

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1927.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	69.1V x 65.3H
	At 50% of Imax	41.3V x 40.8H
	At 90% of Imax	19.1V x 19.2H

Beam Flux	Total	999.6 lumens per klm.
	To 10% of Imax	866.3 lumens per klm.
	To 50% of Imax	553.6 lumens per klm.
	To 90% of Imax	128.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

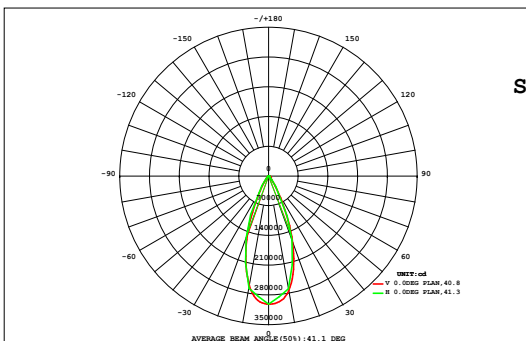
Luminaire Efficiency (Light Output Ratio)	100.0 %
---	---------

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: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:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	TYPE:	
MFR.: EVERFINE		



DATA OF LAMP		Eff:152.40lm/W	
SP-1000W-5700K-RA70-5050-40°		Imax(cd)	301495
NOMINAL POWER(W)	1000	AVAILABILITY(%)	87.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	136417
NOMINAL FLUX(lm)	156417	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	156417
TEST VOLTAGE(V)	220	θ @50% (H,V)	41,41DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm			Φ t	Φ a				
	17.3	22.0	27.6	34.6	43.3	53.2	63.0	71.0	75.9	76.3	72.4	64.8	55.2	45.2	36.3	28.9	23.1	18.2	828	0.00						
45	17.3	22.0	27.6	34.6	43.3	53.2	63.0	71.0	75.9	76.3	72.4	64.8	55.2	45.2	36.3	28.9	23.1	18.2	828	0.00						
40	21.3	27.1	34.7	44.8	57.6	72.3	86.3	97.2	103	102	94.6	82.5	68.0	53.8	41.7	32.4	25.4	19.8	1065	0.00						
35	23.2	32.1	46.1	66.8	96.2	138	189	240	273	277	250	202	150	106	73.7	50.8	35.1	25.1	2273	885						
30	28.5	41.5	63.0	95.0	141	207	287	361	402	395	344	265	189	129	86.6	57.2	37.9	26.4	3157	2142						
25	31.4	49.8	82.5	147	264	441	651	839	949	960	866	686	473	290	162	92.1	55.6	34.5	7073	6398						
20	40.8	69.1	121	230	426	705	1014	1260	1379	1352	1180	898	592	342	179	98.4	57.7	34.7	9977	9373						
15	39.8	69.8	134	282	553	927	1300	1607	1790	1816	1681	1399	1031	640	334	160	82.4	46.2	13893	13380						
-15	52.3	96.9	204	446	853	1346	1775	2091	2245	2216	2004	1638	1181	695	345	158	79.6	44.1	17470	17005						
	45.0	82.3	173	383	764	1242	1696	2033	2200	2229	2112	1801	1365	885	460	209	98.4	52.7	17832	17380						
	57.5	111	255	555	1040	1545	1992	2269	2355	2339	2170	1789	1299	799	390	170	82.8	44.8	19263	18838						
	41.9	74.3	148	328	667	1120	1552	1894	2079	2100	1973	1676	1265	810	424	196	93.6	50.8	16493	16011						
	48.3	87.7	180	388	738	1163	1545	1833	1978	1944	1742	1401	989	565	278	131	69.3	39.7	15119	14623						
	34.3	56.7	97.6	192	378	661	978	1244	1401	1424	1310	1075	774	483	257	130	69.9	40.7	10606	10053						
	36.2	58.4	96.0	173	308	509	751	934	1018	985	840	610	369	202	108	68.0	44.5	28.9	7138	6456						
	25.9	37.8	57.7	90.8	150	245	369	488	565	580	531	432	308	198	119	71.7	45.3	29.8	4344	3531						
	24.6	33.5	47.0	60.6	73.0	90.7	115	142	155	148	122	89.8	66.1	53.4	48.3	38.8	28.7	21.9	1358	343						
	-35	19.8	25.7	33.9	45.4	61.2	82.4	109	135	154	159	149	126	98.3	72.6	53.0	38.9	28.8	21.6	1414	0.00					
-40	18.3	22.4	26.5	31.2	35.7	37.1	33.8	31.0	29.4	28.6	27.8	28.5	29.5	29.1	26.3	23.1	19.9	16.5	495	0.00						
-45	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)										10	15	20	25	30	35	40	45
Φ t	606	998	1827	3594	6650	10585	14505	17571	19152	19131	17468	14263	10300	6396	3423	1754	978	596	149798	---						
Φ a	0.00	0.00	538	2659	5980	9923	13950	17069	18700	18653	16998	13702	9649	5695	2509	390	0.00	0.00	---	136417						

one-half-peak spread: U:21.1,D:20.5 , L:21.3,R:19.7

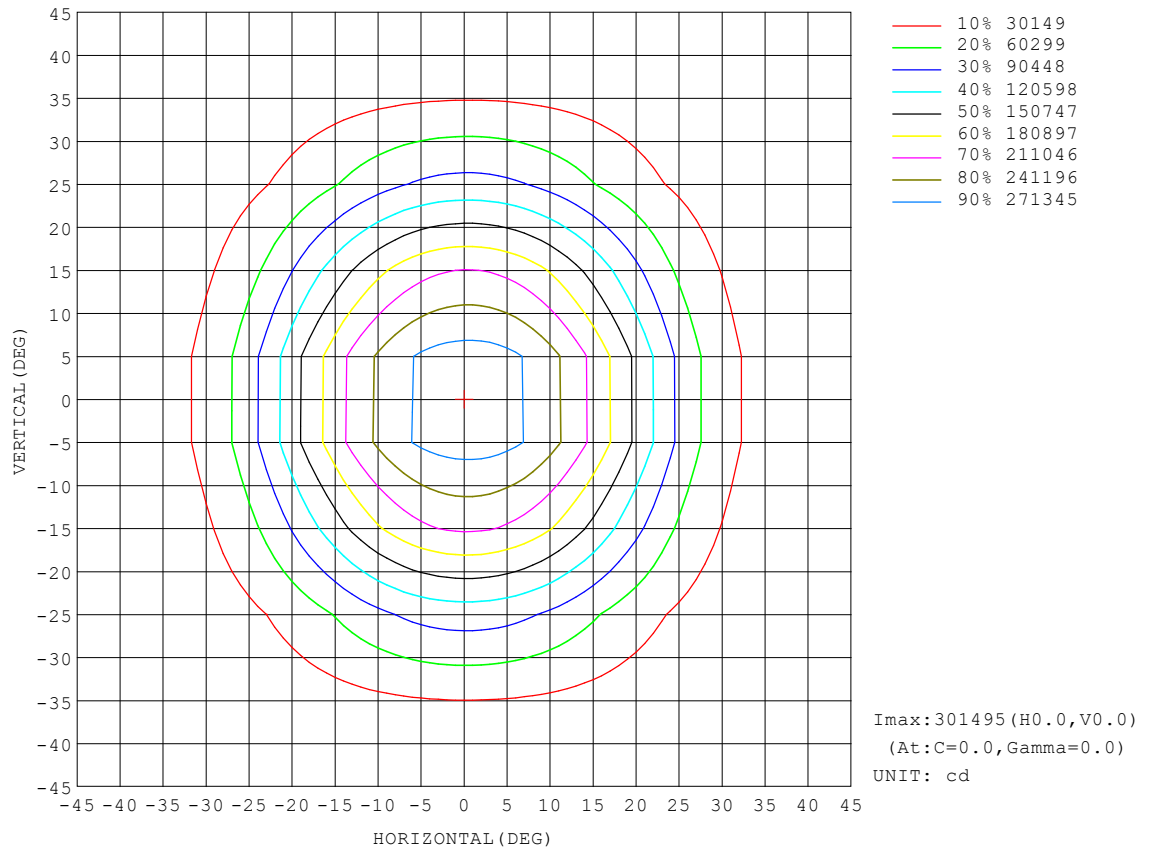
NEMA Beam Type: Type 4

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:

ISOCANDELA DIAGRAM

Test:U:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	TYPE:	
MFR.: EVERFINE		

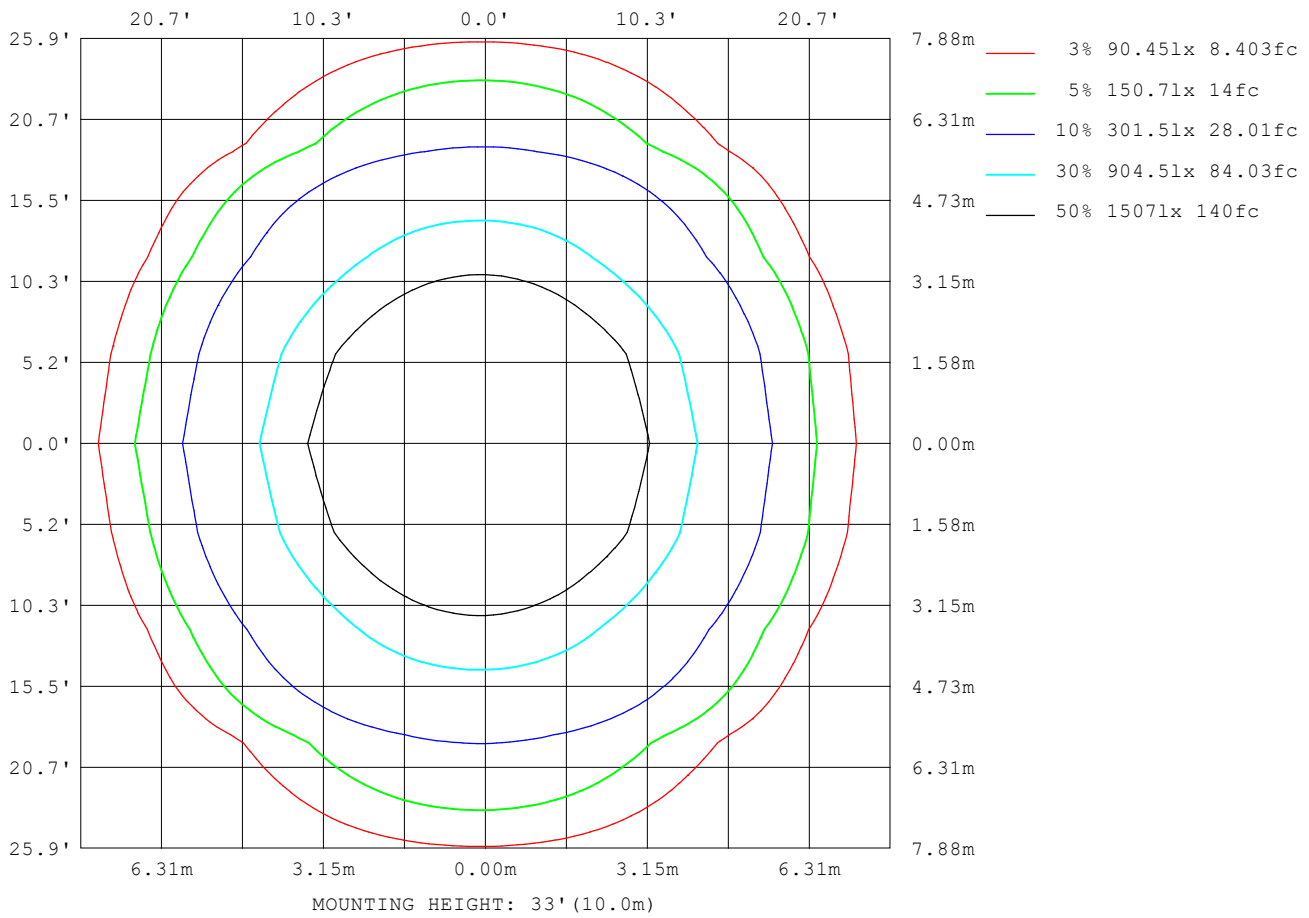


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

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

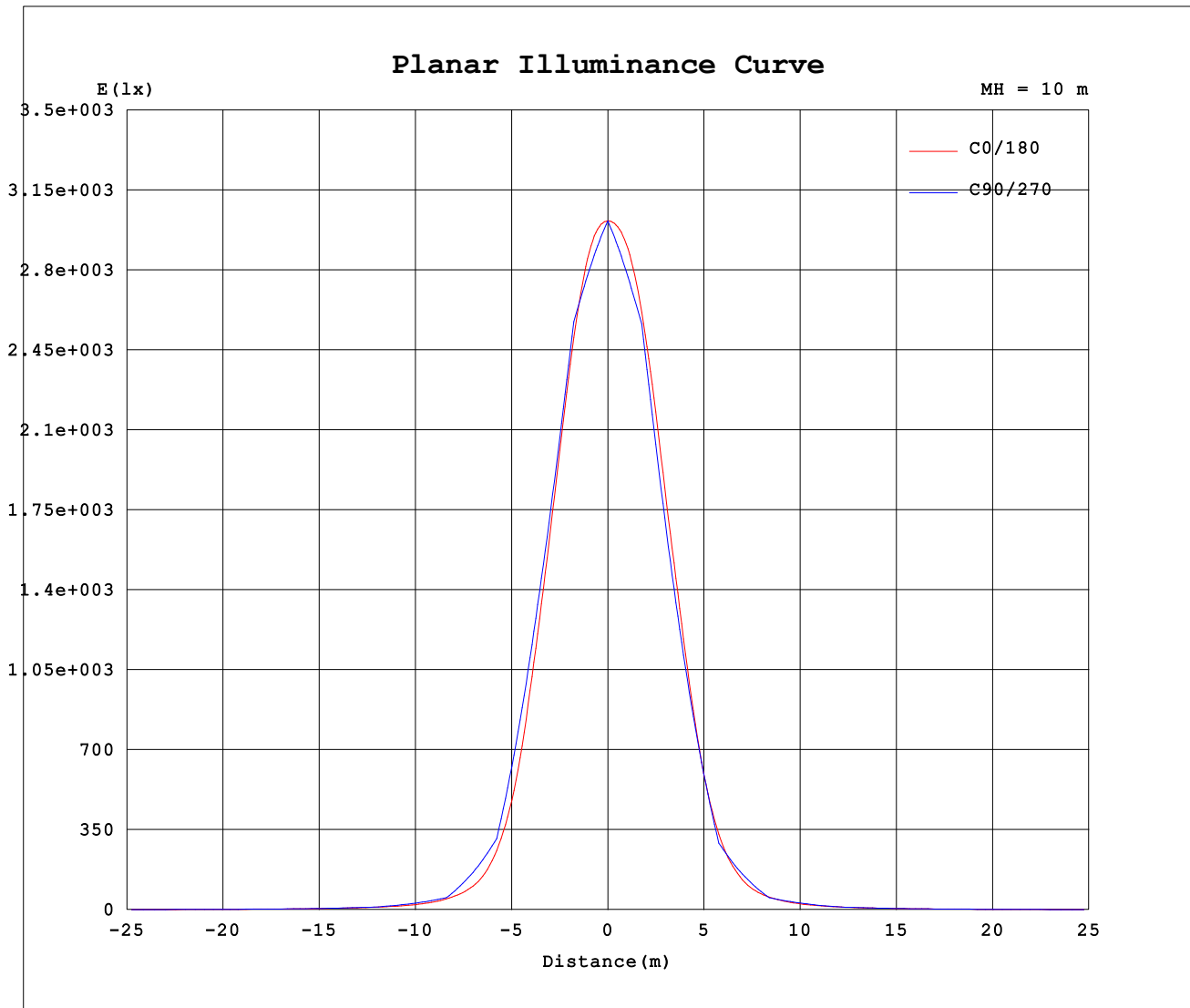
Test:U:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	TYPE:	
MFR.: EVERFINE		



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:

Planar Illuminance Curve

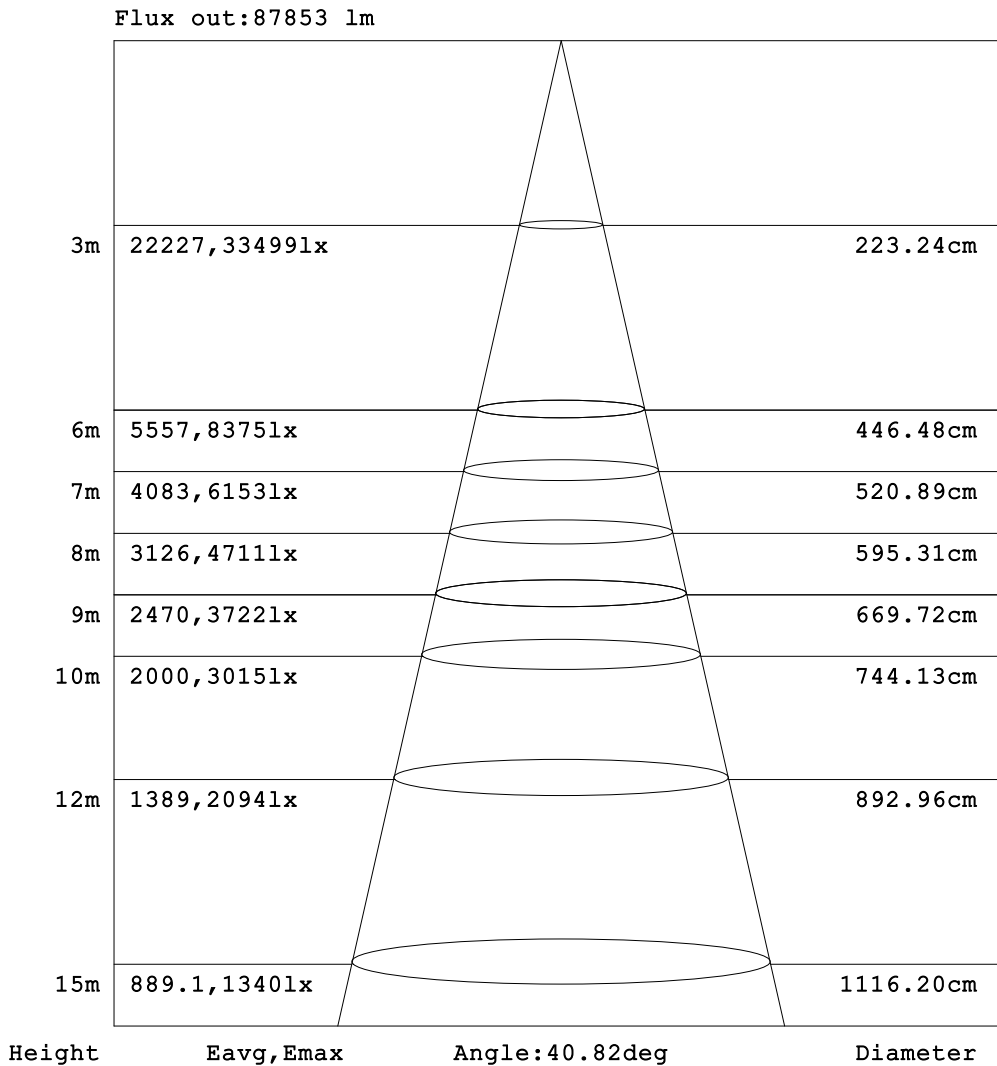


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:08 December 2022

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:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	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:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	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	0.12	0.16	0.31	0.58	0.93	1.33	1.77	2.23	2.70	3.17	3.64	4.06	4.43	4.75	5.01	5.21	5.35	5.43	5.44
-75	0.11	0.18	0.40	0.90	1.61	2.38	3.20	4.04	4.88	5.70	6.50	7.26	7.95	8.56	9.08	9.50	9.82	10.0	10.1
-70	0.11	0.25	0.65	1.48	2.61	3.75	4.97	6.18	7.38	8.54	9.66	10.7	11.7	12.6	13.3	13.9	14.4	14.6	14.7
-65	0.10	0.24	0.78	1.89	3.43	4.96	6.57	8.23	9.92	11.6	13.2	14.9	16.4	17.7	18.9	20.0	20.7	21.2	21.3
-60	0.10	0.36	1.26	2.87	4.86	6.81	8.85	11.0	13.1	15.3	17.5	19.6	21.6	23.4	25.0	26.3	27.3	27.8	28.0
-55	0.09	0.32	1.28	3.16	5.51	7.83	10.3	12.9	15.7	18.6	21.5	24.4	27.1	29.7	32.2	34.4	36.2	37.4	37.9
-50	0.09	0.49	1.90	4.39	7.06	9.81	12.8	16.0	19.4	23.1	26.8	30.3	33.8	37.0	40.3	43.3	45.7	47.3	47.8
-45	0.08	0.42	1.90	4.62	7.61	10.8	14.3	18.1	22.3	26.6	31.2	36.4	42.4	49.7	58.2	67.2	75.0	80.7	82.9
-40	0.08	0.71	2.82	6.06	9.36	13.1	17.2	21.8	26.8	32.0	37.7	44.7	53.7	65.7	79.8	94.4	107	116	118
-35	0.07	0.53	2.61	5.98	9.53	13.6	18.1	23.3	28.9	35.3	43.4	55.7	73.8	99.3	136	186	240	282	299
-30	0.08	0.88	3.66	7.28	11.2	15.8	21.0	26.9	33.4	41.4	53.2	72.9	103	146	210	299	392	461	480
-25	0.07	0.67	3.39	7.05	11.2	16.0	21.6	28.0	35.2	45.1	62.2	91.6	144	243	404	617	836	989	1046
-20	0.08	1.19	4.52	8.37	12.9	18.3	24.6	31.8	40.4	54.2	80.6	126	216	397	679	1027	1352	1556	1610
-15	0.07	0.88	3.94	7.79	12.3	17.8	24.2	31.6	40.7	55.8	85.5	141	266	521	923	1373	1780	2052	2153
-10	0.08	1.55	4.79	8.90	13.8	19.6	26.6	34.6	45.6	66.3	108	191	396	787	1349	1896	2339	2616	2694
-5	0.07	1.12	4.17	8.18	13.0	18.8	25.7	33.6	44.3	64.0	104	185	389	791	1385	1974	2461	2759	2854
0	0.08	1.73	5.03	9.24	14.3	20.5	27.8	36.2	48.7	73.7	123	239	509	1014	1670	2274	2738	2967	3015
5	0.06	1.21	4.17	8.16	13.0	18.8	25.7	33.7	44.4	64.1	104	186	388	787	1373	1965	2449	2750	2848
10	0.09	1.62	4.79	8.87	13.7	19.6	26.6	34.7	45.8	66.7	109	191	392	773	1325	1873	2314	2600	2683
15	0.06	1.11	3.93	7.74	12.3	17.7	24.2	31.6	40.9	56.1	86.0	142	264	511	897	1339	1736	2011	2116
20	0.09	1.49	4.48	8.31	12.9	18.3	24.6	31.8	40.6	54.4	80.8	127	213	382	648	974	1288	1492	1548
25	0.06	0.97	3.50	6.98	11.1	15.9	21.5	28.0	35.3	45.3	62.3	91.7	143	237	388	586	792	942	1000
30	0.08	1.24	3.82	7.19	11.1	15.6	20.9	26.8	33.5	41.5	53.3	72.8	103	145	204	283	367	430	450
35	0.06	0.81	2.93	5.92	9.40	13.4	17.9	23.1	28.8	35.3	43.5	55.7	73.9	99.0	134	179	228	268	284
40	0.08	1.02	3.14	5.97	9.20	12.9	17.0	21.6	26.6	32.0	37.8	44.9	53.9	65.7	79.9	94.4	107	116	118
45	0.06	0.64	2.27	4.66	7.45	10.6	14.1	17.9	22.0	26.4	31.1	36.3	42.4	49.8	58.3	67.2	75.2	80.9	83.3
50	0.07	0.74	2.25	4.42	6.89	9.61	12.6	15.7	19.1	22.7	26.4	30.1	33.7	37.1	40.4	43.4	46.0	47.6	48.2
55	0.07	0.46	1.56	3.27	5.33	7.59	10.0	12.6	15.4	18.2	21.1	24.0	26.8	29.4	31.9	34.2	36.1	37.3	37.8
60	0.07	0.51	1.47	2.91	4.64	6.51	8.49	10.6	12.7	14.8	16.9	19.0	21.0	22.8	24.4	25.8	26.7	27.3	27.5
65	0.07	0.28	0.94	1.95	3.24	4.68	6.22	7.82	9.45	11.1	12.7	14.3	15.7	17.1	18.3	19.3	20.1	20.5	20.7
70	0.08	0.27	0.76	1.47	2.38	3.45	4.60	5.73	6.87	8.00	9.09	10.1	11.1	11.9	12.6	13.2	13.6	13.8	13.9
75	0.08	0.15	0.45	0.88	1.46	2.14	2.89	3.66	4.44	5.20	5.95	6.65	7.30	7.87	8.37	8.77	9.07	9.24	9.29
80	0.09	0.12	0.28	0.51	0.78	1.11	1.49	1.91	2.32	2.70	3.10	3.46	3.79	4.07	4.31	4.48	4.61	4.68	4.69
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:221.66V I:4.6514A P:1026.4W PF:0.9955 Freq:49.96Hz Lamp Flux:156417x1 lm		
NAME: SP-1000W-5700K-RA70-5050-40°	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	5.41	5.30	5.13	4.91	4.62	4.28	3.89	3.46	3.03	2.60	2.13	1.70	1.29	0.90	0.58	0.37	0.20	0.15	
-75	10.0	9.83	9.52	9.11	8.58	7.97	7.29	6.53	5.75	4.95	4.12	3.31	2.53	1.78	1.08	0.59	0.30	0.16	
-70	14.6	14.3	13.8	13.1	12.3	11.4	10.4	9.29	8.15	6.98	5.77	4.60	3.47	2.35	1.34	0.67	0.28	0.16	
-65	21.2	20.7	20.0	19.0	17.8	16.4	14.9	13.3	11.6	9.95	8.27	6.64	5.08	3.60	2.11	1.02	0.43	0.17	
-60	27.7	27.0	25.9	24.4	22.7	20.8	18.8	16.6	14.4	12.3	10.1	8.04	6.08	4.25	2.36	1.04	0.39	0.18	
-55	37.5	36.4	34.7	32.5	30.0	27.4	24.7	21.8	18.8	15.9	13.1	10.5	8.00	5.73	3.54	1.61	0.60	0.22	
-50	47.1	45.3	42.7	39.6	36.3	33.0	29.4	25.8	22.1	18.5	15.0	11.9	8.97	6.33	3.87	1.62	0.59	0.27	
-45	81.2	75.8	68.2	59.4	50.7	43.2	37.0	31.8	27.1	22.6	18.4	14.5	11.0	7.93	5.17	2.49	0.90	0.41	
-40	114	104	90.3	75.5	61.9	50.8	42.5	35.9	30.3	25.0	20.1	15.7	11.8	8.37	5.39	2.45	0.91	0.54	
-35	286	247	194	143	105	77.6	58.2	45.0	36.3	29.6	23.9	18.7	14.1	10.2	6.80	3.76	1.45	0.81	
-30	447	370	276	194	135	95.7	67.9	50.1	39.4	31.9	25.5	19.7	14.8	10.6	6.98	3.87	1.57	1.08	
-25	999	855	641	425	259	153	96.8	65.1	47.0	36.4	29.0	22.5	17.0	12.3	8.39	5.10	2.27	1.42	
-20	1508	1262	915	580	329	182	111	71.0	49.5	37.7	29.7	22.9	17.1	12.4	8.37	5.07	2.34	1.75	
-15	2073	1826	1433	980	563	291	154	92.0	59.3	42.6	33.0	25.6	19.2	14.0	9.69	6.13	3.21	2.04	
-10	2568	2248	1775	1203	666	327	166	96.7	60.5	43.0	33.1	25.5	19.0	13.8	9.44	5.91	3.16	2.30	
-5	2787	2518	2039	1452	848	423	202	113	68.3	46.5	35.2	27.2	20.4	14.9	10.3	6.62	3.73	2.35	
0	2939	2621	2083	1455	824	400	189	106	64.5	44.6	33.9	26.0	19.4	14.0	9.61	6.00	3.37	2.38	
5	2784	2509	2032	1446	845	423	202	114	68.7	46.7	35.3	27.2	20.3	14.7	10.2	6.43	3.56	2.17	
10	2557	2230	1759	1191	662	327	168	97.8	61.2	43.3	33.1	25.4	18.9	13.5	9.11	5.54	2.91	1.95	
15	2039	1788	1402	963	557	291	156	93.5	60.0	42.9	33.1	25.5	19.0	13.7	9.29	5.67	2.90	1.60	
20	1450	1206	874	560	323	183	113	72.2	50.1	38.0	29.7	22.8	16.9	12.0	7.90	4.53	2.11	1.26	
25	956	816	613	413	255	153	98.4	66.3	47.6	36.8	29.1	22.5	16.8	12.0	7.99	4.65	2.12	0.95	
30	420	352	268	193	137	97.3	69.0	51.0	39.9	32.2	25.6	19.7	14.6	10.3	6.63	3.60	1.42	0.65	
35	273	238	189	143	106	78.9	59.1	45.7	36.7	29.9	24.0	18.7	14.1	10.0	6.56	3.66	1.47	0.47	
40	115	105	91.2	76.4	62.8	51.6	43.1	36.3	30.5	25.1	20.1	15.7	11.8	8.28	5.24	2.70	0.89	0.29	
45	81.7	76.6	68.9	60.0	51.4	43.8	37.4	32.0	27.2	22.7	18.4	14.5	11.0	7.89	5.12	2.77	1.03	0.22	
50	47.5	45.7	43.1	40.0	36.6	33.2	29.5	25.8	22.0	18.5	15.1	11.9	8.97	6.33	3.98	2.01	0.63	0.15	
55	37.5	36.4	34.7	32.5	30.0	27.4	24.6	21.7	18.7	15.8	13.1	10.4	7.97	5.72	3.69	1.97	0.71	0.13	
60	27.2	26.5	25.4	24.0	22.3	20.5	18.5	16.3	14.2	12.1	9.96	7.96	6.03	4.25	2.65	1.34	0.40	0.11	
65	20.6	20.1	19.4	18.4	17.3	16.0	14.5	12.9	11.3	9.73	8.09	6.50	4.99	3.57	2.29	1.23	0.44	0.11	
70	13.8	13.5	13.1	12.5	11.8	10.9	9.95	8.91	7.81	6.70	5.56	4.44	3.35	2.35	1.47	0.78	0.24	0.11	
75	9.26	9.10	8.83	8.45	7.99	7.43	6.81	6.11	5.38	4.63	3.87	3.11	2.38	1.72	1.11	0.62	0.24	0.10	
80	4.67	4.58	4.44	4.25	4.02	3.73	3.40	3.03	2.65	2.27	1.88	1.49	1.14	0.83	0.53	0.29	0.13	0.10	
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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	299835	299171	298537	297938	297378	296860	296389	295967	295546	295142
5.0	293874	292612	291477	290476	289614	288897	288328	287910	287494	287127
7.5	281141	279628	278473	277664	277189	276808	276625	276677	276707	276324
10.0	262095	260606	259734	259442	259690	260436	261203	260484	260200	260472
12.5	236669	235534	235388	236168	237691	238598	237809	237858	238639	240159
15.0	208346	207834	208573	210431	212289	210866	210618	211305	213043	213904
17.5	177525	177649	179425	182752	181963	181228	181929	183296	183497	184251
20.0	145455	146384	149195	151821	149557	149036	150278	152071	153981	155749
22.5	113781	115358	119044	119130	117081	117227	119588	122221	125427	123696
25.0	82425	84696	89268	87456	85696	87519	91797	95878	93378	91114
27.5	58218	60571	64272	61847	60598	63751	68216	67782	65171	63098
30.0	40050	42203	44202	42082	42603	45949	47202	45144	43413	47661
32.5	26957	28883	29777	28406	29759	32653	31113	28548	32234	35668
35.0	18918	20228	20391	19588	21312	21873	20240	21189	23936	25076
37.5	13968	14919	14708	14515	15697	15089	14566	16149	17131	16556
40.0	10624	11413	11015	11130	11606	10845	11426	12282	11957	11411
42.5	8188	8820	8412	8730	8656	8420	9174	9034	8681	9338
45.0	6445	6977	6547	6972	6609	6836	7103	6706	7183	7619
47.5	5263	5592	5359	5612	5298	5700	5538	5616	6013	5912
50.0	4458	4665	4551	4606	4554	4687	4559	4830	4839	4568
52.5	3866	4003	3969	3901	3999	3932	4014	4086	3920	4072
55.0	3388	3489	3508	3380	3498	3417	3537	3444	3506	3620
57.5	2979	3051	3098	3002	3012	3047	3021	3034	3128	3113
60.0	2603	2653	2665	2666	2594	2655	2597	2703	2683	2682
62.5	2254	2283	2263	2294	2277	2224	2296	2299	2298	2363
65.0	1937	1962	1907	1909	1945	1912	1957	1941	2010	2023
67.5	1652	1691	1654	1619	1574	1652	1612	1684	1688	1664
70.0	1397	1451	1413	1376	1342	1329	1383	1386	1373	1416
72.5	1168	1220	1103	1057	1090	1107	1113	1115	1157	1176
75.0	960.8	950.5	886.2	867.9	849.9	870.0	875.4	919.7	919.4	914.1
77.5	770.1	727.8	650.0	623.9	654.3	658.6	688.6	683.3	693.1	716.0
80.0	600.0	551.1	470.3	462.7	463.2	480.8	478.3	505.0	525.4	532.8
82.5	454.0	318.7	253.2	274.5	293.4	315.7	335.9	338.9	340.1	337.3
85.0	336.7	136.0	125.0	140.2	175.1	176.2	170.5	158.8	144.1	125.2
87.5	251.5	47.22	56.91	53.65	41.62	23.42	0	0	0	0
90.0	237.9	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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	294788	294486	294239	294048	293838	293654	293527	293460	293453	293400
5.0	286897	286683	286396	286228	286004	285827	285688	285490	285410	285197
7.5	275987	275866	275956	276251	276521	276915	277080	277245	277413	277309
10.0	260905	261693	262659	263651	265074	266625	267942	268806	269415	269567
12.5	242212	243168	242771	242284	241935	242089	242269	242276	242369	242497
15.0	214556	215084	215441	215625	215576	215738	215755	215531	215323	214905
17.5	185774	187423	187830	187256	187021	187088	187601	187799	188151	188159
20.0	155822	155268	155388	155717	156444	157594	158780	159926	160979	161614
22.5	122216	121685	122412	125412	128132	130151	131490	132285	132808	133093
25.0	89443	93094	97502	101044	103134	104318	104796	104775	104637	104398
27.5	67922	72564	76109	78150	77996	77404	76850	76409	76343	76485
30.0	51668	54570	54583	53578	52064	50257	48892	48061	48049	48743
32.5	37119	36281	34352	31054	33727	35966	37580	38575	38998	38857
35.0	24096	21297	22902	25089	27027	28537	29482	29900	29947	29685
37.5	15209	16698	18273	19789	20564	20937	21005	20931	20874	20857
40.0	12337	13369	13963	14181	13921	13315	12563	11975	11802	12092
42.5	9963	10037	9797	9101	9146	9509	9790	9967	10047	10018
45.0	7514	7105	7075	7489	7819	8050	8207	8280	8292	8248
47.5	5492	5782	6111	6383	6512	6550	6556	6543	6535	6531
50.0	4801	5039	5182	5206	5149	5030	4906	4808	4777	4824
52.5	4240	4276	4231	4088	4102	4174	4234	4270	4282	4273
55.0	3618	3553	3549	3616	3677	3729	3767	3785	3787	3775
57.5	3072	3127	3173	3221	3246	3266	3281	3288	3291	3288
60.0	2732	2774	2779	2787	2792	2794	2793	2791	2796	2803
62.5	2387	2378	2366	2364	2399	2428	2447	2458	2463	2463
65.0	2007	2001	2039	2072	2097	2116	2127	2131	2131	2129
67.5	1699	1737	1764	1781	1788	1795	1798	1799	1799	1800
70.0	1452	1465	1468	1470	1469	1469	1468	1467	1467	1471
72.5	1178	1176	1170	1190	1207	1221	1230	1235	1236	1237
75.0	923.4	946.9	965.5	979.8	991.1	999.2	1005	1007	1005	1005
77.5	735.2	751.3	759.5	765.0	769.5	772.3	774.3	775.5	774.4	775.9
80.0	537.4	541.4	543.7	544.6	545.1	544.2	543.7	544.5	543.7	546.4
82.5	332.6	323.6	313.2	302.4	292.5	283.5	277.0	273.6	271.9	274.5
85.0	105.5	85.58	65.89	47.50	31.34	18.00	8.129	2.056	0	2.064

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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	293411	293485	293624	293802	293984	294235	294555	294940	295388	295875
5.0	285113	284994	284946	284986	285026	285248	285519	285911	286510	287244
7.5	277160	276929	276468	276023	275458	274875	274322	273737	273505	274071
10.0	269321	268719	267822	266704	265428	263834	262145	260511	258801	257393
12.5	242762	243249	244072	245280	246850	248789	248106	244905	241809	238901
15.0	214587	214500	214684	214990	215645	216885	218885	221597	223005	218207
17.5	188069	187562	186892	185658	184246	184211	185321	187138	189973	194058
20.0	161819	161588	160813	159380	157520	155305	152750	152214	154676	158271
22.5	133196	133266	133181	132718	131700	128857	125465	122187	119937	123245
25.0	104225	104183	104046	103839	103383	102032	99398	96338	93344	90199
27.5	76835	77143	77045	76473	76015	75338	74461	73047	70036	66836
30.0	50084	51585	53041	53966	53703	52650	52584	52068	50976	48514
32.5	38245	37121	35491	33504	33531	36344	35840	35472	35480	34474
35.0	29176	28402	27329	25938	24290	22979	24329	24244	23813	24028
37.5	20807	20570	20001	19096	18263	17286	16291	16829	16650	16338
40.0	12735	13443	13905	13915	13460	12890	12545	12105	12146	11737
42.5	9909	9721	9457	9459	9867	9803	9461	9424	9234	9080
45.0	8170	8052	7889	7691	7402	7373	7443	7275	7289	7161
47.5	6531	6505	6432	6311	6175	5989	5799	5891	5747	5774
50.0	4932	5055	5152	5174	5111	5005	4917	4811	4822	4717
52.5	4247	4204	4151	4145	4250	4247	4162	4145	4120	4050
55.0	3751	3718	3680	3638	3601	3613	3624	3563	3568	3574
57.5	3279	3260	3229	3191	3172	3159	3151	3140	3079	3118
60.0	2814	2820	2817	2800	2776	2749	2749	2752	2722	2667
62.5	2460	2451	2440	2423	2417	2402	2377	2368	2374	2337
65.0	2125	2118	2109	2098	2084	2071	2060	2032	2009	2021
67.5	1800	1797	1790	1779	1767	1762	1755	1742	1713	1683
70.0	1478	1482	1485	1484	1479	1470	1455	1452	1452	1421
72.5	1235	1230	1222	1212	1200	1203	1196	1181	1175	1180
75.0	1004	998.9	993.2	985.7	977.6	968.0	955.3	947.5	937.7	916.9
77.5	776.1	774.2	771.4	766.4	759.5	749.9	741.4	732.9	725.1	714.8
80.0	549.3	551.3	553.8	554.6	553.7	550.2	542.9	532.0	522.2	517.7
82.5	280.1	287.9	298.7	311.0	324.4	337.9	349.8	349.8	345.5	338.3
85.0	8.219	18.28	32.01	48.86	68.26	89.37	111.0	131.1	150.1	166.1
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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	296388	296960	297586	298260	298974	299719	300489	299689	298913	298170
5.0	288071	289105	290331	291730	293282	294962	296745	298882	293124	291497
7.5	274907	276227	277963	279981	282415	285215	288326	285071	282131	279564
10.0	256168	257406	259237	261854	265203	269223	273841	269014	264785	261225
12.5	236244	234033	234836	237931	241975	247076	253145	246829	241485	237208
15.0	213889	210153	207224	209409	214024	220046	227425	219782	213485	208576
17.5	190206	184492	179720	177762	182700	189303	197570	188970	182052	176833
20.0	162808	158144	151975	147014	150337	157637	167007	157208	149476	145726
22.5	127308	131522	123265	116755	116592	124144	133898	123758	115818	115524
25.0	93646	97270	95676	88612	85255	92231	101368	92022	84755	87507
27.5	64992	68184	71444	64965	60072	65384	72925	65181	59661	64395
30.0	45527	45941	48627	46598	42199	44888	50920	44810	41956	45997
32.5	32456	29971	32211	32777	29196	30389	34854	30360	29117	32585
35.0	22966	21188	21308	22738	20487	20645	23852	20690	20520	22671
37.5	16443	15612	14609	15719	14995	14713	16692	14733	15062	15839
40.0	11957	12047	11135	11623	11586	10929	12332	10964	11640	11673
42.5	8825	9251	8796	8665	9007	8380	9481	8401	9066	8722
45.0	6959	7070	7102	6645	7174	6531	7368	6547	7216	6679
47.5	5683	5511	5791	5398	5705	5341	5891	5358	5735	5426
50.0	4760	4631	4716	4611	4680	4527	4866	4539	4705	4636
52.5	4028	4036	3953	4040	3973	3928	4163	3939	3989	4059
55.0	3467	3532	3437	3582	3426	3459	3621	3467	3436	3594
57.5	3101	3042	3071	3082	2983	3058	3178	3062	2986	3084
60.0	2740	2650	2713	2627	2644	2692	2779	2693	2643	2621
62.5	2313	2357	2289	2269	2332	2347	2399	2347	2328	2257
65.0	1977	1999	1946	1989	2026	1999	2047	1998	2020	1975
67.5	1702	1642	1708	1660	1650	1651	1726	1650	1643	1645
70.0	1389	1404	1378	1335	1326	1338	1433	1334	1316	1320
72.5	1152	1129	1117	1150	1129	1065	1168	1058	1117	1133
75.0	927.9	904.3	894.9	863.3	865.6	881.2	923.8	875.2	854.0	847.2
77.5	693.7	695.4	672.7	682.7	666.3	676.0	704.6	670.2	655.4	665.5

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:

Photometric Data Table [cd]

80.0	511.1	490.0	485.4	448.4	420.2	429.6	502.6	434.1	430.9	438.3
82.5	326.7	321.3	310.1	284.7	250.9	232.1	323.1	265.5	275.2	280.8
85.0	177.8	173.5	160.8	147.5	119.3	87.26	173.4	119.9	136.5	143.3
87.5	0	24.02	42.62	53.92	40.82	32.72	62.73	42.83	43.95	47.89
90.0	0	0	0	0	0	0	8.102	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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	297469	296816	296219	295684	295177	294710	294308	293976	293713	293523
5.0	290027	288736	287643	286765	285990	285357	284942	284654	284421	284379
7.5	277421	275565	274134	273197	272555	272747	273315	273869	274468	275058
10.0	258397	256352	254958	256089	257416	259053	260649	262341	263975	265320
12.5	233884	232854	234795	237157	239869	242891	246081	246634	244564	242910
15.0	206062	208699	212194	216292	220772	218899	215845	213645	212208	211358
17.5	178549	183007	188255	191718	187237	183940	181599	180004	179728	180929
20.0	150366	156342	160871	155947	151779	148585	148400	150355	152111	153642
22.5	121441	129131	124857	120635	116977	118553	120708	123150	125373	126536
25.0	94004	95325	91501	87709	90270	92592	94604	96622	97952	98608
27.5	70439	66833	63365	64776	67300	69593	70880	71535	71951	72321
30.0	47861	45186	44540	46909	48840	49805	50238	50173	50890	50895
32.5	31917	29594	31700	33280	34219	34204	34474	34775	33718	31500
35.0	21251	21092	22612	23453	23196	23600	23656	22185	23214	24602
37.5	14692	15628	16378	16181	16420	16585	16067	16898	17671	18343
40.0	11178	12087	11972	11724	12097	12064	12452	12727	13201	13573
42.5	8836	9284	8845	9075	9227	9419	9439	9739	9795	9423
45.0	7125	7090	6974	7151	7284	7282	7447	7360	7403	7692
47.5	5813	5529	5695	5777	5750	5904	5812	5994	6173	6321
50.0	4737	4648	4773	4727	4831	4832	4928	5012	5116	5188
52.5	3968	4048	4037	4060	4131	4153	4166	4252	4260	4161
55.0	3443	3535	3467	3581	3567	3556	3619	3614	3604	3636
57.5	3068	3036	3094	3111	3064	3122	3135	3144	3153	3169
60.0	2702	2635	2724	2647	2695	2722	2718	2715	2739	2760
62.5	2273	2338	2291	2309	2337	2327	2333	2354	2362	2365
65.0	1927	1977	1951	1986	1968	1984	2007	2011	2022	2035
67.5	1688	1618	1672	1646	1668	1688	1696	1701	1703	1713
70.0	1357	1379	1356	1380	1403	1398	1397	1407	1413	1415
72.5	1097	1100	1116	1136	1126	1127	1137	1139	1132	1141
75.0	873.3	872.1	888.7	872.5	886.6	892.2	895.9	904.0	910.7	916.2
77.5	647.8	663.1	654.8	667.9	674.2	680.1	684.5	688.1	693.8	697.8
80.0	460.4	458.6	472.3	475.6	477.0	482.3	487.1	488.9	488.7	486.4
82.5	284.3	293.1	294.7	302.6	304.6	302.0	297.2	287.6	277.3	266.6
85.0	143.9	150.2	149.9	142.5	128.6	111.8	94.26	76.05	58.35	41.89
87.5	36.12	20.06	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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	293338	293195	293120	293110	293165	293177	293251	293386	293580	293801
5.0	284337	284388	284515	284609	284836	284930	285146	285304	285502	285748
7.5	275528	276018	276273	276448	276579	276435	276291	276143	275795	275585
10.0	266511	267475	268133	268430	268322	267748	266891	265654	264261	262924
12.5	241669	240825	240306	240041	239966	239959	240054	240081	240193	240482
15.0	210959	210769	210821	211116	211610	211950	212303	212497	212627	212647
17.5	181971	182618	183049	183111	183213	183000	182918	182731	182949	183224
20.0	154794	155513	155590	155301	154817	153898	152915	152169	151257	150625
22.5	127154	127461	127577	127507	127386	126970	126202	125013	122826	119865
25.0	99008	99228	99415	99622	99956	100241	100290	99947	98675	96541
27.5	72974	73093	72829	72528	72484	72709	73200	73945	74482	74647
30.0	49937	48452	46902	45597	45012	45198	46116	47766	49611	51284
32.5	33301	34795	35886	36502	36718	36428	35530	34207	32172	29867
35.0	25846	26850	27615	28121	28425	28461	28085	27323	25958	24292
37.5	19161	19716	19988	20077	20135	20231	20298	20288	19942	19300
40.0	13593	13219	12632	12093	11845	12009	12540	13216	13749	14005
42.5	9479	9735	9930	10051	10088	10026	9872	9608	9242	9175
45.0	7905	8070	8192	8278	8330	8331	8275	8133	7900	7578
47.5	6441	6526	6555	6563	6573	6590	6612	6618	6580	6459
50.0	5165	5078	4960	4858	4815	4851	4951	5082	5203	5265
52.5	4161	4215	4259	4286	4298	4290	4259	4205	4140	4129
55.0	3672	3709	3742	3766	3780	3782	3768	3736	3692	3636
57.5	3204	3232	3250	3259	3263	3263	3260	3251	3238	3220
60.0	2772	2773	2765	2753	2746	2744	2749	2756	2760	2764
62.5	2381	2394	2403	2406	2407	2403	2394	2377	2352	2320
65.0	2046	2055	2062	2066	2068	2069	2067	2059	2044	2024
67.5	1722	1729	1731	1730	1729	1730	1732	1732	1730	1728
70.0	1413	1408	1401	1394	1390	1392	1395	1400	1406	1413

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	1149	1155	1159	1161	1160	1160	1157	1151	1142	1131
75.0	921.4	925.3	928.3	929.7	929.4	931.5	931.5	929.2	925.1	919.8
77.5	700.3	701.0	701.3	700.7	699.4	701.1	702.0	702.8	703.5	704.6
80.0	483.1	478.4	474.9	471.8	469.3	470.7	472.2	475.4	479.5	484.4
82.5	256.7	247.7	241.2	236.8	234.7	236.3	239.7	245.6	253.6	263.1
85.0	27.50	15.73	7.078	1.780	0	1.776	7.034	15.60	27.17	41.35
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	301495	301495	301495	301495	301495	301495	301495	301495	301495	301495
2.5	294004	294266	294583	294954	295375	295815	296256	296748	297287	297870
5.0	285936	286245	286496	286770	287181	287643	288109	288722	289480	290378
7.5	275380	275337	275511	275859	276226	276173	276115	276326	276770	277344
10.0	261764	260570	259710	259278	259092	259479	260320	259680	259071	258970
12.5	240815	241335	240506	238545	237167	236553	236687	237655	236942	235612
15.0	212531	212355	212099	211864	211408	209876	209389	209834	211457	209804
17.5	183957	183803	182680	181754	181457	181667	180573	180131	181088	182101
20.0	150665	151237	152428	152803	151516	150221	148891	147872	148628	151115
22.5	117429	117384	118393	120596	123059	120465	118145	116016	116125	118424
25.0	93375	88821	85893	88658	91405	94175	90438	86539	85080	87048
27.5	72860	69415	65546	60942	63474	66463	67233	63211	60289	61637
30.0	52317	52474	50083	46232	42274	44349	46662	45600	42417	42005
32.5	33189	35314	36201	34863	31641	28083	30854	32501	29785	28498
35.0	22403	21127	23836	24778	23681	21056	20288	21982	21441	19739
37.5	18007	16693	15340	16609	17118	16214	14718	15259	15875	14690
40.0	13877	13423	12483	11601	12076	12432	11598	11020	11785	11286
42.5	9843	10130	10102	9493	8828	9169	9322	8593	8805	8851
45.0	7160	7206	7631	7744	7302	6819	7234	6962	6711	7063
47.5	6184	5866	5582	6008	6107	5709	5633	5793	5367	5676
50.0	5241	5107	4874	4636	4913	4905	4628	4754	4610	4653
52.5	4276	4325	4295	4123	3973	4141	4069	3984	4043	3929
55.0	3577	3583	3650	3655	3541	3481	3579	3455	3529	3397
57.5	3180	3139	3084	3130	3149	3058	3047	3074	3031	3014
60.0	2767	2770	2730	2681	2689	2716	2611	2672	2605	2670
62.5	2334	2357	2372	2353	2294	2303	2305	2234	2285	2293
65.0	1997	1966	1980	2004	1998	1938	1961	1918	1951	1905
67.5	1717	1697	1665	1638	1672	1676	1614	1657	1577	1612
70.0	1418	1422	1416	1387	1353	1374	1378	1331	1342	1371
72.5	1118	1131	1140	1144	1133	1098	1102	1104	1090	1049
75.0	911.5	899.4	883.1	879.3	891.6	899.0	861.2	864.4	849.0	863.6
77.5	704.4	702.0	692.8	679.2	662.4	660.3	672.1	649.9	651.7	622.7
80.0	488.4	491.9	493.7	494.4	492.9	480.3	460.2	468.7	457.9	466.8
82.5	272.9	282.6	290.5	298.4	307.3	313.2	315.4	301.1	288.6	289.5
85.0	57.41	74.72	92.12	109.3	126.1	139.9	149.5	160.0	167.4	149.3
87.5	0	0	0	0	0	0	0	20.53	37.97	49.90
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	301495	301495								
2.5	298491	299148								
5.0	291414	292581								
7.5	278256	279519								
10.0	259415	260445								
12.5	235018	235349								
15.0	208155	207625								
17.5	178997	177436								
20.0	148727	146152								
22.5	118566	115126								
25.0	88991	84576								
27.5	64127	60503								
30.0	44152	42182								
32.5	29842	28916								
35.0	20501	20284								
37.5	14836	14984								
40.0	11123	11470								
42.5	8501	8866								
45.0	6613	7012								
47.5	5409	5619								
50.0	4585	4683								
52.5	3991	4014								
55.0	3521	3494								
57.5	3104	3052								
60.0	2661	2647								
62.5	2250	2271								

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	1887	1945
67.5	1631	1669
70.0	1387	1420
72.5	1074	1183
75.0	862.3	906.5
77.5	632.6	678.1
80.0	467.1	506.4
82.5	284.7	313.1
85.0	150.3	163.0
87.5	58.67	51.49
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: