

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	913.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-1.0 degrees horizontal

Beam Spread	At 10% of Imax	98.4V x 96.8H
	At 50% of Imax	63.1V x 61.9H
	At 90% of Imax	27.8V x 29.1H

Beam Flux	Total	999.8 lumens per klm.
	To 10% of Imax	918.6 lumens per klm.
	To 50% of Imax	619.9 lumens per klm.
	To 90% of Imax	163.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

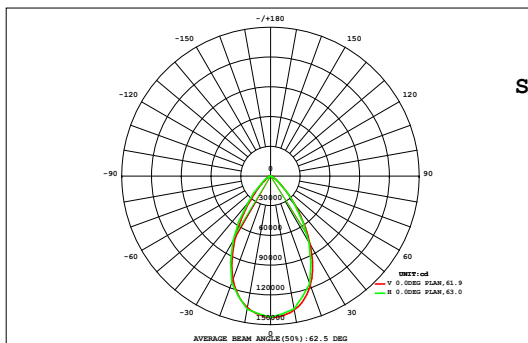
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:222.20V I:4.6348A P:1025.2W PF:0.9955 Freq:49.97Hz Lamp Flux:155994x1 lm		
NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		



DATA OF LAMP		Eff:152.15lm/W	
MODEL	SP-1000W-5700K-RA70-5050-60°	Imax(cd)	142556
NOMINAL POWER(W)	1000	AVAILABILITY(%)	92.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	143519
NOMINAL FLUX(lm)	155994	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	155994
TEST VOLTAGE(V)	220	θ @50% (H,V)	62,63DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	3.28	7.19	12.4	18.7	25.3	31.9	37.7	42.0	44.1	44.0	41.4	36.8	30.9	24.3	17.8	11.7	6.76	3.14	439	0.00
72	3.28	7.19	12.4	18.7	25.3	31.9	37.7	42.0	44.1	44.0	41.4	36.8	30.9	24.3	17.8	11.7	6.76	3.14	439	0.00
64	5.41	11.5	20.0	30.5	42.8	56.0	68.9	79.4	85.0	84.2	77.3	66.0	53.0	40.2	28.6	18.6	10.7	5.05	783	0.00
56	7.35	15.8	28.4	46.3	71.8	106	144	179	201	199	177	139	101	67.9	43.9	27.1	15.3	7.18	1577	0.00
48	9.48	20.8	39.3	71.1	125	207	312	410	471	469	405	303	199	118	66.7	37.1	19.8	9.16	3292	2171
40	12.0	27.0	55.1	113	225	406	632	836	955	945	810	594	371	201	99.4	48.4	24.0	10.7	6365	5725
32	13.8	32.7	74.8	173	381	718	1107	1438	1620	1606	1398	1046	654	334	149	64.2	29.1	12.7	10851	10366
24	15.4	38.4	97.4	250	575	1057	1581	1996	2210	2198	1957	1514	982	509	212	82.6	33.9	14.2	15323	14922
	16.1	41.6	112	304	712	1294	1895	2339	2561	2559	2327	1870	1258	675	282	103	38.8	15.8	18403	18048
	16.8	44.3	124	346	809	1450	2084	2525	2738	2734	2510	2053	1406	765	320	113	41.1	16.4	20095	19754
	17.7	47.1	133	372	850	1499	2119	2541	2738	2723	2493	2026	1375	739	302	107	39.2	15.7	20137	19794
	16.6	43.1	117	321	746	1343	1945	2376	2583	2573	2339	1877	1260	672	279	101	38.0	15.5	18645	18283
-24	15.1	37.5	94.5	243	566	1053	1585	2006	2220	2209	1975	1537	1005	527	222	85.9	34.6	14.5	15431	15022
-32	13.2	31.4	72.1	170	379	721	1121	1465	1654	1650	1451	1104	703	366	162	68.5	30.3	13.2	11176	10702
-40	11.5	26.3	54.6	114	231	431	678	905	1036	1028	882	649	402	213	104	50.1	24.8	11.2	6852	6236
-48	9.97	21.8	41.2	75.0	131	216	326	431	489	476	397	284	179	107	61.5	35.0	19.1	8.81	3308	2346
-56	7.49	16.0	28.3	45.2	68.0	97.3	129	159	176	175	155	126	93.3	64.3	42.5	26.7	15.1	7.04	1431	151
-64	5.29	11.4	19.9	30.5	42.8	56.4	70.2	82.0	88.7	88.7	81.9	69.9	55.8	41.9	29.5	19.1	11.0	5.18	810	0.00
-72	3.27	7.19	12.6	18.9	25.5	31.8	37.2	41.0	42.9	42.6	40.5	36.5	31.1	24.9	18.4	12.3	7.13	3.35	437	0.00
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)	16	24	32	40	48	56	64	72			
Φ t	200	481	1136	2743	6008	10775	15871	19850	21913	21804	19516	15331	10158	5492	2441	1011	439	189	155356	---
Φ a	0.00	0.00	72.3	1827	5263	10117	15254	19218	21298	21203	18876	14702	9487	4749	1448	5.93	0.00	0.00	---	143519

one-half-peak spread: U:31.9,D:31.5 , L:31.2,R:31.1

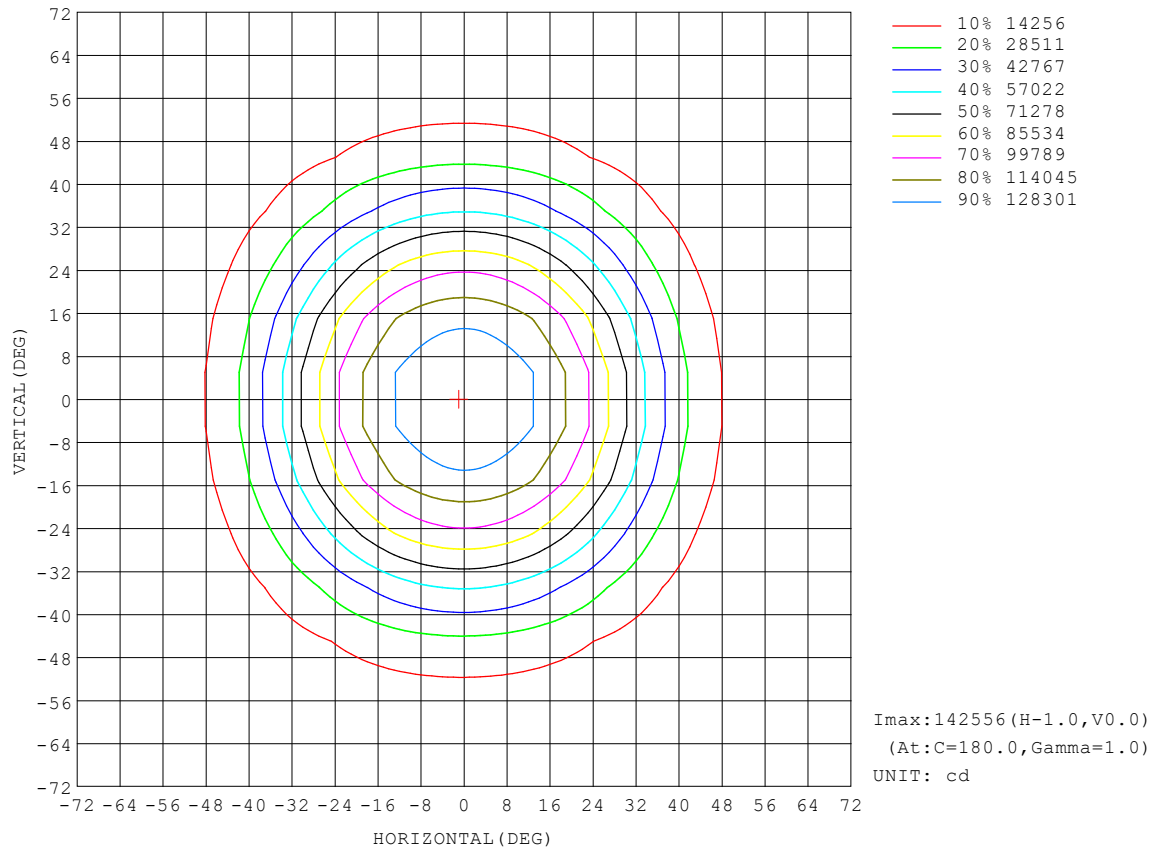
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:222.20V I:4.6348A P:1025.2W PF:0.9955 Freq:49.97Hz Lamp Flux:155994x1 lm		
NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		

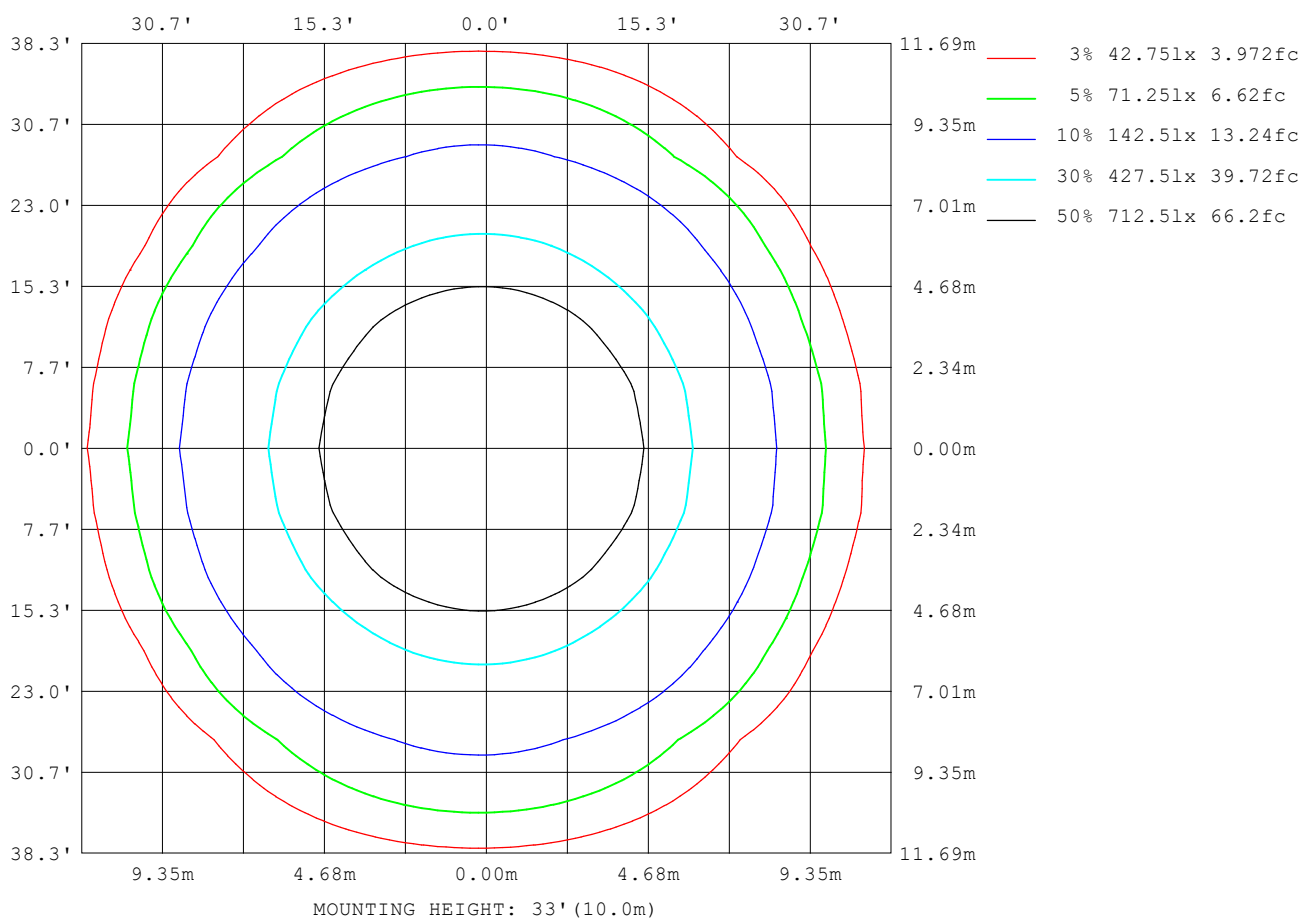


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

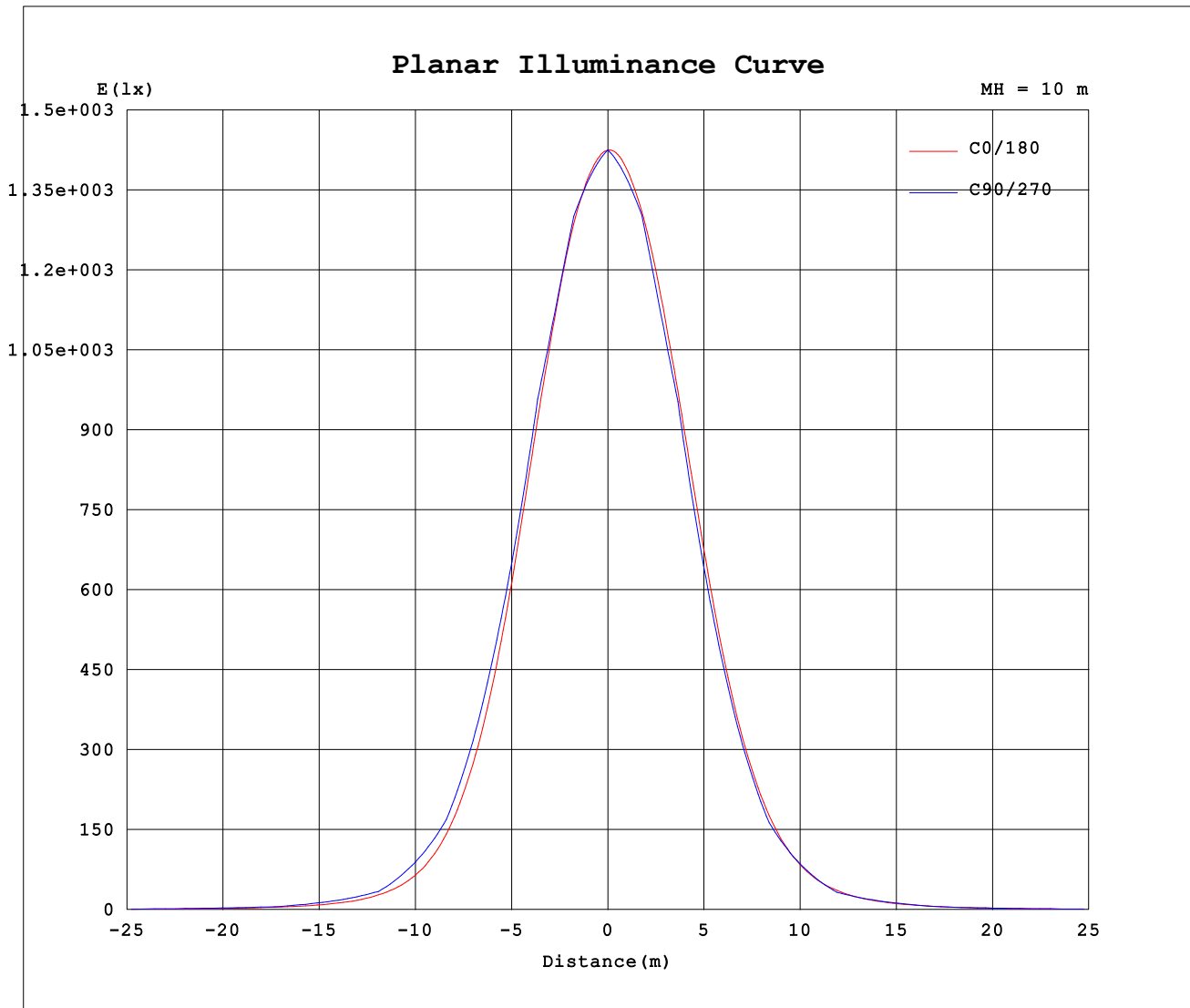
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NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		



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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve

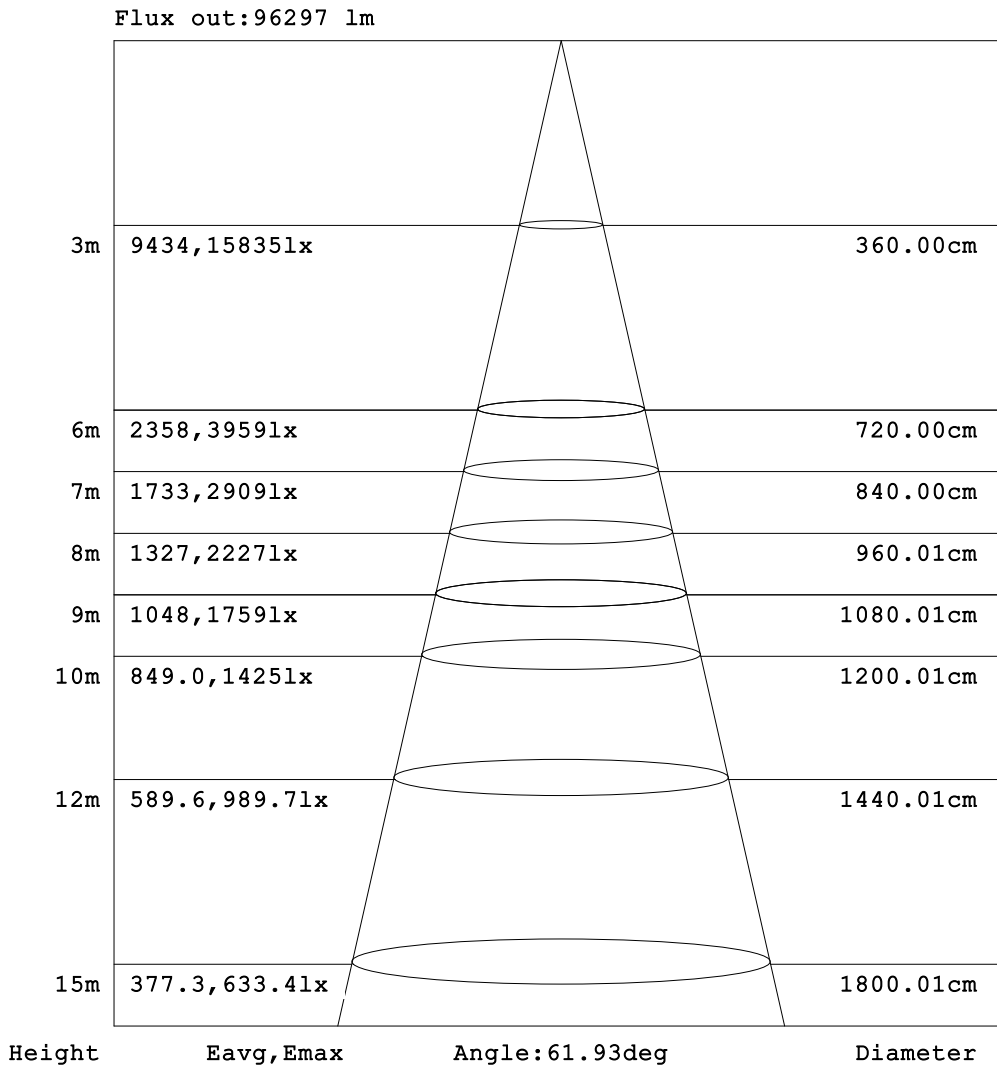


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:222.20V I:4.6348A P:1025.2W PF:0.9955 Freq:49.97Hz Lamp Flux:155994lx1 lm		
NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		



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:C
 Test Date:08 December 2022

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.20V I:4.6348A P:1025.2W PF:0.9955 Freq:49.97Hz Lamp Flux:155994x1 lm		
NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		

Table--1

UNIT: X100cd

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	0.15	0.23	0.46	0.79	1.22	1.68	2.22	2.81	3.42	4.07	4.72	5.28	5.77	6.19	6.53	6.78	6.95	7.04	7.05
-75	0.14	0.25	0.58	1.19	2.11	3.09	4.16	5.31	6.47	7.62	8.75	9.79	10.8	11.6	12.3	12.9	13.3	13.6	13.6
-70	0.13	0.37	0.88	1.93	3.39	4.90	6.55	8.27	9.98	11.6	13.2	14.7	16.1	17.4	18.4	19.2	19.8	20.1	20.2
-65	0.12	0.35	1.03	2.47	4.50	6.60	8.85	11.2	13.7	16.2	18.7	21.2	23.7	26.2	28.5	30.5	32.0	32.9	33.1
-60	0.12	0.51	1.63	3.75	6.44	9.17	12.1	15.1	18.3	21.7	25.2	28.7	32.4	36.0	39.4	42.4	44.7	45.9	46.0
-55	0.11	0.45	1.67	4.16	7.35	10.6	14.2	18.2	22.5	27.7	33.6	40.6	48.8	57.7	66.6	75.2	82.2	86.6	88.0
-50	0.11	0.65	2.52	5.80	9.51	13.4	17.9	22.9	28.7	35.9	44.7	55.7	68.8	82.9	97.4	111	122	128	130
-45	0.10	0.56	2.51	6.15	10.3	14.9	20.2	26.6	34.9	46.4	62.0	82.9	109	140	174	206	232	248	254
-40	0.11	0.92	3.70	8.16	12.8	18.3	24.9	33.2	45.0	62.4	86.7	120	162	211	263	311	350	372	377
-35	0.09	0.70	3.45	8.04	13.0	19.0	26.5	36.8	52.4	77.1	114	167	236	316	396	470	529	566	578
-30	0.10	1.16	4.84	9.84	15.4	22.4	31.8	45.5	68.2	104	159	239	340	452	560	655	727	769	779
-25	0.09	0.89	4.49	9.55	15.4	22.8	33.0	48.9	76.2	122	195	298	426	565	698	813	898	950	967
-20	0.10	1.58	6.03	11.4	18.0	26.7	39.4	61.0	99.1	163	267	405	566	732	886	1010	1095	1143	1154
-15	0.09	1.14	5.24	10.6	17.1	25.8	38.5	60.5	100	169	281	434	611	795	962	1094	1188	1241	1259
-10	0.10	2.02	6.41	12.2	19.3	29.0	44.4	72.3	123	212	352	532	732	930	1098	1223	1307	1352	1362
-5	0.09	1.46	5.56	11.2	18.1	27.5	41.9	68.1	116	202	339	520	724	929	1106	1237	1326	1376	1394
0	0.10	2.32	6.75	12.7	20.2	30.6	47.4	78.7	136	239	393	587	800	1006	1173	1295	1372	1414	1425
5	0.08	1.62	5.60	11.2	18.2	27.6	42.0	68.3	117	202	340	521	725	930	1106	1238	1327	1377	1395
10	0.11	2.17	6.50	12.2	19.5	29.3	44.7	72.8	124	214	355	534	732	929	1098	1224	1308	1354	1364
15	0.08	1.54	5.32	10.7	17.3	26.0	38.8	61.0	101	170	283	435	611	793	959	1092	1186	1240	1257
20	0.11	2.06	6.12	11.5	18.2	27.0	39.8	61.7	99.8	164	267	403	563	728	879	1003	1090	1139	1149
25	0.07	1.36	4.78	9.68	15.5	23.0	33.2	49.3	76.6	122	194	296	422	558	690	803	888	940	958
30	0.10	1.72	5.22	9.98	15.5	22.5	31.9	45.7	68.1	104	158	235	334	443	549	642	712	755	765
35	0.08	1.14	4.01	8.21	13.1	19.1	26.6	36.9	52.4	76.4	113	164	231	308	386	458	515	552	564
40	0.10	1.43	4.31	8.32	12.9	18.4	24.9	33.2	44.7	61.6	85.4	117	157	204	254	299	335	358	363
45	0.08	0.93	3.13	6.45	10.4	14.9	20.3	26.6	34.7	45.8	61.1	81.1	106	135	167	197	222	238	244
50	0.09	1.06	3.12	6.09	9.65	13.5	17.9	22.8	28.6	35.4	44.0	54.3	66.4	79.8	93.2	106	116	122	124
55	0.09	0.68	2.17	4.51	7.43	10.7	14.2	18.1	22.4	27.3	33.1	39.7	47.3	55.6	63.9	71.7	78.1	82.5	83.8
60	0.09	0.76	2.06	4.02	6.47	9.16	12.0	15.0	18.1	21.3	24.7	28.1	31.4	34.8	37.9	40.6	42.6	43.7	43.9
65	0.09	0.41	1.34	2.71	4.49	6.56	8.77	11.1	13.4	15.9	18.3	20.7	23.0	25.3	27.4	29.2	30.6	31.4	31.7
70	0.10	0.40	1.09	2.05	3.31	4.82	6.48	8.09	9.72	11.3	12.9	14.3	15.6	16.8	17.8	18.5	19.1	19.4	19.4
75	0.10	0.20	0.64	1.24	2.04	2.99	4.07	5.16	6.28	7.38	8.43	9.41	10.3	11.1	11.8	12.3	12.7	12.9	13.0
80	0.10	0.15	0.39	0.74	1.11	1.57	2.10	2.69	3.28	3.85	4.39	4.89	5.36	5.75	6.07	6.30	6.46	6.55	6.56
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:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.20V I:4.6348A P:1025.2W PF:0.9955 Freq:49.97Hz Lamp Flux:155994x1 lm		
NAME: SP-1000W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE		

Table--2

UNIT: X100cd

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	6.99	6.85	6.63	6.33	5.95	5.50	4.99	4.43	3.86	3.27	2.69	2.14	1.63	1.15	0.76	0.50	0.28	0.19	
-75	13.5	13.2	12.8	12.2	11.5	10.6	9.67	8.65	7.59	6.49	5.37	4.30	3.28	2.31	1.40	0.78	0.40	0.21	
-70	19.9	19.4	18.7	17.8	16.6	15.4	14.0	12.5	10.9	9.27	7.62	6.05	4.53	3.07	1.74	0.88	0.39	0.21	
-65	32.7	31.6	29.9	27.9	25.6	23.1	20.7	18.2	15.8	13.4	11.1	8.85	6.73	4.76	2.78	1.35	0.60	0.25	
-60	45.1	43.2	40.4	37.1	33.6	29.9	26.4	23.0	19.7	16.5	13.6	10.8	8.12	5.64	3.14	1.42	0.57	0.28	
-55	86.2	81.4	74.0	65.5	56.4	47.5	39.5	32.6	26.9	22.1	17.9	14.2	10.8	7.67	4.73	2.17	0.86	0.36	
-50	126	117	104	90.4	75.6	61.8	49.7	39.8	32.1	25.8	20.7	16.2	12.1	8.51	5.18	2.20	0.86	0.44	
-45	247	229	202	170	136	106	80.0	59.7	44.5	33.6	25.9	19.9	14.9	10.7	6.91	3.32	1.23	0.58	
-40	362	331	287	236	184	138	102	72.7	51.9	37.9	28.5	21.6	16.0	11.3	7.18	3.24	1.20	0.70	
-35	565	527	467	393	312	233	165	112	75.2	51.1	35.9	26.2	19.2	13.6	8.92	4.78	1.70	0.87	
-30	756	702	620	519	407	298	205	134	87.1	57.0	38.7	27.7	20.0	13.9	8.98	4.72	1.63	1.03	
-25	950	898	812	696	562	423	295	190	119	74.2	47.4	32.4	23.0	16.1	10.6	6.05	2.26	1.18	
-20	1129	1065	962	822	661	495	339	212	129	78.3	48.8	32.8	23.0	15.9	10.3	5.66	2.05	1.33	
-15	1243	1190	1097	964	797	613	433	279	167	98.5	59.1	37.9	26.1	18.0	11.8	6.86	2.90	1.42	
-10	1341	1284	1186	1045	860	657	461	294	171	99.2	58.6	37.2	25.5	17.4	11.2	6.28	2.58	1.52	
-5	1378	1330	1241	1109	931	725	519	336	199	114	66.3	41.0	27.7	19.0	12.4	7.24	3.30	1.53	
0	1401	1348	1251	1110	923	709	500	316	183	105	61.0	38.2	25.9	17.6	11.4	6.34	2.79	1.55	
5	1379	1330	1240	1107	929	722	516	334	198	114	66.0	40.9	27.6	18.9	12.4	7.18	3.28	1.48	
10	1342	1283	1184	1042	856	652	457	291	170	98.3	58.2	37.0	25.3	17.3	11.1	6.17	2.68	1.43	
15	1240	1186	1092	958	790	606	428	274	165	97.0	58.6	37.7	25.8	17.8	11.7	6.69	2.99	1.28	
20	1122	1057	952	812	652	487	334	208	127	76.7	48.2	32.6	22.6	15.7	10.1	5.50	2.26	1.15	
25	940	888	802	686	553	415	289	186	117	72.7	47.0	32.3	22.8	15.9	10.4	5.88	2.53	0.98	
30	743	690	609	509	399	291	199	131	85.6	56.3	38.4	27.6	19.8	13.8	8.80	4.71	1.83	0.82	
35	552	515	457	384	304	227	161	109	74.0	50.5	35.6	26.1	19.0	13.4	8.74	4.85	1.99	0.66	
40	350	321	277	228	178	134	98.6	70.8	51.3	37.6	28.3	21.5	15.7	11.1	7.01	3.65	1.31	0.50	
45	237	221	195	164	132	103	78.0	58.2	43.9	33.3	25.7	19.8	14.8	10.6	6.82	3.71	1.45	0.40	
50	120	112	100	86.7	73.0	60.0	48.6	39.2	31.7	25.7	20.5	16.1	12.0	8.45	5.30	2.69	0.91	0.29	
55	82.2	77.9	71.2	62.9	54.4	46.1	38.6	32.0	26.6	21.9	17.8	14.1	10.7	7.62	4.89	2.61	0.98	0.24	
60	43.1	41.4	38.9	35.8	32.5	29.2	25.8	22.6	19.4	16.4	13.4	10.7	8.04	5.63	3.49	1.77	0.55	0.18	
65	31.3	30.4	28.9	27.0	24.8	22.5	20.2	17.9	15.5	13.2	10.9	8.74	6.65	4.73	3.01	1.62	0.59	0.16	
70	19.3	18.8	18.2	17.3	16.2	15.0	13.6	12.2	10.7	9.08	7.49	5.95	4.46	3.11	1.93	1.02	0.28	0.14	
75	12.9	12.7	12.3	11.7	11.0	10.2	9.34	8.36	7.35	6.28	5.22	4.17	3.17	2.26	1.45	0.80	0.29	0.13	
80	6.51	6.38	6.17	5.90	5.56	5.15	4.66	4.13	3.61	3.06	2.51	1.98	1.50	1.08	0.68	0.35	0.15	0.12	
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:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141695	141583	141481	141389	141308	141238	141179	141130	141082	141036
5.0	140126	139939	139779	139647	139541	139463	139411	139386	139366	139356
7.5	137854	137617	137440	137321	137260	137231	137244	137304	137380	137385
10.0	134783	134527	134372	134316	134355	134484	134623	134518	134496	134570
12.5	130432	130217	130183	130324	130587	130738	130602	130634	130812	131128
15.0	125068	124942	125066	125421	125789	125497	125491	125690	126126	126129
17.5	118481	118494	118880	119610	119402	119256	119474	119807	119635	119638
20.0	110985	111187	111841	112438	111871	111793	112070	112186	112493	112881
22.5	102193	102688	103815	103900	103448	103609	103682	104052	104830	104436
25.0	92268	93082	94659	93969	93515	93917	94707	95679	94882	94719
27.5	81627	82814	84642	83423	83132	83930	85301	84768	84248	84556
30.0	70898	72366	73628	72362	72626	74089	74335	73487	73461	74627
32.5	60038	61877	62646	61495	62426	64309	62901	62193	63778	65236
35.0	49955	51884	51982	51033	52782	53039	51854	52870	54646	54879
37.5	40315	42528	42092	41811	43846	42489	42267	44355	44876	44214
40.0	31607	33903	33056	33478	34608	33019	34537	35958	35089	35032
42.5	24324	26561	25410	26431	26153	25717	27944	27401	26840	28539
45.0	18339	20356	18955	20547	19325	20213	21090	20086	21581	22778
47.5	13849	15230	14415	15460	14366	15949	15392	15793	17183	16700
50.0	10528	11478	11043	11357	11260	11842	11436	12543	12521	11621
52.5	7951	8588	8542	8363	8876	8655	9093	9416	8701	9502
55.0	6101	6517	6665	6252	6861	6576	7170	6722	7107	7663
57.5	4787	5022	5252	5017	5130	5342	5289	5322	5787	5706
60.0	3817	3958	4073	4130	3982	4250	4044	4428	4386	4267
62.5	3133	3195	3223	3341	3341	3263	3427	3468	3403	3623
65.0	2590	2648	2611	2661	2758	2703	2802	2749	2904	2970
67.5	2143	2223	2224	2214	2171	2298	2227	2347	2366	2311
70.0	1765	1868	1877	1833	1817	1892	1894	1894	1863	1941
72.5	1428	1541	1453	1420	1478	1501	1506	1500	1564	1600
75.0	1138	1174	1169	1167	1144	1171	1174	1232	1234	1228
77.5	871.1	881.8	862.3	838.1	876.6	879.3	917.0	907.1	921.3	953.0
80.0	634.4	669.8	627.7	617.6	614.9	635.2	628.6	663.5	691.6	701.4
82.5	435.6	395.2	338.2	362.5	384.2	410.8	436.5	438.2	437.5	433.2
85.0	278.6	181.3	165.3	182.2	226.5	224.9	214.7	200.0	181.7	159.7
87.5	170.1	65.45	75.68	70.93	53.13	29.48	0	0	0	0
90.0	154.9	0	0	0	0	0	0	0	0	0

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141000	140974	140958	140954	140938	140925	140923	140931	140952	140953
5.0	139366	139379	139382	139403	139402	139403	139406	139389	139394	139367
7.5	137385	137413	137468	137537	137597	137673	137716	137757	137798	137797
10.0	134686	134871	135110	135356	135589	135795	135965	136102	136203	136251
12.5	131530	131614	131375	131228	131146	131083	131036	131017	131038	131095
15.0	126034	125954	125893	125874	125902	125912	125898	125883	125874	125840
17.5	119836	120084	120115	120016	120080	120202	120375	120520	120660	120707
20.0	112890	112824	112999	113288	113709	114220	114677	115111	115447	115607
22.5	104383	104690	105355	105657	105712	105793	105867	105967	106090	106259
25.0	95144	95699	96024	96316	96498	96627	96695	96732	96733	96743
27.5	85331	86069	86631	86917	86791	86835	86954	87141	87311	87426
30.0	75760	76433	76153	76134	76317	76646	77087	77516	77890	78147
32.5	65533	65193	65146	65261	66183	66842	67305	67642	67867	68032
35.0	54452	54146	55260	56177	56899	57355	57633	57792	57843	57869
37.5	44200	44664	46709	47409	47489	47439	47488	47603	47764	47930
40.0	36645	37888	37992	37717	37447	37243	37241	37384	37685	38017
42.5	29815	29471	28837	28176	28950	29959	30716	31216	31524	31613
45.0	22268	21323	21717	23006	23961	24610	25036	25260	25363	25368
47.5	15526	16679	17825	18670	19002	19089	19112	19119	19169	19261
50.0	12629	13550	14025	14029	13803	13465	13174	12980	12976	13174
52.5	10227	10309	10097	9564	9776	10207	10561	10778	10886	10897
55.0	7614	7229	7378	7829	8168	8445	8652	8758	8797	8791
57.5	5412	5811	6166	6446	6556	6625	6668	6682	6698	6728
60.0	4573	4841	4942	4950	4876	4779	4681	4608	4600	4671
62.5	3774	3781	3695	3550	3669	3779	3867	3923	3955	3967
65.0	2932	2851	2961	3060	3142	3213	3266	3295	3311	3316
67.5	2366	2445	2520	2574	2604	2628	2643	2652	2663	2674
70.0	2005	2034	2049	2054	2050	2036	2019	2010	2015	2032
72.5	1604	1598	1577	1608	1637	1655	1668	1678	1688	1694
75.0	1238	1268	1293	1315	1334	1344	1351	1356	1361	1364
77.5	978.0	997.9	1008	1017	1024	1026	1028	1030	1033	1036
80.0	705.6	708.5	710.1	710.3	709.5	707.1	704.6	704.1	704.5	709.3
82.5	425.5	414.8	402.8	389.8	377.6	366.7	358.2	353.6	352.3	356.2
85.0	134.9	109.7	84.75	61.24	40.45	23.28	10.51	2.658	0	2.677

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	140967	140993	141031	141075	141113	141164	141229	141306	141395	141489
5.0	139366	139353	139352	139366	139376	139418	139465	139529	139629	139750
7.5	137791	137772	137712	137654	137570	137475	137376	137268	137218	137305
10.0	136252	136203	136113	135987	135821	135581	135315	135050	134765	134521
12.5	131200	131372	131638	131999	132456	133029	133073	132530	131989	131471
15.0	125832	125884	125989	126143	126396	126800	127402	128211	128760	127839
17.5	120723	120646	120530	120308	120038	120093	120445	121012	121877	123118
20.0	115628	115526	115275	114862	114361	113828	113235	113097	113728	114820
22.5	106505	106893	107446	108147	108614	107743	106691	105586	104749	105605
25.0	96788	96937	97207	97670	98462	99461	99859	98341	96886	95470
27.5	87480	87457	87334	87165	87406	88036	89050	90443	88700	86739
30.0	78297	78255	78104	77809	77335	76829	77293	78306	79687	78067
32.5	68164	68328	68427	68555	67990	67338	66493	66373	67688	69255
35.0	57873	57948	58016	58096	58198	58102	57246	56229	55980	57476
37.5	48053	48128	48053	47833	48008	48170	48220	47458	46230	46308
40.0	38374	38726	38965	38996	38760	38580	38871	39039	38036	36812
42.5	31549	31343	30925	30587	30802	30712	30225	30535	30584	29553
45.0	25334	25236	24999	24641	24052	23764	23710	23180	23449	23346
47.5	19388	19478	19398	19199	19005	18567	17974	17979	17390	17693
50.0	13551	13993	14372	14563	14497	14259	14047	13621	13464	13083
52.5	10824	10656	10385	10258	10728	10836	10595	10562	10311	10021
55.0	8746	8655	8494	8259	7982	7918	8114	7960	7958	7824
57.5	6760	6763	6704	6571	6457	6278	6029	6148	6026	6086
60.0	4805	4954	5072	5124	5100	4990	4894	4741	4749	4648
62.5	3958	3921	3860	3784	3914	3967	3908	3837	3767	3739
65.0	3308	3285	3247	3201	3143	3081	3132	3106	3049	3029
67.5	2678	2676	2661	2635	2602	2571	2540	2518	2498	2441
70.0	2053	2081	2105	2119	2116	2095	2071	2061	2046	2007
72.5	1691	1686	1679	1667	1651	1669	1668	1650	1635	1635
75.0	1361	1358	1354	1346	1334	1320	1304	1298	1286	1256
77.5	1038	1038	1038	1034	1025	1012	1003	992.0	980.0	965.3
80.0	714.9	721.0	728.1	732.0	733.4	730.7	723.2	709.6	695.2	688.4
82.5	363.6	374.6	389.3	405.1	422.5	439.1	452.8	453.3	447.4	439.6
85.0	10.67	23.79	41.71	63.65	88.91	116.1	143.6	168.5	189.9	208.7
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141585	141692	141810	141938	142074	142217	142365	142522	142685	141955
5.0	139883	140053	140256	140492	140757	141049	141363	141657	142075	140519
7.5	137435	137639	137908	138228	138616	139066	139571	139076	138636	138259
10.0	134307	134497	134786	135209	135756	136413	137167	136426	135780	135244
12.5	130982	130560	130666	131188	131884	132773	133831	132792	131924	131253
15.0	127000	126249	125661	126036	126911	128076	129500	128092	126941	126078
17.5	122396	121163	120091	119609	120624	122028	123802	122036	120648	119659
20.0	116365	115369	113855	112623	113348	115067	117287	115071	113348	112603
22.5	107049	108961	106758	104900	104762	106786	109472	106799	104802	104976
25.0	96688	98628	98797	96413	95085	97446	100649	97453	95081	96385
27.5	85691	87466	90020	87087	84672	87001	90559	87035	84768	87209
30.0	75761	75770	78165	77538	74596	76140	80003	76189	74648	77583
32.5	66680	64300	66402	67883	64582	65294	69302	65361	64755	68097
35.0	57976	55114	55068	57961	54844	54638	58750	54746	55003	58143
37.5	48037	46629	44316	46983	45669	44646	48725	44737	45864	47245
40.0	37779	38804	35944	37119	37162	35380	39258	35509	37404	37313
42.5	28672	30387	28995	28399	29673	27436	30981	27528	29891	28595
45.0	22279	22786	23062	21171	23231	20698	23882	20775	23448	21329
47.5	17381	16550	17861	16124	17417	15804	18066	15872	17545	16236
50.0	13357	12716	13110	12593	12870	12122	13633	12180	12979	12686
52.5	9988	9947	9576	9921	9576	9309	10352	9364	9661	9996
55.0	7450	7696	7239	7816	7123	7220	7872	7260	7185	7884
57.5	5936	5768	5765	5830	5422	5667	6078	5704	5472	5883
60.0	4729	4487	4627	4398	4407	4530	4736	4556	4443	4435
62.5	3681	3714	3589	3525	3644	3674	3776	3705	3677	3548
65.0	2966	2994	2892	2964	3028	2976	3058	3006	3053	2979
67.5	2451	2367	2465	2387	2368	2369	2493	2394	2392	2398
70.0	1962	1977	1939	1869	1847	1871	2018	1888	1865	1879
72.5	1600	1564	1542	1590	1548	1464	1618	1476	1562	1599
75.0	1271	1238	1219	1177	1179	1204	1266	1215	1191	1188
77.5	935.3	941.0	905.9	918.3	898.4	914.5	957.7	928.0	913.3	931.4

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	675.2	649.8	644.4	594.9	557.6	571.7	675.1	594.2	594.9	607.7
82.5	424.7	418.8	405.0	372.7	329.9	307.6	428.1	364.8	380.0	388.2
85.0	223.2	221.6	210.1	192.4	156.1	113.8	231.7	168.2	192.2	200.3
87.5	0	30.31	55.93	73.37	58.02	46.11	84.12	63.08	62.50	68.64
90.0	0	0	0	0	0	0	10.18	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141833	141721	141619	141529	141439	141354	141281	141220	141172	141136
5.0	140292	140097	139936	139811	139699	139610	139557	139521	139489	139490
7.5	137950	137693	137502	137386	137313	137375	137497	137611	137724	137828
10.0	134830	134547	134370	134602	134868	135177	135464	135749	136006	136202
12.5	130754	130665	131090	131570	132093	132655	133229	133194	132591	132109
15.0	125715	126340	127140	128014	128927	128294	127421	126788	126351	126066
17.5	120173	121258	122486	123230	121919	120976	120334	119916	119828	120052
20.0	113849	115439	116483	114824	113617	112841	112905	113488	114001	114450
22.5	106812	108923	106915	105403	104500	105261	106167	107168	108062	107580
25.0	98847	98689	96622	95209	96428	97866	99263	98662	97643	96851
27.5	90026	87340	85484	86477	88193	89789	88351	87193	86382	86091
30.0	78277	75777	75596	77716	79221	77609	76454	75870	76206	76525
32.5	66457	64198	66449	68866	67169	65716	65618	66238	66740	67080
35.0	55170	55105	57741	57093	55432	55489	56335	56932	56917	56708
37.5	44433	46562	47840	45951	45673	46657	47252	47130	46829	46550
40.0	36003	38726	37593	36484	37477	38252	38002	37631	37698	37752
42.5	29069	30315	28519	29231	30034	29904	29480	29821	29808	29395
45.0	23117	22745	22132	23027	23058	22663	23045	22939	23160	23656
47.5	17936	16514	17230	17481	17094	17547	17373	17901	18279	18429
50.0	13174	12694	13221	12920	13227	13253	13595	13755	13944	13962
52.5	9612	9909	9889	9897	10107	10307	10280	10450	10317	9803
55.0	7277	7654	7386	7724	7826	7788	7877	7629	7680	7911
57.5	5804	5759	5877	6007	5941	6021	5855	6058	6217	6307
60.0	4642	4491	4684	4596	4683	4647	4769	4830	4917	4924
62.5	3607	3710	3663	3703	3714	3770	3819	3850	3781	3642
65.0	2902	2996	2961	3002	3008	3053	3063	2996	3041	3085
67.5	2473	2374	2449	2423	2464	2472	2485	2502	2520	2543
70.0	1947	1984	1956	1991	2014	2021	2025	2040	2049	2046
72.5	1550	1564	1589	1616	1607	1616	1629	1622	1598	1609
75.0	1226	1231	1257	1237	1260	1268	1269	1278	1285	1292
77.5	908.9	932.9	924.2	944.1	954.4	964.7	969.9	972.9	979.6	984.5
80.0	644.2	643.0	665.6	671.1	674.9	684.7	690.4	691.4	690.6	686.6
82.5	395.9	409.9	414.8	426.3	431.1	429.8	421.3	406.7	392.1	376.4
85.0	201.2	211.5	210.6	200.3	182.1	159.2	133.7	107.5	82.51	59.15
87.5	51.19	28.43	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141094	141056	141030	141016	141014	140992	140981	140981	140992	141005
5.0	139481	139484	139497	139496	139518	139508	139519	139510	139503	139498
7.5	137901	137969	137983	137982	137973	137923	137873	137821	137732	137657
10.0	136360	136467	136512	136495	136429	136314	136165	135971	135733	135470
12.5	131743	131481	131295	131164	131085	131049	131064	131101	131151	131231
15.0	125899	125792	125739	125729	125741	125730	125744	125749	125726	125698
17.5	120256	120376	120440	120401	120327	120174	120026	119837	119712	119650
20.0	114819	115086	115166	115104	114914	114573	114123	113651	113136	112681
22.5	106778	106216	105814	105525	105337	105216	105118	105042	104940	104862
25.0	96309	96002	95852	95777	95761	95770	95761	95702	95601	95443
27.5	86194	86286	86297	86225	86120	85979	85831	85774	85807	85935
30.0	76719	76847	76874	76708	76479	76159	75776	75491	75223	75052
32.5	66941	66821	66724	66590	66460	66279	65994	65679	65001	64194
35.0	56581	56456	56444	56433	56441	56429	56349	56198	55751	55152
37.5	46640	46676	46632	46516	46376	46267	46257	46323	46386	46394
40.0	37589	37308	36968	36624	36311	36080	36065	36169	36403	36718
42.5	29640	30057	30307	30403	30338	30079	29671	28987	27981	27236
45.0	23940	24159	24288	24349	24365	24288	24137	23777	23141	22215
47.5	18548	18603	18541	18437	18359	18332	18376	18410	18339	18013
50.0	13705	13315	12902	12546	12353	12377	12606	12950	13300	13513
52.5	9872	10113	10295	10376	10367	10274	10093	9799	9405	9179
55.0	8084	8218	8321	8373	8381	8350	8266	8107	7858	7515
57.5	6392	6432	6434	6411	6386	6374	6374	6361	6310	6194
60.0	4849	4723	4578	4455	4390	4400	4478	4592	4698	4767
62.5	3701	3748	3777	3787	3779	3752	3705	3634	3540	3431
65.0	3119	3146	3164	3170	3169	3158	3135	3094	3034	2960
67.5	2561	2570	2568	2561	2555	2551	2545	2535	2518	2493
70.0	2031	2006	1977	1954	1942	1945	1954	1971	1986	1995

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	1618	1623	1624	1623	1621	1618	1610	1598	1584	1564
75.0	1298	1301	1301	1300	1299	1300	1296	1291	1283	1272
77.5	986.8	985.4	982.9	979.6	977.3	978.0	976.9	976.5	976.0	974.5
80.0	680.6	672.6	665.5	659.3	655.6	656.3	657.2	660.6	665.2	670.0
82.5	361.6	348.2	338.0	331.0	327.8	329.4	333.6	341.3	351.8	364.0
85.0	38.74	22.11	9.920	2.488	0	2.476	9.789	21.67	37.69	57.19
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	142509	142509	142509	142509	142509	142509	142509	142509	142509	142509
2.5	141007	141019	141042	141074	141116	141161	141205	141260	141326	141403
5.0	139471	139462	139440	139421	139422	139433	139450	139494	139565	139664
7.5	137571	137501	137458	137447	137432	137346	137277	137256	137279	137334
10.0	135201	134942	134737	134604	134515	134527	134626	134479	134346	134306
12.5	131383	131625	131524	131091	130756	130570	130538	130680	130537	130283
15.0	125718	125770	125851	125972	125994	125557	125366	125390	125699	125354
17.5	119738	119703	119490	119344	119384	119622	119327	119140	119308	119542
20.0	112408	112302	112424	112427	112080	111891	111873	111597	111693	112301
22.5	104648	104003	103644	103770	104301	103615	103280	103290	103176	103689
25.0	95205	94753	94230	93958	94172	95032	94169	93465	93138	93678
27.5	85694	85091	84400	83552	83385	84044	84670	83380	82658	83048
30.0	75172	75406	74745	73655	72558	72650	73628	73470	72036	71891
32.5	64078	64109	64531	64302	62858	61373	62163	63617	61849	61018
35.0	54133	53126	53496	53964	53809	52078	51097	52412	52227	50542
37.5	45636	44717	43268	43406	44122	43573	41646	41960	43353	41372
40.0	37018	37011	35837	34326	34339	35305	33999	32429	34078	33060
42.5	27977	28710	29117	27882	26240	26831	27399	25170	25702	26079
45.0	20979	20690	21706	22199	21066	19609	20655	19802	18988	20277
47.5	17211	16155	15087	16260	16746	15444	15067	15635	14121	15259
50.0	13532	13123	12268	11299	12171	12251	11208	11637	11052	11166
52.5	9736	9992	9933	9249	8431	9192	8931	8524	8708	8204
55.0	7113	7009	7396	7464	6907	6587	7059	6489	6741	6181
57.5	5952	5636	5265	5568	5647	5243	5224	5275	5077	4968
60.0	4778	4699	4457	4183	4308	4375	3999	4212	3955	4094
62.5	3579	3680	3684	3554	3359	3431	3397	3245	3323	3321
65.0	2875	2785	2868	2917	2867	2725	2783	2687	2744	2653
67.5	2449	2389	2317	2274	2339	2325	2212	2285	2162	2205
70.0	1995	1986	1962	1908	1842	1877	1878	1808	1826	1853
72.5	1538	1561	1570	1571	1542	1485	1490	1492	1470	1401
75.0	1255	1235	1210	1204	1213	1216	1159	1164	1138	1156
77.5	971.1	964.2	948.7	928.9	900.7	892.3	904.0	871.2	869.7	831.3
80.0	673.9	675.3	675.7	676.2	669.5	647.9	617.7	626.6	608.6	620.0
82.5	376.8	387.6	396.9	407.3	415.4	421.3	422.8	401.1	382.0	381.1
85.0	79.28	102.5	125.9	149.0	169.7	187.2	199.0	212.2	220.2	195.7
87.5	0	0	0	0	0	0	0	27.09	49.64	63.66
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	142509	142509								
2.5	141490	141587								
5.0	139790	139944								
7.5	137448	137621								
10.0	134364	134522								
12.5	130154	130202								
15.0	125021	124919								
17.5	118834	118470								
20.0	111742	111135								
22.5	103672	102614								
25.0	94463	92983								
27.5	84390	82684								
30.0	73312	72207								
32.5	62323	61714								
35.0	51652	51717								
37.5	41785	42371								
40.0	32766	33753								
42.5	25179	26438								
45.0	18792	20268								
47.5	14291	15169								
50.0	10914	11415								
52.5	8449	8546								
55.0	6609	6485								
57.5	5206	5003								
60.0	4042	3942								
62.5	3206	3178								

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:08 December 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

65.0	2580	2630
67.5	2196	2203
70.0	1855	1850
72.5	1436	1522
75.0	1153	1154
77.5	843.3	865.1
80.0	623.8	651.8
82.5	377.5	413.5
85.0	197.4	223.1
87.5	74.94	68.75
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks: