

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	918.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-1.0 degrees horizontal

Beam Spread	At 10% of Imax	98.1V x 96.6H
	At 50% of Imax	62.7V x 61.9H
	At 90% of Imax	27.5V x 29.0H

Beam Flux	Total	999.7 lumens per klm.
	To 10% of Imax	917.1 lumens per klm.
	To 50% of Imax	619.0 lumens per klm.
	To 90% of Imax	161.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

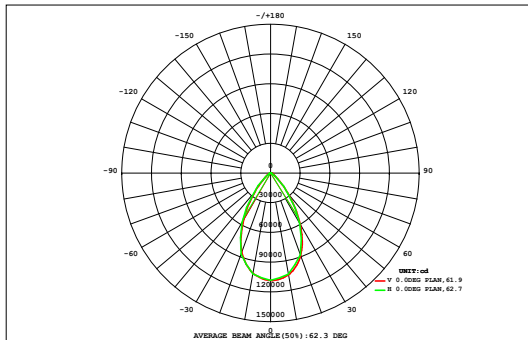
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:12 December 2022

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:220.89V I:3.4452A P:755.10W PF:0.9922 Freq:49.99Hz Lamp Flux:118047x1 lm		
NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



DATA OF LAMP		Eff:156.33lm/W	
SP-750W-5700K-RA70-5050-60°		Imax (cd)	108406
NOMINAL POWER (W)	750	AVAILABILITY (%)	91.8
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	108389
NOMINAL FLUX (lm)	118047	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	118047
TEST VOLTAGE (V)	220	θ @50% (H,V)	62,63DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	2.76	5.68	9.65	14.4	19.5	24.4	28.8	32.1	33.9	34.0	32.3	29.0	24.6	19.5	14.4	9.61	5.66	2.73	343	0.00
72	4.27	8.86	15.2	23.1	32.1	42.0	51.6	59.6	64.1	64.2	59.6	51.5	41.8	32.0	22.9	15.1	8.80	4.24	601	0.00
64	5.71	12.0	21.3	34.2	52.5	77.3	106	132	149	150	135	108	79.0	53.8	35.1	21.8	12.4	5.92	1191	0.00
56	7.28	15.6	28.9	51.5	90.5	150	226	301	348	350	306	232	154	93.2	53.2	29.8	16.0	7.50	2461	1574
48	9.14	20.0	40.0	81.3	162	293	461	617	709	707	611	453	287	158	78.9	38.8	19.4	8.74	4753	4255
40	10.5	24.0	53.7	124	273	523	818	1071	1215	1211	1059	798	503	260	118	51.4	23.4	10.2	8146	7773
32	11.6	28.1	70.0	179	418	781	1180	1500	1668	1664	1487	1157	755	394	166	66.0	27.3	11.5	11565	11251
24	12.2	30.4	80.5	219	522	965	1424	1767	1939	1941	1770	1430	968	523	220	81.6	31.2	12.7	13937	13655
	12.7	32.4	89.3	251	598	1088	1574	1914	2078	2077	1911	1570	1082	593	249	89.3	32.9	13.2	15254	14986
	13.4	34.5	96.3	271	632	1129	1605	1930	2082	2072	1899	1549	1058	571	235	84.2	31.3	12.6	15305	15038
	12.6	31.7	85.4	233	553	1009	1471	1802	1964	1958	1782	1436	967	519	216	79.4	30.3	12.4	14162	13884
-24	11.6	27.9	68.9	176	417	787	1195	1520	1686	1682	1506	1177	773	407	173	67.8	27.6	11.7	11716	11413
-32	10.2	23.6	52.9	124	278	535	840	1105	1253	1254	1106	844	540	283	126	54.2	24.2	10.7	8464	8100
-40	9.00	19.9	40.4	83.5	169	316	502	676	778	775	668	493	308	164	81.3	39.7	19.9	9.12	5151	4678
-48	7.85	16.7	30.7	54.8	95.8	156	236	314	358	351	294	212	136	83.1	48.2	27.8	15.3	7.22	2447	1693
-56	6.05	12.5	21.7	33.8	50.1	71.5	94.7	116	129	130	117	95.6	71.7	50.0	33.7	21.4	12.2	5.81	1073	89.8
-64	4.38	9.09	15.5	23.4	32.4	42.1	51.8	60.3	65.2	65.8	61.3	53.2	43.1	32.8	23.4	15.4	9.01	4.34	612	0.00
-72	2.87	5.93	10.0	14.9	19.9	24.5	28.4	31.1	32.4	32.4	31.1	28.4	24.5	19.9	14.8	10.0	5.95	2.90	340	0.00
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72			
Φ t	154	359	830	1993	4414	8012	11893	14949	16554	16518	14834	11716	7816	4256	1911	803	353	154	117520	---
Φ a	0.00	0.00	35.4	1264	3842	7501	11420	14465	16084	16043	14341	11227	7307	3685	1163	11.3	0.00	0.00	---	108389

one-half-peak spread: U:31.8,D:31.3 , L:30.9,R:31.3

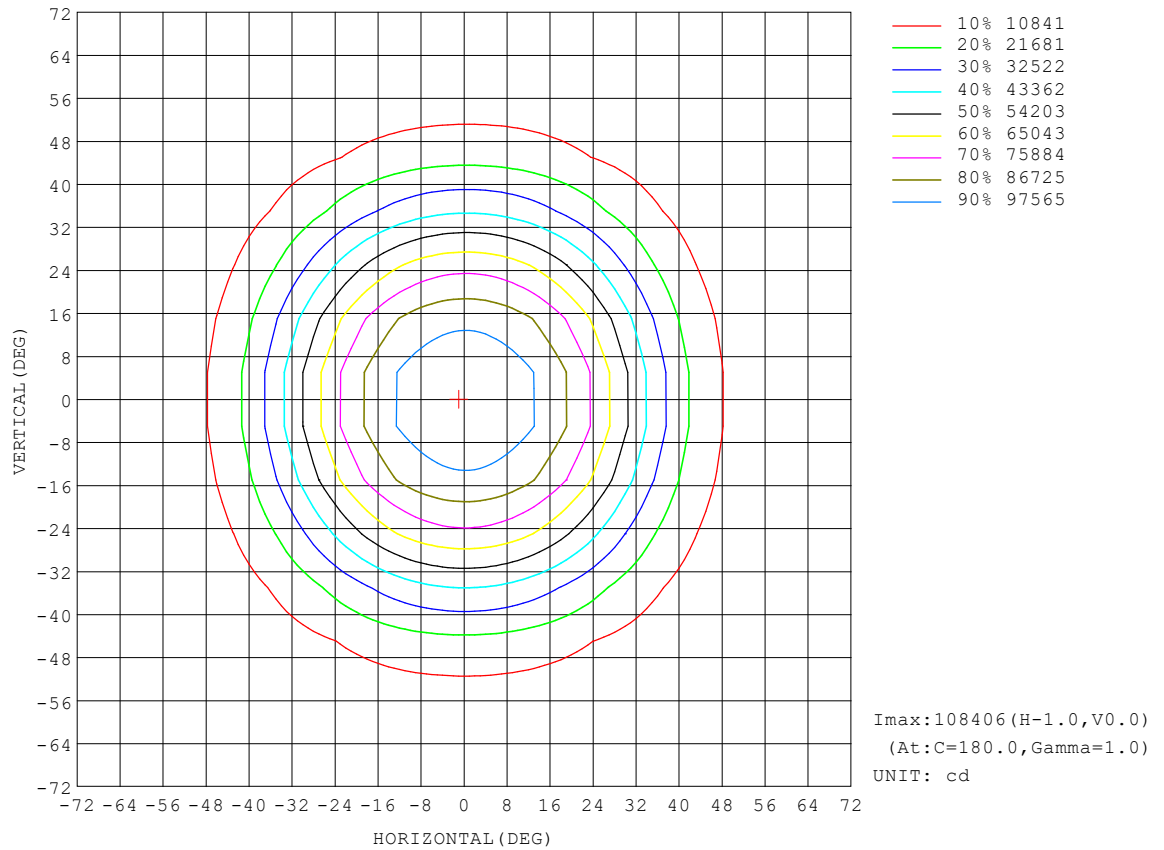
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:12 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:220.89V I:3.4452A P:755.10W PF:0.9922 Freq:49.99Hz Lamp Flux:118047x1 lm		
NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

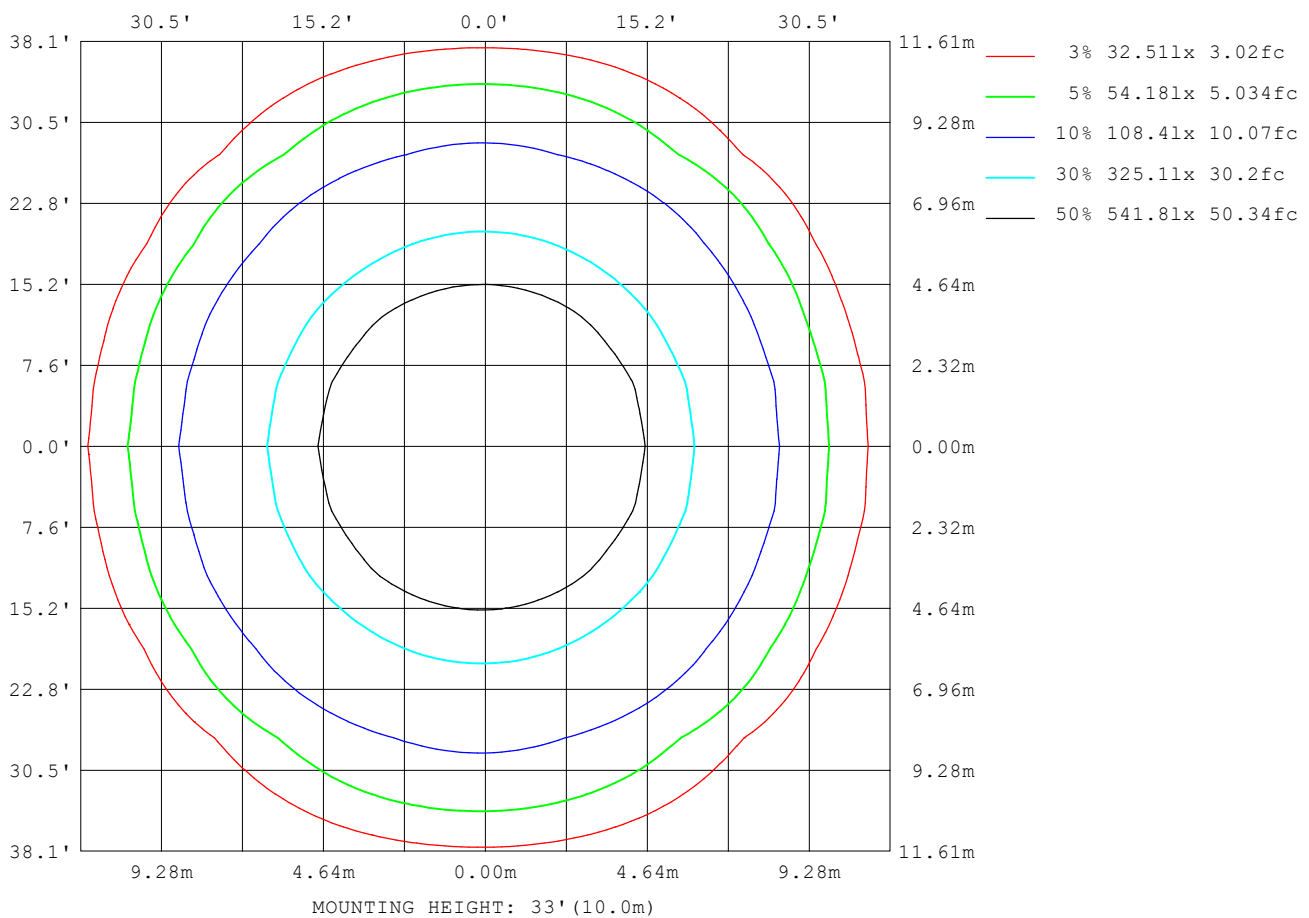


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:12 December 2022

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

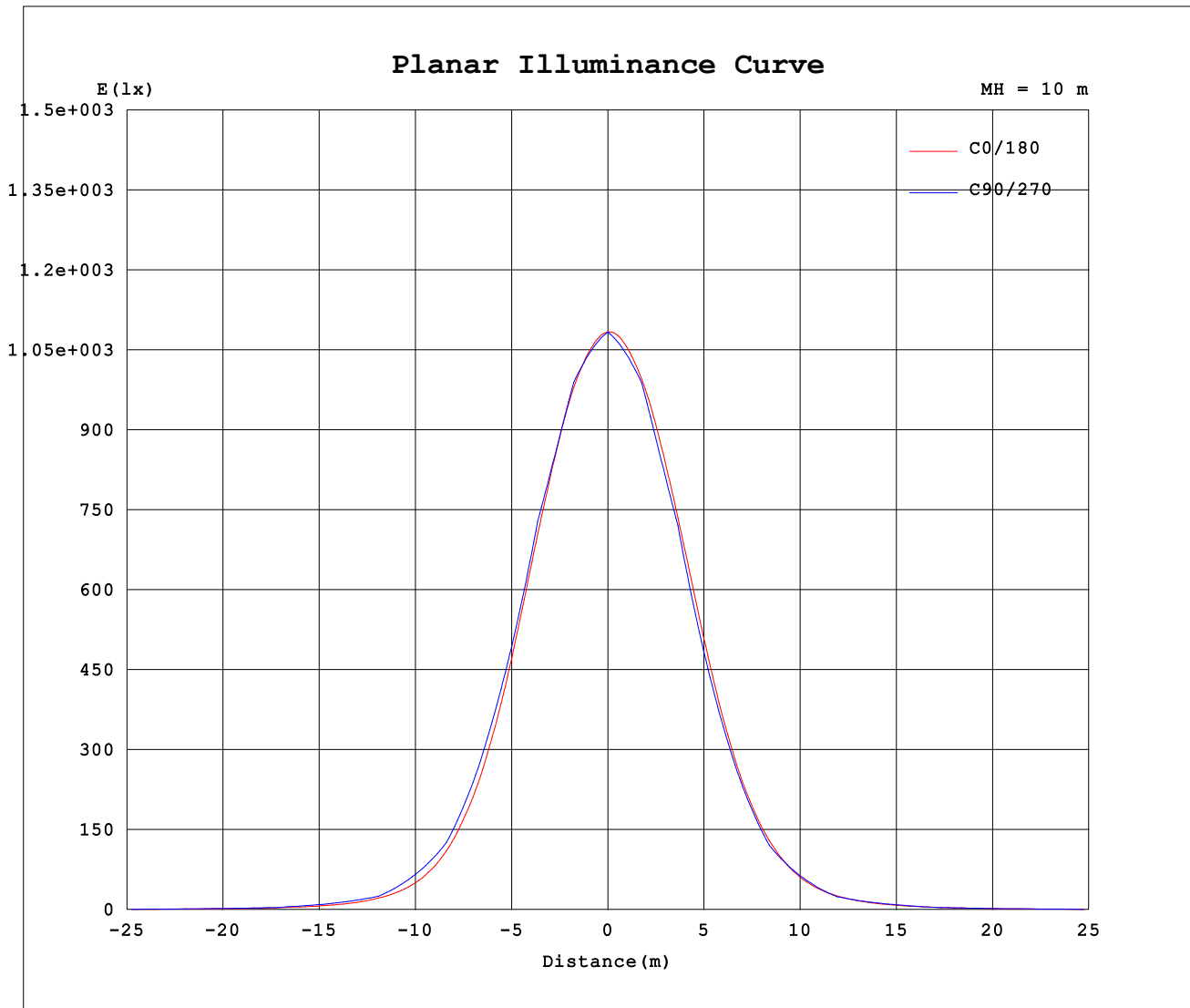
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NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:12 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

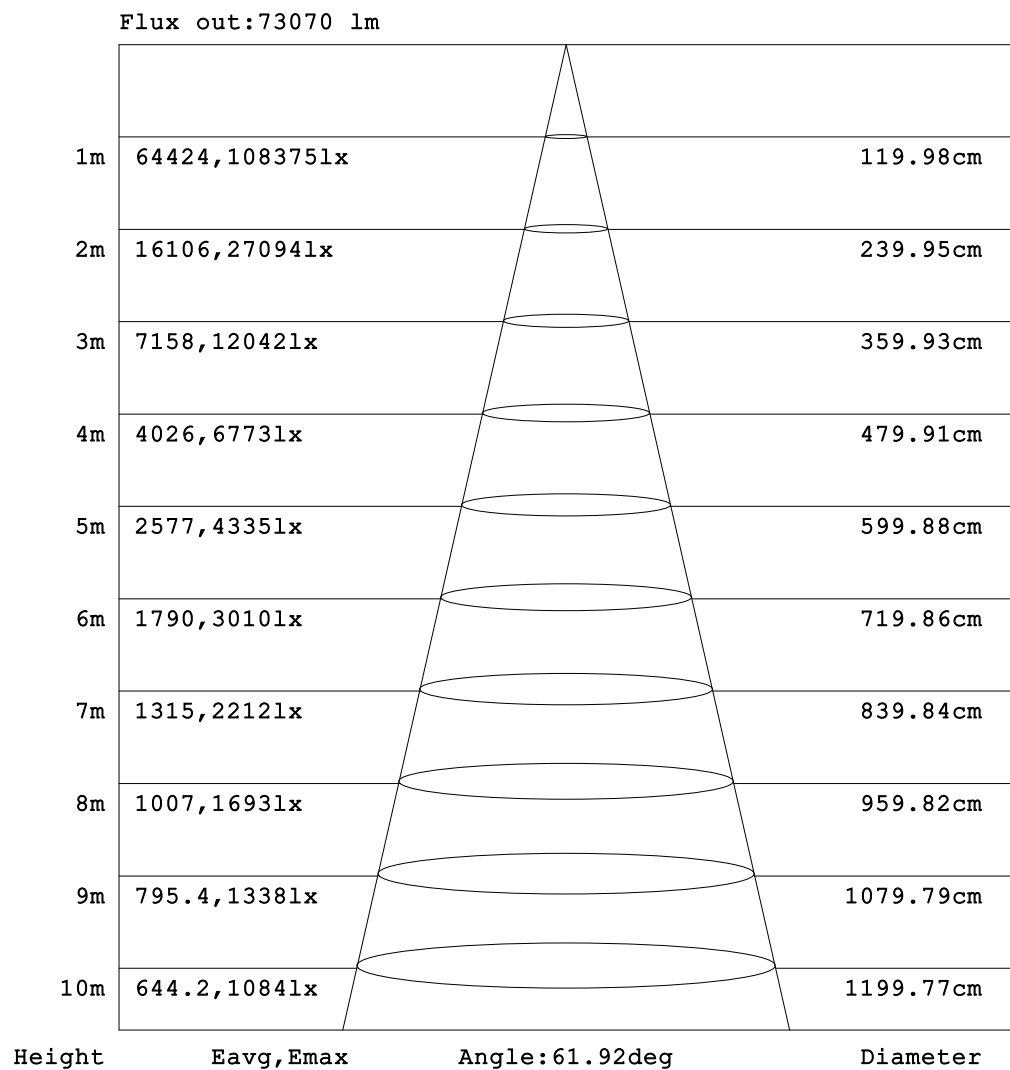


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:12 December 2022

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:220.89V I:3.4452A P:755.10W PF:0.9922 Freq:49.99Hz Lamp Flux:118047lx1 lm		
NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



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: 12 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:220.89V I:3.4452A P:755.10W PF:0.9922 Freq:49.99Hz Lamp Flux:118047x1 lm		
NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

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	0.43	0.86	1.31	1.72	2.16	2.62	3.09	3.55	3.99	4.41	4.79	5.11	5.37	5.54	5.65	5.71	5.71
-75	0.11	0.20	0.59	1.25	2.06	2.83	3.65	4.50	5.36	6.22	7.04	7.83	8.54	9.17	9.70	10.1	10.4	10.6	10.6
-70	0.11	0.35	0.98	1.95	3.12	4.26	5.48	6.72	7.99	9.23	10.4	11.5	12.5	13.5	14.2	14.8	15.2	15.5	15.5
-65	0.10	0.34	1.10	2.39	3.96	5.51	7.19	8.93	10.7	12.6	14.4	16.2	18.0	19.8	21.4	22.8	23.8	24.5	24.7
-60	0.10	0.56	1.65	3.44	5.41	7.41	9.59	11.9	14.2	16.6	19.1	21.6	24.2	26.7	29.1	31.2	32.8	33.7	34.0
-55	0.09	0.48	1.67	3.76	6.10	8.52	11.2	14.1	17.2	20.9	25.1	30.1	36.0	42.4	49.0	55.3	60.4	63.7	65.0
-50	0.09	0.74	2.41	5.04	7.71	10.6	13.9	17.5	21.7	26.7	32.9	40.8	50.3	60.8	71.4	81.6	89.6	94.6	96.0
-45	0.08	0.63	2.39	5.25	8.28	11.7	15.6	20.2	26.0	34.1	45.4	60.6	79.6	102	127	151	171	183	188
-40	0.08	1.00	3.39	6.66	10.1	14.2	18.9	24.9	33.1	45.4	63.3	87.3	118	154	192	229	258	276	280
-35	0.08	0.79	3.19	6.59	10.3	14.7	20.1	27.4	38.6	56.3	83.0	122	173	233	294	351	396	425	436
-30	0.08	1.22	4.30	7.92	12.1	17.2	23.9	33.5	49.9	76.2	116	174	251	336	419	493	549	582	591
-25	0.08	0.97	3.97	7.67	12.1	17.5	24.8	36.0	55.7	88.7	142	219	315	422	524	613	680	720	735
-20	0.08	1.61	5.07	9.05	13.9	20.3	29.3	44.6	72.1	118	194	299	422	549	667	764	831	869	878
-15	0.08	1.24	4.49	8.43	13.3	19.6	28.5	44.1	73.0	123	205	321	457	598	726	829	901	943	957
-10	0.08	2.02	5.34	9.60	14.8	21.9	32.6	52.6	89.6	154	258	395	548	701	831	927	993	1028	1036
-5	0.08	1.54	4.70	8.83	14.0	20.7	30.8	49.5	84.5	146	249	386	542	700	836	938	1007	1046	1060
0	0.08	2.22	5.56	9.95	15.5	22.9	34.6	57.2	98.6	173	289	437	600	759	887	981	1042	1074	1084
5	0.07	1.66	4.70	8.83	14.0	20.7	30.8	49.5	84.4	146	249	385	541	698	834	936	1006	1045	1059
10	0.10	2.11	5.34	9.60	14.8	21.9	32.6	52.7	89.4	153	258	394	547	698	828	924	990	1026	1035
15	0.05	1.57	4.47	8.41	13.2	19.5	28.5	44.1	72.7	122	204	318	453	592	719	822	895	937	952
20	0.11	1.99	5.02	9.00	13.9	20.2	29.2	44.3	71.7	117	191	294	415	540	656	753	821	859	869
25	0.06	1.42	4.05	7.61	12.0	17.3	24.6	35.6	55.0	87.2	139	214	308	411	512	599	665	707	722
30	0.08	1.72	4.36	7.83	12.0	17.0	23.6	33.1	48.9	74.3	113	169	242	325	405	476	531	565	575
35	0.07	1.23	3.47	6.50	10.1	14.5	19.8	27.0	37.8	54.9	80.6	118	167	224	283	337	382	411	422
40	0.08	1.47	3.67	6.54	9.93	13.9	18.6	24.5	32.4	44.3	61.4	84.2	113	147	184	218	247	264	270
45	0.07	1.00	2.78	5.19	8.08	11.4	15.2	19.8	25.5	33.3	44.2	58.6	76.5	97.8	121	144	163	176	181
50	0.08	1.13	2.77	4.93	7.49	10.4	13.6	17.1	21.2	26.1	32.1	39.5	48.4	58.2	68.2	77.5	85.5	90.7	92.3
55	0.08	0.72	2.04	3.79	5.88	8.24	10.8	13.7	16.8	20.4	24.4	29.2	34.8	40.9	47.1	52.8	57.9	61.4	62.8
60	0.08	0.81	1.95	3.43	5.17	7.12	9.22	11.4	13.8	16.2	18.6	21.1	23.6	26.1	28.4	30.4	32.0	33.0	33.3
65	0.08	0.42	1.35	2.44	3.76	5.24	6.85	8.55	10.3	12.1	13.9	15.7	17.5	19.2	20.7	22.1	23.2	23.9	24.1
70	0.08	0.38	1.15	1.94	2.92	3.99	5.15	6.35	7.61	8.83	9.98	11.1	12.0	12.9	13.7	14.2	14.6	14.9	15.0
75	0.09	0.17	0.66	1.23	1.88	2.60	3.37	4.18	5.03	5.86	6.66	7.39	8.05	8.66	9.18	9.58	9.86	10.0	10.1
80	0.09	0.10	0.37	0.77	1.13	1.51	1.92	2.35	2.79	3.22	3.63	3.99	4.33	4.63	4.88	5.04	5.16	5.22	5.24
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:12 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:220.89V I:3.4452A P:755.10W PF:0.9922 Freq:49.99Hz Lamp Flux:118047x1 lm		
NAME: SP-750W-5700K-RA70-5050-60°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

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	5.68	5.59	5.46	5.25	4.97	4.63	4.24	3.82	3.38	2.92	2.46	2.01	1.60	1.19	0.76	0.40	0.20	0.14	
-75	10.5	10.4	10.1	9.72	9.19	8.57	7.87	7.10	6.28	5.44	4.57	3.72	2.91	2.15	1.35	0.71	0.31	0.16	
-70	15.4	15.1	14.6	14.0	13.2	12.2	11.2	10.1	8.86	7.62	6.34	5.10	3.91	2.79	1.64	0.83	0.30	0.16	
-65	24.5	23.9	22.8	21.4	19.9	18.1	16.3	14.5	12.6	10.8	9.05	7.31	5.64	4.11	2.52	1.25	0.51	0.19	
-60	33.5	32.3	30.5	28.3	25.8	23.2	20.7	18.2	15.7	13.3	11.1	8.85	6.73	4.81	2.81	1.29	0.49	0.21	
-55	64.0	60.8	55.7	49.7	43.1	36.6	30.7	25.6	21.3	17.6	14.4	11.5	8.83	6.40	4.09	1.95	0.76	0.27	
-50	93.5	87.4	78.7	68.6	57.8	47.5	38.5	31.2	25.4	20.6	16.6	13.1	9.90	7.06	4.42	1.96	0.75	0.33	
-45	184	171	151	128	104	80.9	61.8	46.4	34.9	26.6	20.7	16.1	12.1	8.76	5.78	2.90	1.07	0.43	
-40	270	248	215	178	140	106	78.4	56.4	40.8	29.9	22.8	17.4	12.9	9.21	5.98	2.81	1.02	0.53	
-35	426	399	355	299	238	179	127	86.7	58.8	40.2	28.5	21.0	15.5	11.1	7.35	4.07	1.46	0.66	
-30	574	534	473	397	312	229	157	104	68.1	44.9	30.9	22.2	16.1	11.3	7.38	4.02	1.38	0.78	
-25	723	684	619	533	431	325	227	147	92.8	58.4	37.7	25.9	18.5	13.0	8.67	5.07	1.92	0.90	
-20	860	812	734	630	508	381	262	165	101	61.8	38.7	26.2	18.5	12.8	8.39	4.76	1.70	1.01	
-15	946	906	836	737	611	471	334	216	130	77.4	46.8	30.2	20.9	14.5	9.63	5.69	2.47	1.08	
-10	1021	978	904	799	660	506	355	228	133	78.0	46.5	29.8	20.4	14.0	9.14	5.23	2.17	1.15	
-5	1048	1012	946	847	715	558	400	261	155	89.3	52.5	32.7	22.2	15.3	10.1	5.99	2.84	1.16	
0	1065	1026	954	849	709	547	386	246	143	82.5	48.5	30.5	20.8	14.2	9.28	5.30	2.41	1.18	
5	1048	1011	945	846	713	556	399	261	154	89.3	52.5	32.8	22.2	15.2	10.1	5.96	2.87	1.13	
10	1019	976	902	796	658	503	354	227	133	78.1	46.5	29.8	20.4	14.0	9.08	5.18	2.38	1.08	
15	940	900	831	732	607	467	331	215	129	77.1	46.8	30.3	20.8	14.4	9.54	5.60	2.65	0.97	
20	850	803	725	621	501	375	258	163	99.9	61.3	38.7	26.2	18.4	12.7	8.27	4.65	2.04	0.87	
25	710	673	609	524	424	321	224	146	92.0	58.1	37.7	25.9	18.4	12.9	8.55	4.96	2.27	0.74	
30	560	522	463	388	306	225	155	103	67.9	45.0	30.9	22.2	16.0	11.2	7.26	4.03	1.68	0.62	
35	414	388	346	292	233	176	125	85.9	58.7	40.4	28.6	21.0	15.4	10.9	7.24	4.15	1.83	0.49	
40	262	241	210	174	137	105	77.5	56.3	40.9	30.1	22.9	17.3	12.8	9.11	5.88	3.21	1.24	0.38	
45	178	166	148	125	102	80.0	61.2	46.3	35.0	26.8	20.7	16.0	12.1	8.69	5.74	3.27	1.39	0.30	
50	90.3	85.0	76.9	67.1	57.0	47.1	38.4	31.2	25.4	20.6	16.6	13.0	9.84	7.01	4.52	2.46	0.86	0.22	
55	62.0	59.2	54.6	48.7	42.5	36.3	30.5	25.5	21.3	17.6	14.4	11.4	8.77	6.36	4.21	2.39	0.95	0.18	
60	32.9	31.9	30.1	28.0	25.6	23.1	20.6	18.1	15.6	13.2	10.9	8.77	6.70	4.79	3.10	1.69	0.49	0.14	
65	24.0	23.4	22.4	21.1	19.6	17.9	16.1	14.3	12.5	10.7	8.94	7.23	5.59	4.08	2.72	1.57	0.53	0.12	
70	14.9	14.7	14.3	13.7	12.9	12.0	11.0	9.88	8.69	7.47	6.23	5.02	3.86	2.79	1.84	1.03	0.23	0.11	
75	10.1	9.97	9.72	9.36	8.87	8.28	7.62	6.89	6.10	5.27	4.44	3.62	2.83	2.10	1.40	0.77	0.22	0.10	
80	5.23	5.16	5.06	4.88	4.62	4.32	3.97	3.60	3.19	2.75	2.32	1.90	1.49	1.12	0.68	0.28	0.10	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:12 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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107775	107690	107614	107545	107484	107432	107387	107352	107314	107278
5.0	106539	106401	106284	106188	106112	106057	106023	106008	105999	105997
7.5	104830	104653	104521	104433	104390	104372	104387	104436	104497	104502
10.0	102586	102380	102249	102192	102207	102291	102394	102317	102308	102378
12.5	99379	99213	99182	99282	99459	99544	99425	99421	99528	99742
15.0	95387	95268	95336	95581	95841	95620	95612	95775	96110	96064
17.5	90478	90485	90769	91297	91114	90975	91101	91311	91173	91205
20.0	84911	85011	85459	85890	85456	85414	85636	85645	85786	86062
22.5	78327	78677	79498	79520	79132	79208	79228	79543	80083	79698
25.0	70932	71482	72612	72058	71706	71971	72490	73151	72562	72452
27.5	62740	63638	65024	64050	63774	64374	65408	64968	64538	64698
30.0	54675	55711	56614	55645	55815	56889	57059	56383	56362	57171
32.5	46404	47765	48296	47342	48025	49417	48314	47807	48921	50004
35.0	38585	40048	40102	39336	40662	40845	39892	40614	41954	42044
37.5	31250	32892	32506	32248	33788	32736	32586	34114	34493	33902
40.0	24555	26322	25658	25942	26728	25473	26601	27710	27006	26910
42.5	18924	20587	19643	20481	20297	19913	21516	21087	20679	21936
45.0	14300	15838	14742	15939	15026	15690	16317	15464	16602	17505
47.5	10848	11906	11240	12045	11226	12400	11929	12215	13212	12830
50.0	8254	8976	8661	8893	8789	9258	8901	9719	9660	8922
52.5	6300	6786	6737	6593	6975	6776	7102	7302	6745	7318
55.0	4846	5167	5277	4949	5407	5178	5611	5228	5516	5918
57.5	3812	3989	4170	3982	4064	4208	4159	4161	4503	4427
60.0	3050	3159	3244	3298	3173	3360	3187	3481	3436	3326
62.5	2507	2555	2574	2672	2677	2597	2711	2744	2688	2834
65.0	2078	2120	2094	2136	2212	2161	2230	2185	2299	2334
67.5	1723	1784	1788	1783	1746	1844	1785	1871	1882	1829
70.0	1422	1502	1513	1509	1480	1466	1524	1519	1491	1544
72.5	1162	1248	1178	1158	1201	1218	1221	1212	1257	1281
75.0	928.0	956.2	954.0	956.5	938.4	958.8	958.8	1002	1000	993.4
77.5	716.5	724.7	711.9	695.7	725.9	727.6	755.9	747.6	756.7	779.6
80.0	530.1	557.8	527.9	523.8	519.4	534.9	528.9	556.1	576.9	583.3
82.5	372.8	339.0	297.9	322.9	338.6	357.4	377.5	379.3	378.0	374.2
85.0	241.4	159.7	152.9	171.7	210.7	209.3	201.5	183.1	161.8	139.4
87.5	133.1	57.89	68.74	71.38	54.56	28.89	0	0	0	0
90.0	118.0	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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107249	107227	107214	107208	107194	107183	107179	107184	107198	107198
5.0	106010	106024	106027	106043	106040	106038	106038	106023	106026	106002
7.5	104504	104527	104570	104624	104671	104732	104767	104798	104829	104822
10.0	102478	102628	102808	102979	103145	103302	103441	103554	103631	103661
12.5	100046	100146	99992	99874	99786	99725	99691	99678	99687	99716
15.0	95920	95842	95822	95822	95819	95805	95789	95767	95742	95696
17.5	91311	91416	91441	91388	91429	91492	91606	91695	91775	91782
20.0	86111	86024	86088	86290	86613	86983	87295	87592	87807	87890
22.5	79619	79899	80410	80525	80518	80551	80558	80586	80636	80718
25.0	72709	73016	73279	73426	73479	73535	73539	73509	73465	73418
27.5	65274	65711	66086	66243	66098	66052	66102	66187	66265	66294
30.0	57923	58370	58115	58014	58123	58296	58568	58841	59066	59196
32.5	50124	49791	49713	49771	50337	50774	51023	51209	51314	51374
35.0	41678	41382	42098	42766	43172	43438	43553	43590	43562	43517
37.5	33803	34857	35515	35986	35920	35800	35736	35742	35784	35851
40.0	28007	28864	28831	28514	28195	27956	27842	27870	28007	28205
42.5	22771	22406	21807	21184	21687	22420	22923	23248	23411	23424
45.0	17010	16186	16367	17305	17957	18414	18677	18793	18816	18775
47.5	11867	12664	13454	14061	14254	14287	14253	14215	14207	14238
50.0	9671	10307	10593	10380	10089	9823	9639	9429	9597	9717
52.5	7845	7865	7676	7247	7376	7652	7873	7999	8048	8033
55.0	5855	5544	5636	5940	6164	6331	6447	6495	6498	6476
57.5	4179	4466	4717	4895	4951	4968	4972	4958	4948	4954
60.0	3541	3728	3788	3770	3690	3589	3494	3421	3398	3436
62.5	2932	2924	2843	2716	2787	2849	2899	2926	2936	2933
65.0	2292	2219	2290	2352	2399	2436	2462	2472	2474	2470
67.5	1862	1913	1960	1991	2003	2010	2013	2011	2011	2014
70.0	1586	1602	1607	1606	1596	1580	1562	1550	1549	1559
72.5	1281	1273	1254	1273	1288	1295	1299	1302	1305	1307
75.0	999.4	1020	1036	1048	1058	1060	1060	1060	1060	1062
77.5	797.5	810.9	816.0	819.8	821.8	819.7	817.4	815.6	815.5	817.9
80.0	585.8	586.8	586.3	585.5	583.3	578.5	574.2	571.4	570.7	574.3
82.5	366.3	352.8	339.0	325.7	313.2	301.6	292.6	287.1	285.3	288.6
85.0	116.2	93.30	71.33	51.19	33.56	19.15	8.587	2.158	0	2.169

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:12 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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107207	107226	107254	107287	107314	107352	107400	107457	107523	107593
5.0	105997	105985	105981	105987	105987	106013	106038	106076	106143	106227
7.5	104812	104792	104739	104683	104599	104503	104404	104305	104258	104320
10.0	103653	103612	103534	103414	103248	103035	102817	102609	102391	102200
12.5	99788	99913	100090	100325	100643	101075	101110	100693	100252	99826
15.0	95680	95690	95723	95809	96003	96313	96745	97318	97708	97004
17.5	91773	91676	91534	91344	91133	91113	91348	91772	92432	93357
20.0	87879	87769	87506	87176	86764	86296	85800	85656	86140	86965
22.5	80882	81131	81495	82046	82344	81606	80753	79933	79238	79850
25.0	73422	73470	73650	73978	74509	75225	75565	74349	73124	72063
27.5	66288	66207	66075	65875	66010	66490	67243	68197	68556	65409
30.0	59258	59163	58990	58693	58307	57861	58148	58906	60034	58676
32.5	51440	51505	51568	51589	51138	50570	49889	49825	50750	51923
35.0	43488	43502	43549	43583	43601	43524	42818	42019	41799	42966
37.5	35910	35943	35882	35702	35812	35903	35939	35311	34370	34383
40.0	28447	28712	28922	28930	28744	28589	28826	28846	28152	27175
42.5	23321	23150	22809	22506	22656	22616	22242	22515	22477	21717
45.0	18696	18621	18417	18084	17558	17340	17368	16983	17176	17060
47.5	14291	14351	14264	14061	13860	13502	13079	13123	12694	12918
50.0	9972	10291	10558	10655	10573	10390	10219	9925	9819	9548
52.5	7959	7823	7624	7512	7838	7906	7722	7705	7510	7316
55.0	6429	6352	6231	6058	5850	5788	5923	5815	5810	5706
57.5	4968	4965	4917	4825	4744	4601	4407	4502	4416	4444
60.0	3530	3638	3726	3772	3759	3675	3601	3488	3495	3417
62.5	2921	2893	2849	2800	2901	2942	2901	2848	2794	2777
65.0	2460	2443	2416	2386	2348	2309	2348	2330	2289	2278
67.5	2015	2012	2002	1985	1963	1945	1925	1914	1898	1858
70.0	1573	1592	1610	1619	1616	1604	1586	1582	1574	1545
72.5	1306	1305	1302	1295	1284	1297	1295	1282	1271	1273
75.0	1061	1061	1060	1055	1047	1040	1029	1024	1014	991.3
77.5	819.9	822.5	824.2	821.4	814.9	808.1	801.4	794.7	786.3	774.5
80.0	579.5	585.9	592.6	595.5	596.2	595.0	589.4	582.1	572.8	568.2
82.5	295.5	306.0	319.8	334.3	350.3	367.1	382.3	388.8	387.5	382.0
85.0	8.671	19.43	34.28	52.53	73.73	97.08	121.3	146.5	171.3	194.9
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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107664	107743	107831	107927	108029	108137	108249	108133	108021	107916
5.0	106322	106445	106596	106773	106972	107194	107434	107186	106957	106750
7.5	104418	104571	104773	105015	105309	105650	106033	105636	105282	104975
10.0	102023	102157	102372	102692	103110	103615	104195	103598	103075	102639
12.5	99435	99108	99191	99594	100124	100808	101627	100785	100080	99531
15.0	96351	95730	95232	95516	96180	97060	98140	97026	96112	95417
17.5	92749	91814	91007	90637	91406	92482	93850	92435	91312	90497
20.0	88158	87371	86151	85163	85709	87005	88684	86949	85599	85001
22.5	80940	82397	80716	79306	79197	80747	82820	80686	79074	79117
25.0	73021	74489	74589	72686	71632	73430	75867	73364	71500	72486
27.5	64508	65843	67783	65558	63715	65482	68215	65419	63582	65348
30.0	56910	56928	58730	58185	55906	57082	60015	57038	55808	58001
32.5	49972	48056	49663	50796	48242	48777	51861	48739	48158	50659
35.0	43245	41050	40984	43161	40758	40574	43687	40542	40685	43036
37.5	35678	34568	32817	34811	33746	32934	36008	32912	33697	34687
40.0	27894	28662	26492	27291	27323	26016	28908	25996	27277	27182
42.5	21097	22379	21178	20751	21681	19968	22674	19954	21650	20652
45.0	16303	16584	16779	15386	16880	14998	17259	14970	16837	15303
47.5	12676	12058	12979	11716	12658	11461	13052	11447	12608	11637
50.0	9762	9268	9539	9161	9357	8795	9862	8783	9333	9106
52.5	7292	7271	6979	7220	6974	6772	7501	6763	6953	7183
55.0	5441	5626	5297	5699	5192	5253	5716	5255	5181	5666
57.5	4332	4235	4237	4267	3965	4134	4422	4135	3957	4237
60.0	3467	3316	3409	3247	3246	3323	3463	3324	3237	3217
62.5	2734	2763	2679	2634	2716	2724	2796	2728	2708	2607
65.0	2235	2255	2184	2237	2278	2238	2290	2239	2269	2209
67.5	1871	1809	1880	1827	1809	1807	1889	1806	1798	1798
70.0	1514	1529	1500	1447	1432	1444	1545	1442	1419	1426
72.5	1249	1224	1212	1242	1218	1147	1254	1144	1203	1219
75.0	1005	979.9	972.3	937.0	937.8	951.5	994.7	947.5	924.1	916.1
77.5	755.4	759.5	734.6	746.5	727.5	736.5	762.8	732.0	715.2	724.8

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:12 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	561.4	543.7	539.4	508.1	483.3	489.9	555.8	488.8	483.3	490.8
82.5	371.6	369.1	360.5	340.4	306.4	287.3	374.4	319.3	326.4	331.5
85.0	216.7	215.0	204.6	193.3	158.4	119.7	222.4	166.0	182.2	188.7
87.5	0	31.15	59.98	80.17	59.45	48.64	94.35	65.60	63.50	71.84
90.0	0	0	0	0	0	0	8.337	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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107816	107725	107642	107569	107496	107427	107368	107319	107280	107251
5.0	106566	106408	106277	106175	106084	106012	105968	105938	105911	105910
7.5	104721	104508	104345	104238	104169	104210	104301	104392	104481	104562
10.0	102299	102064	101912	102076	102258	102471	102675	102888	103092	103247
12.5	99111	99013	99317	99677	100076	100500	100915	100861	100392	100035
15.0	95104	95583	96198	96847	97527	97050	96395	95903	95550	95324
17.5	90832	91615	92527	93100	92092	91351	90840	90530	90482	90654
20.0	85938	87107	87842	86541	85608	85021	85086	85523	85932	86291
22.5	80467	82098	80510	79282	78540	79115	79843	80616	81312	80963
25.0	74321	74109	72495	71392	72294	73372	74463	74057	73286	72708
27.5	67493	65412	63931	64652	65918	67089	66045	65203	64631	64426
30.0	58421	56464	56271	57860	59027	57798	56915	56497	56795	57088
32.5	49394	47618	49304	51046	49778	48721	48649	49129	49521	49848
35.0	40718	40609	42574	42147	40846	40922	41549	42034	42065	42005
37.5	32564	34123	35065	33659	33462	34203	34673	34638	34483	34330
40.0	26245	28235	27368	26517	27297	27805	27772	27515	27616	27729
42.5	20958	22000	20650	21121	21704	21693	21389	21700	21693	21461
45.0	16589	16307	15900	16521	16588	16367	16664	16571	16760	17235
47.5	12835	11846	12323	12504	12275	12632	12517	12899	13238	13412
50.0	9425	9094	9475	9251	9496	9551	9797	9941	10109	10169
52.5	6900	7094	7103	7102	7273	7431	7430	7575	7507	7174
55.0	5224	5490	5302	5547	5640	5627	5713	5558	5616	5805
57.5	4163	4149	4232	4329	4296	4366	4265	4432	4562	4645
60.0	3361	3256	3393	3339	3409	3389	3491	3553	3631	3651
62.5	2634	2716	2683	2717	2730	2772	2816	2856	2820	2729
65.0	2148	2215	2193	2227	2233	2269	2284	2249	2287	2320
67.5	1846	1774	1831	1814	1850	1863	1871	1889	1905	1924
70.0	1470	1496	1475	1504	1529	1535	1537	1551	1561	1561
72.5	1185	1190	1210	1233	1229	1237	1249	1247	1231	1240
75.0	945.1	946.8	966.4	952.1	973.2	981.7	984.7	992.1	996.5	1002
77.5	708.1	726.8	719.4	736.0	747.7	755.6	760.5	762.9	766.7	770.7
80.0	515.5	515.0	528.2	533.4	538.4	546.2	551.0	551.0	549.2	547.0
82.5	338.4	343.2	343.4	351.4	356.0	355.7	347.9	331.5	316.6	303.2
85.0	186.4	192.9	191.8	174.4	154.7	133.1	110.5	87.70	66.63	47.64
87.5	52.00	27.33	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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107218	107188	107169	107159	107158	107145	107140	107144	107156	107171
5.0	105903	105907	105920	105924	105947	105944	105958	105958	105960	105966
7.5	104619	104675	104695	104704	104708	104674	104643	104613	104561	104520
10.0	103368	103453	103498	103504	103468	103385	103281	103155	103002	102830
12.5	99768	99575	99445	99367	99331	99322	99353	99414	99490	99600
15.0	95212	95156	95135	95151	95194	95222	95263	95309	95339	95372
17.5	90824	90952	91038	91042	91033	90964	90896	90802	90760	90768
20.0	86598	86850	86956	86956	86872	86676	86396	86094	85768	85493
22.5	80385	80007	79760	79598	79524	79502	79501	79521	79531	79570
25.0	72338	72141	72095	72110	72175	72260	72337	72386	72392	72384
27.5	64573	64684	64772	64805	64814	64790	64777	64820	64912	65161
30.0	57300	57452	57554	57526	57452	57299	57132	56973	56898	56928
32.5	49820	49841	49821	49829	49831	49791	49693	49504	49179	48632
35.0	41979	41991	42014	42109	42209	42306	42359	42319	42160	41773
37.5	34489	34598	34589	34596	34587	34620	34715	34847	35065	35137
40.0	27679	27538	27285	27106	26965	26916	27001	27193	27506	27835
42.5	21733	22128	22354	22494	22531	22440	22216	21802	21143	20668
45.0	17537	17765	17924	18013	18096	18126	18090	17905	17512	16893
47.5	13575	13677	13692	13658	13663	13711	13807	13901	13909	13730
50.0	10037	9800	9541	9321	9229	9296	9518	9828	10140	10349
52.5	7244	7455	7623	7719	7753	7727	7638	7466	7218	7086
55.0	5945	6069	6173	6240	6277	6288	6267	6187	6039	5818
57.5	4720	4768	4793	4798	4803	4822	4851	4870	4861	4803
60.0	3604	3526	3438	3362	3329	3356	3433	3536	3636	3711
62.5	2773	2814	2847	2865	2872	2868	2849	2811	2754	2686
65.0	2347	2371	2393	2406	2415	2419	2415	2398	2365	2322
67.5	1940	1948	1953	1955	1958	1964	1969	1972	1969	1960
70.0	1552	1536	1517	1505	1502	1508	1522	1543	1563	1577

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:12 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	1247	1251	1252	1254	1257	1259	1259	1257	1253	1244
75.0	1007	1008	1008	1010	1012	1017	1019	1021	1022	1017
77.5	773.4	771.5	769.2	768.0	768.0	771.9	775.2	780.3	784.8	786.6
80.0	543.7	536.4	530.4	526.1	523.6	527.1	531.1	538.8	545.5	550.4
82.5	291.0	278.8	269.8	264.2	261.8	264.7	270.0	279.7	290.6	302.3
85.0	31.19	17.70	7.918	1.986	0	1.989	7.924	17.76	31.14	47.51
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	108370	108370	108370	108370	108370	108370	108370	108370	108370	108370
2.5	107178	107193	107217	107248	107287	107327	107366	107414	107470	107534
5.0	105955	105958	105950	105943	105951	105966	105985	106025	106085	106167
7.5	104470	104431	104410	104413	104414	104362	104322	104318	104347	104401
10.0	102658	102488	102350	102262	102202	102223	102312	102221	102148	102146
12.5	99758	99962	99889	99585	99378	99282	99300	99438	99372	99216
15.0	95424	95491	95614	95812	95914	95600	95456	95487	95733	95498
17.5	90874	90898	90849	90822	90867	91086	90929	90836	91005	91215
20.0	85344	85350	85525	85555	85367	85341	85454	85271	85332	85796
22.5	79512	79101	78890	79053	79546	79141	78927	78995	78958	79389
25.0	72336	72101	71820	71702	71952	72631	72062	71683	71513	71910
27.5	65094	64747	64374	63859	63744	64321	64929	64038	63537	63869
30.0	57079	57402	57043	56273	55557	55768	56550	56486	55516	55422
32.5	48693	48855	49237	49155	48227	47130	47794	49004	47709	47118
35.0	41181	40453	40857	41338	41290	40041	39388	40424	40348	39135
37.5	34724	34078	33131	33282	33929	33613	32114	32371	33514	32067
40.0	28185	28238	27459	26408	26541	27266	26230	25182	26500	25788
42.5	21327	21961	22342	21547	20309	20763	21238	19665	20090	20336
45.0	16030	15904	16741	17219	16334	15251	16126	15493	14828	15809
47.5	13183	12459	11722	12651	13020	12074	11805	12257	11089	11983
50.0	10405	10149	9563	8824	9541	9626	8834	9160	8734	8852
52.5	7540	7764	7763	7243	6691	7256	7066	6758	6937	6548
55.0	5546	5488	5804	5867	5487	5222	5603	5175	5387	4935
57.5	4648	4426	4157	4405	4489	4167	4177	4218	4062	3980
60.0	3740	3697	3524	3322	3435	3488	3210	3372	3177	3296
62.5	2814	2904	2918	2828	2690	2751	2727	2607	2682	2671
65.0	2268	2207	2281	2326	2298	2189	2236	2167	2214	2134
67.5	1936	1897	1850	1820	1877	1870	1783	1845	1741	1777
70.0	1583	1583	1570	1532	1483	1513	1518	1461	1473	1500
72.5	1229	1251	1263	1266	1246	1203	1212	1211	1194	1148
75.0	1008	996.4	979.8	976.1	985.9	990.4	948.3	950.9	932.3	948.5
77.5	786.1	785.0	776.5	761.3	740.2	735.1	746.3	720.5	721.3	690.6
80.0	555.3	560.2	563.9	564.4	559.5	543.1	520.4	528.0	515.1	524.2
82.5	315.9	330.4	345.1	355.1	360.8	365.2	366.7	350.0	335.5	335.5
85.0	66.49	87.39	109.5	131.6	152.5	172.1	189.8	199.4	204.9	185.6
87.5	0	0	0	0	0	0	0	26.96	51.68	64.34
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	108370	108370								
2.5	107606	107687								
5.0	106270	106394								
7.5	104499	104642								
10.0	102218	102364								
12.5	99138	99190								
15.0	95280	95240								
17.5	90716	90459								
20.0	85394	84977								
22.5	79409	78633								
25.0	72513	71432								
27.5	64902	63577								
30.0	56465	55635								
32.5	48146	47690								
35.0	39970	39981								
37.5	32394	32833								
40.0	25563	26274								
42.5	19575	20549								
45.0	14721	15825								
47.5	11242	11910								
50.0	8650	8976								
52.5	6727	6788								
55.0	5272	5163								
57.5	4167	3996								
60.0	3246	3164								
62.5	2574	2554								

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:12 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	2084	2116
67.5	1778	1778
70.0	1501	1494
72.5	1165	1237
75.0	942.5	945.3
77.5	702.2	713.0
80.0	526.8	546.6
82.5	331.8	358.0
85.0	187.7	207.9
87.5	71.45	64.32
90.0	0	0

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