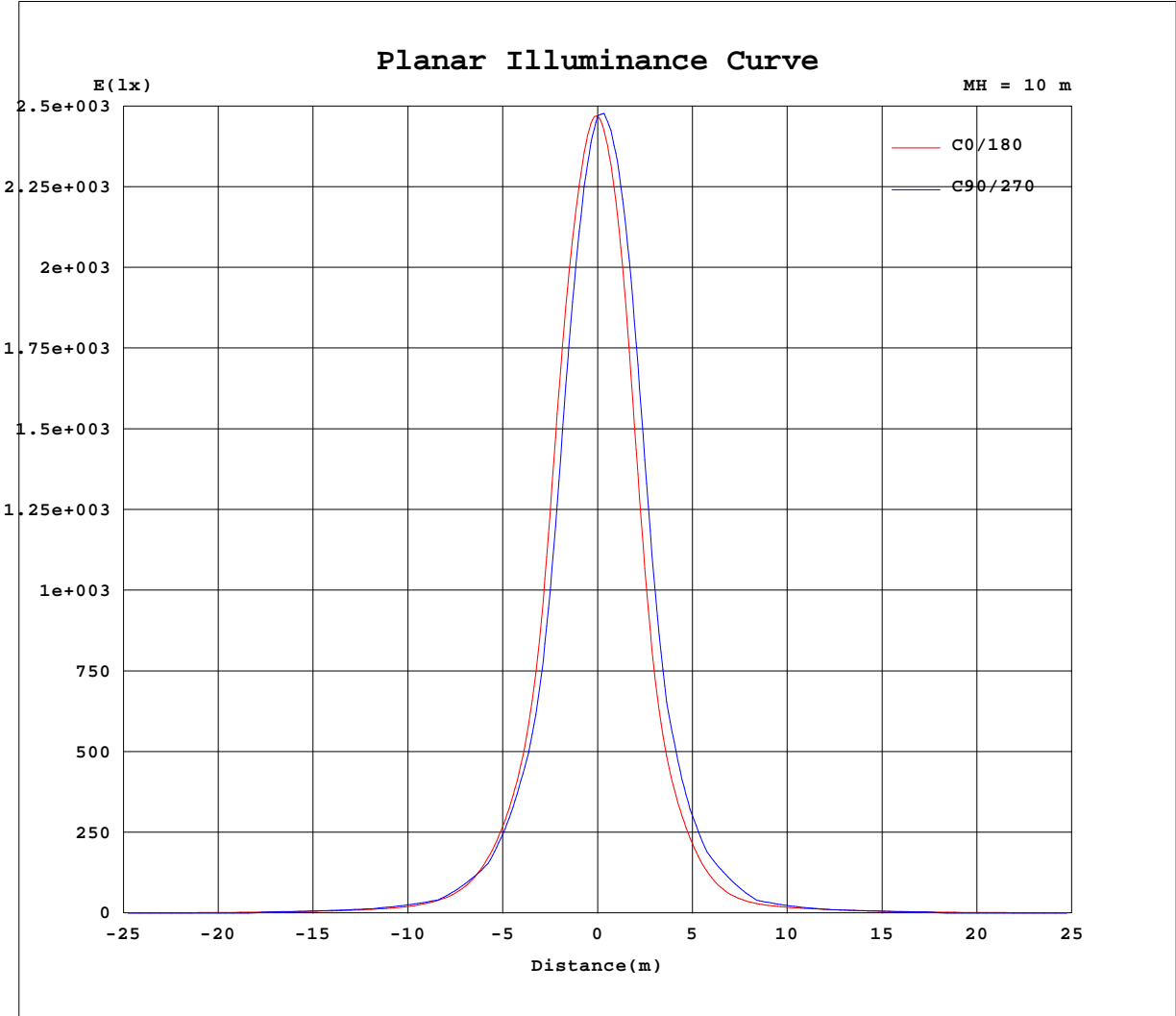
Test:U:220.8V I:2.737A P:602.3W PF:0.9966 Freq:59.98Hz Lamp Flux:92083x1 lm		
NAME: SFX-G5-600W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:13 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



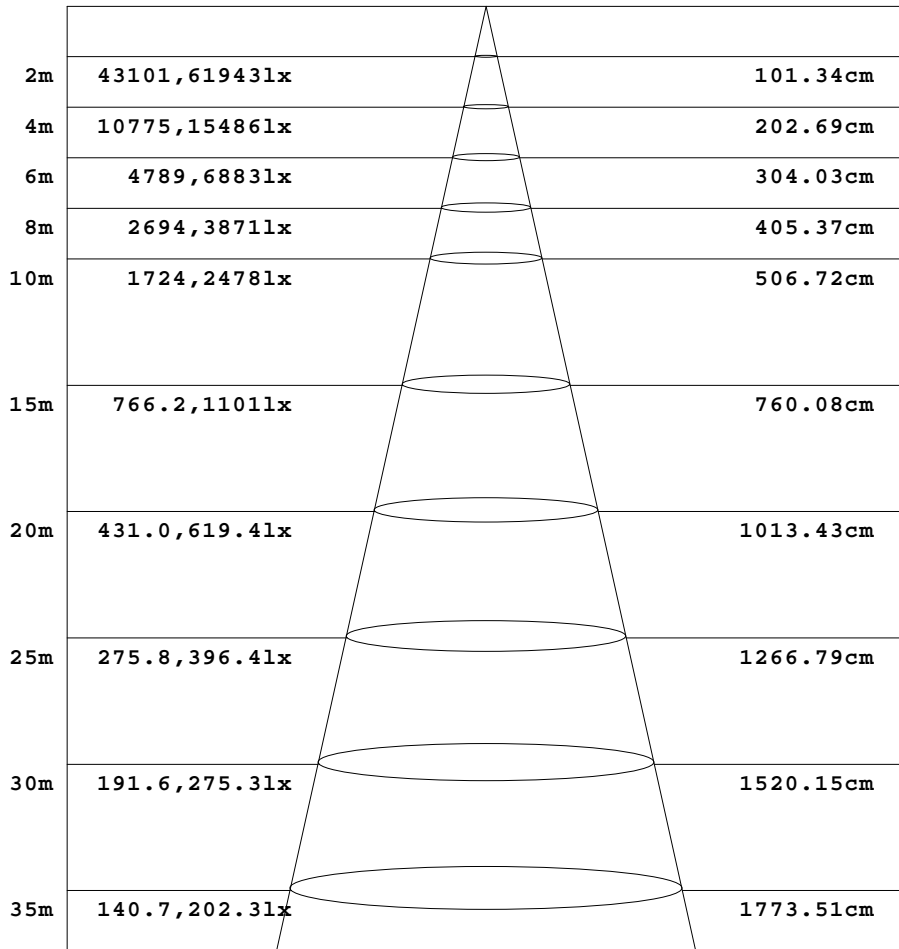
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:13 July 2018

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:220.8V I:2.737A P:602.3W PF:0.9966 Freq:59.98Hz Lamp Flux:92083x1 lm		
NAME: SFX-G5-600W-30D-50K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:36226 lm



Height Eavg, Emax Angle:28.43deg 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:13 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:220.8V I:2.737A P:602.3W PF:0.9966 Freq:59.98Hz Lamp Flux:92083x1 lm		
NAME: SFX-G5-600W-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	3.31	3.78	4.76	7.24	10.1	13.2	15.4	17.5	20.3	22.3	23.6	25.0	26.4	27.9	29.3	30.6	31.7	32.6	33.2
-55	3.13	3.62	4.84	7.78	11.2	14.2	16.7	19.2	21.7	23.9	25.8	28.0	30.4	32.9	35.3	37.4	39.1	40.4	41.3
-50	3.38	4.97	8.58	12.9	15.6	18.7	21.8	23.9	26.2	29.1	32.4	36.3	40.4	44.3	47.6	50.2	52.1	53.4	53.6
-45	3.15	5.06	9.12	13.5	16.4	19.8	22.8	25.2	28.3	32.5	37.0	41.6	46.3	51.0	56.0	61.1	65.6	68.6	69.5
-40	2.28	2.81	5.20	9.92	14.4	17.7	21.5	24.1	27.1	31.5	37.5	44.0	49.7	55.1	61.1	68.6	77.4	85.7	91.4
-35	2.16	2.73	5.51	10.6	14.9	18.6	22.2	25.1	28.9	34.4	40.7	47.0	53.9	63.1	76.9	94.8	116	135	148
-30	2.61	5.97	11.5	15.6	20.0	23.4	26.5	31.6	38.6	45.4	51.6	60.1	75.2	101	134	173	209	232	236
-25	2.66	6.48	12.3	16.3	20.9	24.3	27.9	34.0	41.3	47.7	54.7	67.8	94.6	138	196	262	320	354	357
-20	1.78	2.79	7.13	13.1	17.3	22.0	25.5	30.0	37.3	44.5	50.5	60.2	84.5	134	213	318	431	528	588
-15	1.81	2.89	7.48	13.6	17.9	22.6	26.3	31.4	39.3	46.3	52.6	65.8	101	170	279	418	576	737	858
-10	3.11	7.83	14.0	18.5	23.4	27.3	33.3	41.6	48.3	55.6	75.5	127	227	379	581	889	1300	1594	1605
-5	3.36	8.02	14.3	18.8	23.7	27.8	34.2	42.7	49.2	57.5	81.7	142	260	436	698	1170	1739	2062	2059
0	2.18	3.70	8.17	14.5	19.0	23.9	28.1	34.8	43.4	49.8	59.1	86.5	155	287	483	821	1454	2105	2425
5	2.27	3.89	8.25	14.5	19.0	23.8	28.1	34.8	43.3	49.7	59.1	86.6	155	286	481	816	1432	2078	2392
10	4.12	8.25	14.4	18.7	23.5	27.5	33.8	42.1	48.5	57.0	80.9	139	254	425	681	1131	1672	2014	2024
15	4.22	8.23	14.2	18.4	23.1	26.9	32.7	40.8	47.1	54.6	75.0	123	219	364	559	853	1218	1490	1506
20	2.66	4.29	8.04	13.8	17.7	22.2	25.8	30.6	38.0	44.3	50.4	64.4	95.6	159	260	388	533	678	775
25	2.79	4.27	7.87	13.4	17.1	21.6	24.9	29.0	35.8	42.2	47.6	57.7	80.3	124	195	288	390	482	536
30	4.20	7.47	12.6	16.2	20.4	23.5	26.6	32.0	38.3	43.4	49.2	61.0	81.7	115	162	215	261	288	289
35	4.10	7.16	11.9	15.5	19.4	22.5	25.3	29.7	35.3	40.4	45.8	54.5	69.2	92.4	124	159	190	208	209
40	3.00	3.96	6.71	10.8	14.6	17.8	21.1	23.2	26.2	30.6	36.0	40.7	44.7	50.4	57.9	66.4	75.7	83.9	89.0
45	3.05	3.90	6.42	10.1	14.0	16.8	20.0	22.2	24.7	28.2	32.6	36.8	40.7	45.5	51.1	57.0	63.4	69.0	72.3
50	3.82	5.98	8.97	13.1	15.3	18.4	20.8	22.4	24.6	27.5	31.0	34.9	38.3	40.9	43.1	45.0	46.5	47.2	46.9
55	3.81	5.73	8.40	11.9	14.5	17.1	19.4	21.3	23.1	25.3	28.0	30.9	33.6	35.7	37.6	39.2	40.5	41.2	41.0
60	3.30	3.79	5.35	7.53	10.2	13.4	15.0	17.5	19.6	20.8	22.1	23.6	25.0	26.5	28.0	29.4	30.6	31.6	32.2
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_(β) Range:-90 - 90DEG
H_(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:13 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:220.8V I:2.737A P:602.3W PF:0.9966 Freq:59.98Hz Lamp Flux:92083x1 lm		
NAME: SFX-G5-600W-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	33.4	33.1	32.4	31.5	30.4	29.2	27.8	26.4	24.9	23.7	21.9	19.3	17.0	14.9	11.6	8.48	5.86	4.88
-55	41.5	41.0	39.9	38.5	36.6	34.5	32.2	29.9	27.8	25.9	23.8	21.4	18.8	16.3	13.2	9.47	6.28	5.01
-50	52.8	51.3	49.0	46.0	42.5	38.8	35.3	32.1	29.3	26.8	24.5	21.5	18.3	15.5	11.0	6.92	5.21	4.56
-45	68.2	65.2	60.8	55.4	49.9	44.7	40.1	35.7	31.8	28.5	25.8	22.8	19.4	16.3	11.8	7.22	5.19	4.52
-40	93.3	91.3	86.0	78.4	69.6	61.0	53.7	47.3	41.1	35.5	31.1	27.8	24.8	21.0	17.4	13.0	7.68	5.15
-35	151	143	128	110	91.4	75.5	62.7	52.3	44.4	38.1	32.7	28.6	25.4	21.7	17.7	13.5	7.95	4.91
-30	221	192	157	124	97.2	76.1	59.8	49.4	41.9	35.0	29.9	26.3	22.7	18.2	14.2	8.35	4.54	3.55
-25	332	283	224	166	120	88.4	66.4	52.2	43.6	36.3	30.4	26.5	22.8	18.2	14.2	8.36	4.17	3.38
-20	594	545	458	353	252	168	111	77.6	57.1	45.8	38.2	31.3	26.6	22.9	18.3	14.2	8.34	3.63
-15	869	763	610	456	319	207	130	85.4	60.5	47.1	39.2	31.9	26.7	23.0	18.3	14.1	8.21	3.41
-10	1332	940	632	423	269	160	97.5	65.4	48.9	40.4	32.7	26.8	22.9	18.3	13.9	8.04	3.16	2.10
-5	1756	1218	752	478	300	176	104	67.5	49.6	40.8	33.1	27.0	22.9	18.2	13.8	7.91	3.22	1.90
0	2417	2099	1511	870	527	327	189	109	69.0	49.8	41.0	33.2	26.9	22.8	18.1	13.6	7.78	3.29
5	2411	2082	1493	850	517	322	186	107	67.7	49.0	40.6	33.0	26.7	22.7	18.0	13.5	7.66	3.33
10	1728	1170	710	458	288	166	97.6	63.4	47.0	39.4	32.0	26.1	22.3	17.6	13.3	7.51	3.33	1.46
15	1245	860	583	393	247	144	88.0	58.7	45.2	38.4	31.2	25.6	21.9	17.3	13.0	7.35	3.33	1.21
20	770	678	548	414	287	181	111	72.8	51.4	42.4	36.2	29.5	24.7	21.3	16.7	12.7	7.15	3.31
25	535	484	403	307	214	138	89.8	62.1	46.9	40.3	34.3	28.2	24.1	20.8	16.2	12.4	7.00	3.35
30	267	226	175	127	89.2	64.9	49.4	41.9	37.1	31.3	26.2	23.0	19.9	15.5	12.0	6.81	3.40	1.95
35	194	166	131	98.8	73.1	56.2	45.3	39.2	34.4	29.2	25.0	22.3	19.1	15.0	11.4	6.67	3.49	2.13
40	89.2	84.4	76.0	66.2	56.9	49.1	43.1	39.2	35.1	30.3	26.2	23.3	21.1	17.8	14.2	10.6	6.46	3.62
45	72.3	69.0	63.2	56.5	50.0	44.3	39.6	35.8	32.0	28.1	24.7	22.4	20.1	16.7	13.7	9.98	6.26	3.66
50	45.8	44.0	41.9	39.7	37.3	34.3	30.8	27.4	24.7	22.6	20.9	18.6	15.2	13.0	9.03	5.97	3.71	2.78
55	40.1	38.7	36.9	35.0	33.0	30.7	28.0	25.5	23.3	21.5	19.5	17.1	14.4	11.9	8.47	5.76	3.75	2.91
60	32.2	31.6	30.6	29.3	27.9	26.5	25.2	24.0	22.5	21.2	19.9	17.5	14.9	13.3	10.4	7.63	5.45	3.82
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:13 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: