

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

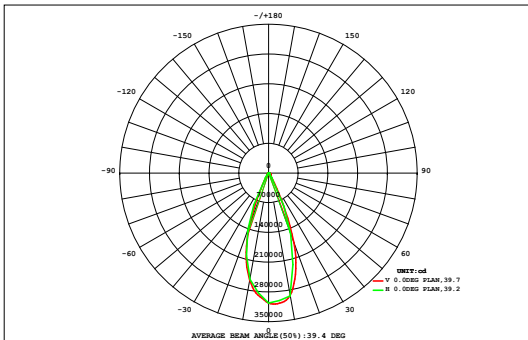
Maximum Intensity		2244.3 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		-2.0 degrees horizontal
Beam Spread	At 10% of Imax	57.9V x 56.7H
	At 50% of Imax	39.2V x 39.7H
	At 90% of Imax	18.3V x 19.1H
Beam Flux	Total	994.3 lumens per klm.
	To 10% of Imax	862.3 lumens per klm.
	To 50% of Imax	599.4 lumens per klm.
	To 90% of Imax	158.1 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.4 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:482.60V I:2.0921A P:1009.6W PF:0.9778		
Freq:50.03Hz Lamp Flux:133788 x1 lm		
NAME: ASD-SPFLHV-1000D50-PRM-L40	TYPE:	
MFR.: ASD LIGHTING CORP		



DATA OF LAMP		Eff:132,52 lm/W	
ASD-SPFLHV-1000D50-PRM-L40		Imax (cd)	308496
NOMINAL POWER (W)	1000	AVAILABILITY (%)	87.4
RATED VOLTAGE (V)	480	Avai. FLUX (lm)	133788
NOMINAL FLUX (lm)	133788	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	133788
TEST VOLTAGE (V)	480	θ @50% (H, V)	40,39DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm		Φ t	Φ a
	14.5	18.5	22.1	26.4	30.6	34.9	38.8	41.4	42.6	43.1	41.9	39.9	36.5	32.0	27.6	23.4	19.5	16.0	550	0.00
45	14.5	18.5	22.1	26.4	30.6	34.9	38.8	41.4	42.6	43.1	41.9	39.9	36.5	32.0	27.6	23.4	19.5	16.0	550	0.00
40	19.8	23.7	28.2	33.4	38.7	44.7	49.3	51.6	53.0	52.2	50.5	47.1	41.5	35.4	29.8	24.6	20.9	16.4	661	0.00
35	19.1	25.1	31.5	39.8	48.3	62.7	82.3	105	124	129	115	92.0	70.9	54.1	43.7	34.9	26.7	21.0	1125	0.00
30	24.5	31.7	41.6	52.3	66.9	92.6	125	161	183	175	144	106	77.7	58.3	47.3	35.7	26.7	20.4	1470	0.00
25	23.9	32.0	42.3	65.8	119	257	483	708	838	852	759	579	346	161	80.3	49.8	36.1	26.3	5459	4774
20	30.7	42.1	59.7	111	242	545	934	1222	1332	1265	1048	717	357	146	73.5	46.4	34.2	24.6	8231	7600
15	27.3	36.9	56.4	117	324	757	1206	1561	1728	1730	1617	1375	1016	552	205	77.9	44.5	31.6	12462	11959
10	34.5	47.8	97.7	266	773	1454	1922	2168	2180	2078	1869	1522	1051	465	150	61.0	38.8	27.8	16204	15738
5	29.2	39.3	62.6	156	484	1128	1697	2090	2245	2233	2105	1844	1458	904	348	108	49.6	34.1	17015	16552
0	36.1	52.8	123	403	1071	1754	2193	2413	2441	2333	2125	1745	1225	578	171	64.1	38.9	28.4	18796	18363
-5	28.3	37.0	50.6	99.0	344	947	1566	2029	2240	2274	2131	1818	1367	797	317	103	48.6	33.5	16228	15773
-10	33.4	45.6	88.9	233	644	1244	1772	2104	2214	2155	1878	1405	814	273	89.4	48.4	36.1	26.7	15104	14608
-15	25.6	34.2	40.7	55.6	122	357	747	1129	1375	1443	1334	1063	725	388	163	69.8	41.7	30.0	9144	8626
-20	29.0	39.0	51.5	86.4	149	295	540	774	897	841	612	299	96.2	36.1	31.1	34.8	30.6	23.0	4863	4216
-25	21.4	28.1	35.2	42.3	53.9	83.4	163	275	371	422	405	330	220	115	68.4	44.6	33.0	24.9	2737	1880
-30	22.6	29.1	37.1	41.8	39.6	32.1	25.7	24.8	23.9	19.9	17.0	15.1	16.2	24.0	32.4	29.9	24.0	18.8	474	0.00
-35	16.7	21.7	26.7	33.0	38.1	44.4	53.4	63.7	71.3	77.9	75.6	67.5	57.1	45.6	37.2	30.7	24.6	19.5	805	0.00
-40	17.2	21.0	25.4	29.9	33.6	35.1	32.9	28.0	24.3	22.4	24.8	27.5	28.8	28.3	25.1	21.2	18.3	14.0	458	0.00
-45	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45			
Φ t	454	606	922	1890	4621	9168	13632	16947	18382	18145	16353	13091	9004	4695	1939	908	593	437	131785	---
Φ a	0.00	0.00	16.9	814	3817	8588	13155	16411	17819	17599	15884	12653	8509	3931	894	0.00	0.00	0.00	---	120090

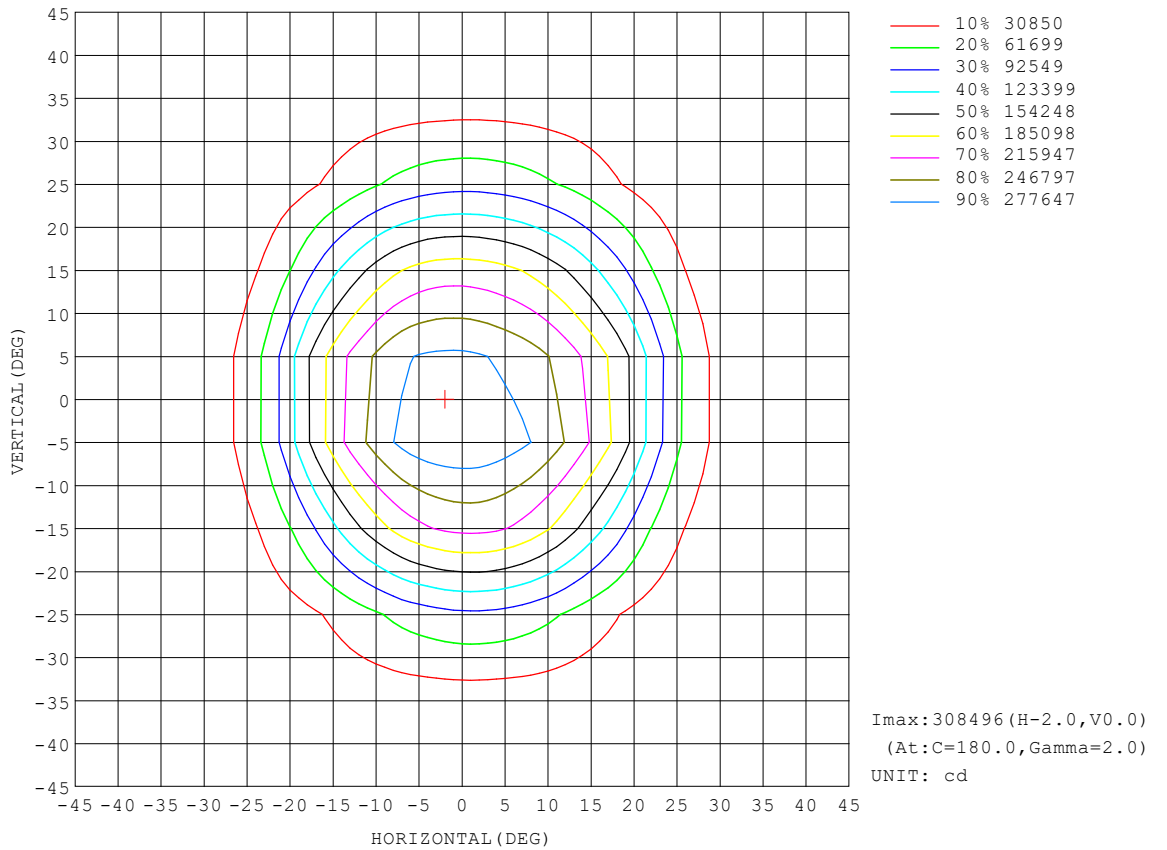
one-half-peak spread: U:20.1,D:19.3 , L:19.1,R:20.7 NEMA Beam Type: Type 4

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

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NAME: ASD-SPFLHV-1000D50-PRM-L40	TYPE:	
MFR.: ASD LIGHTING CORP		

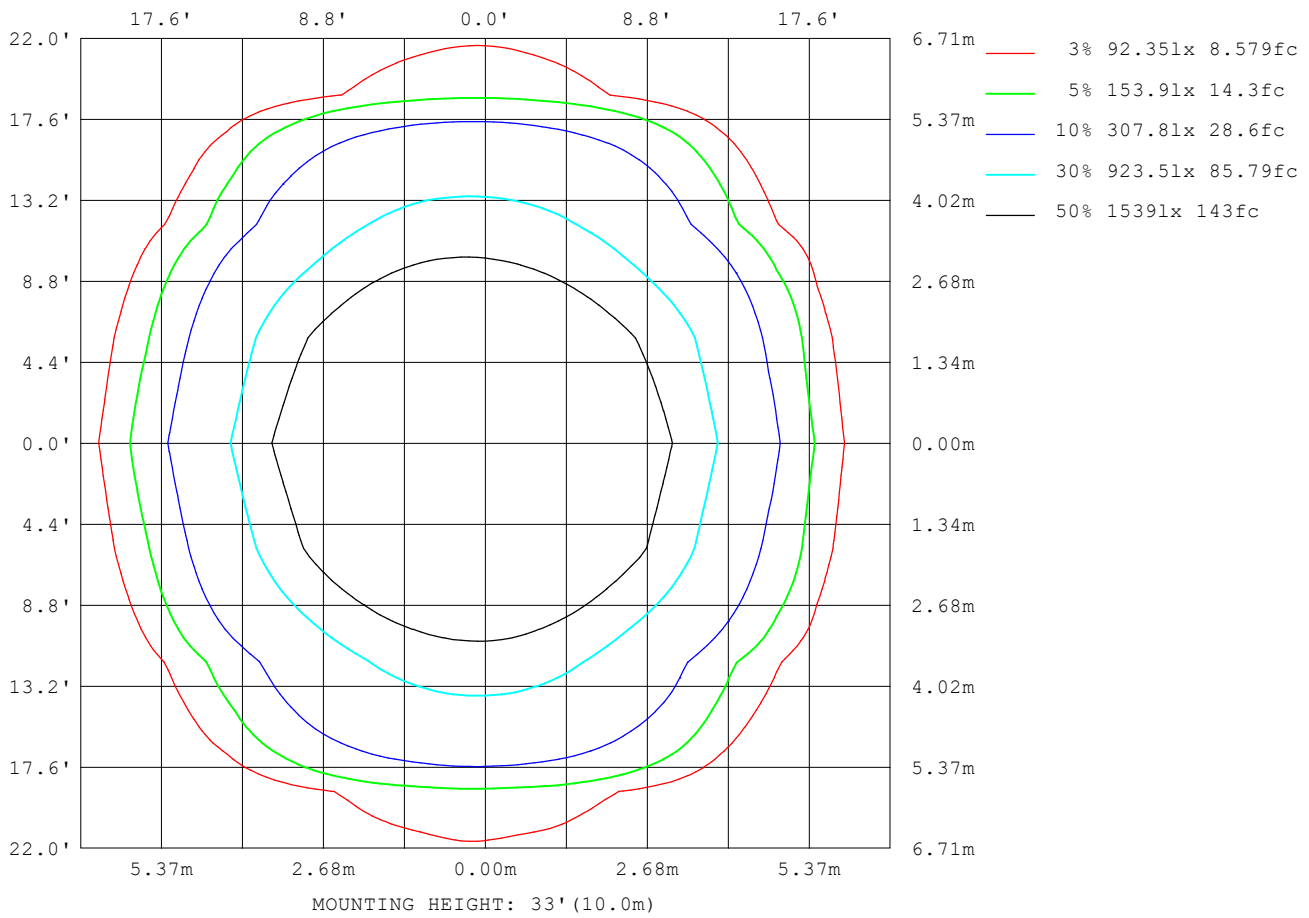


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ISOLUX DIAGRAM

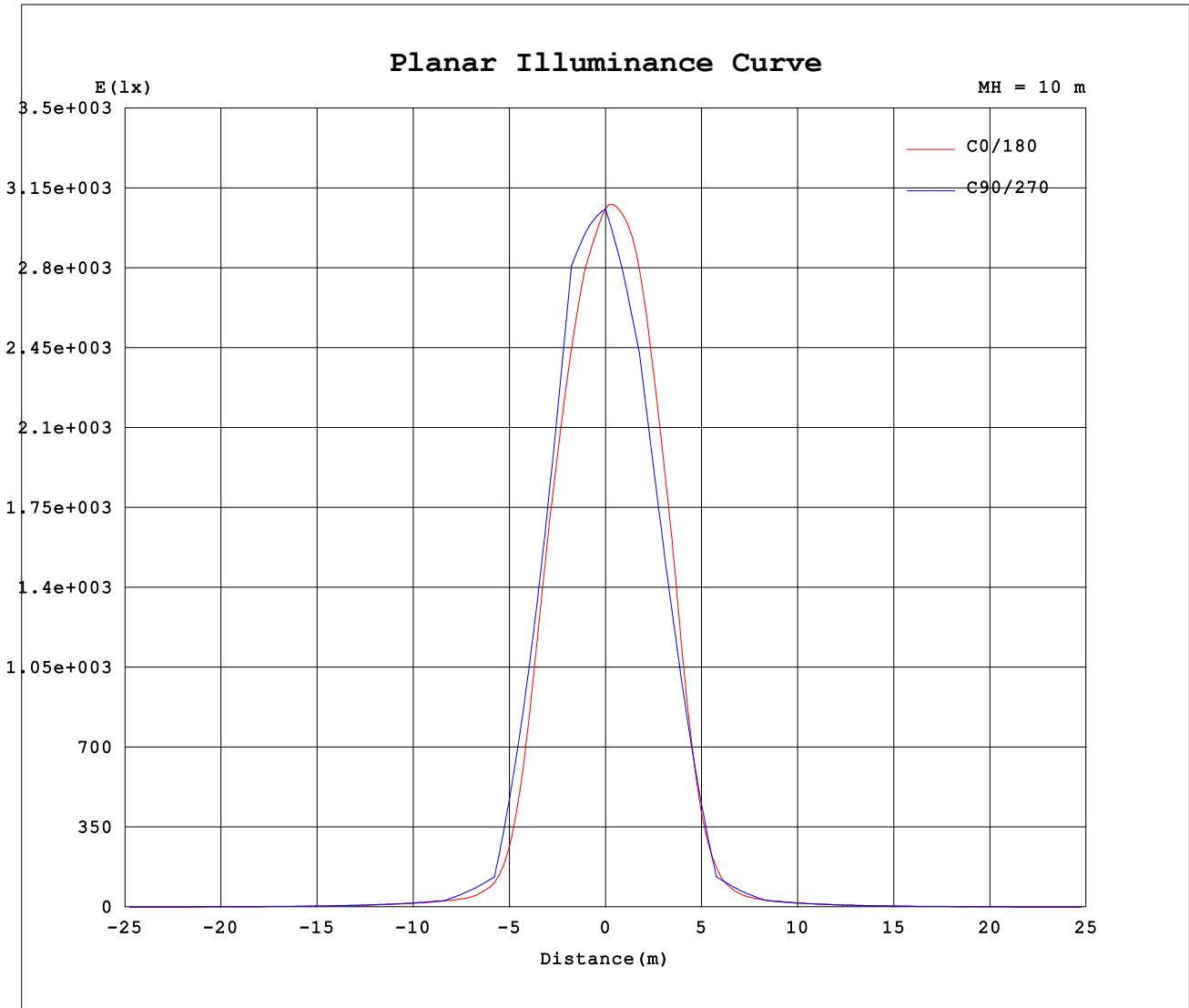
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Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



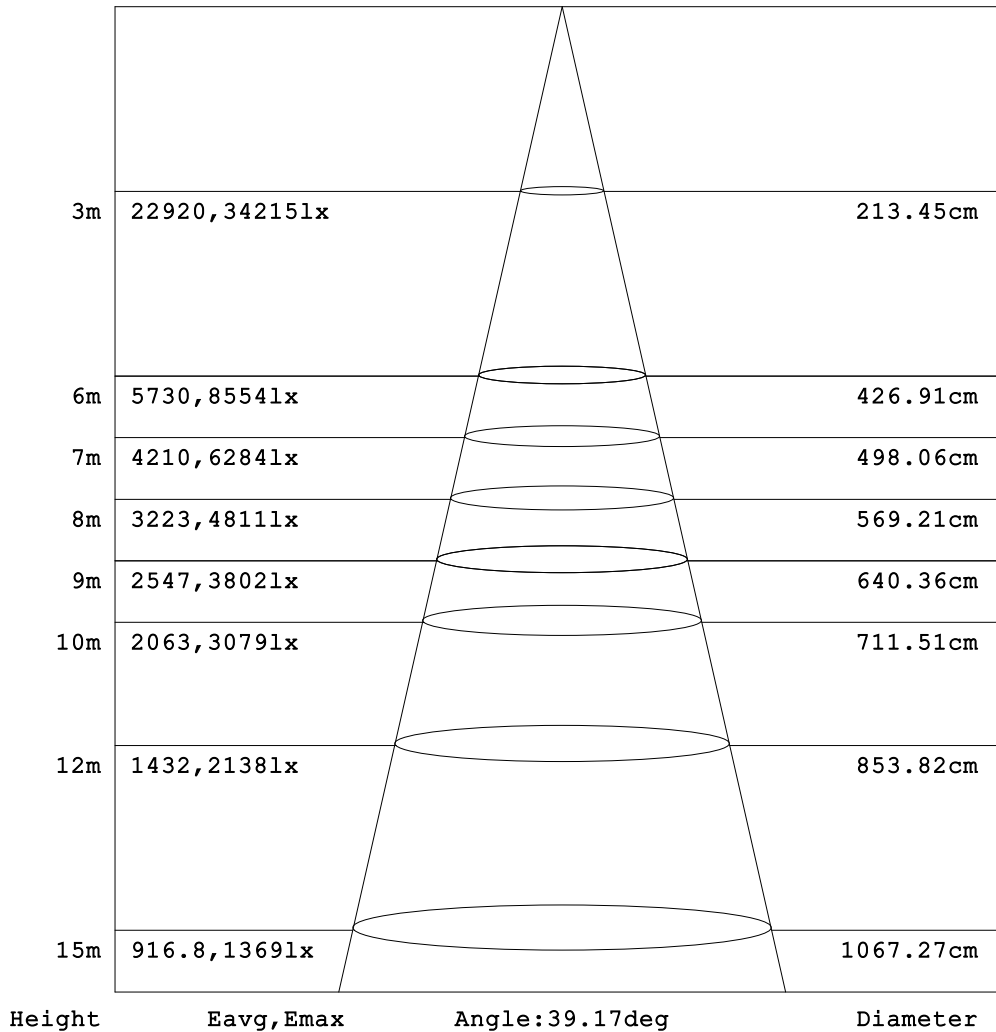
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 Remarks:

AAI Figure

Test:U:482.60V I:2.0921A P:1009.6W PF:0.9778		
Freq:50.03Hz Lamp Flux:133788 x1 lm		
NAME: ASD-SPFLHV-1000D50-PRM-L40	TYPE:	
MFR.: ASD LIGHTING CORP		

Flux out:85848 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:482.60V I:2.0921A P:1009.6W PF:0.9778		
Freq:50.03Hz Lamp Flux:133788 x1 lm		
NAME: ASD-SPFLHV-1000D50-PRM-L40	TYPE:	
MFR.: ASD LIGHTING CORP		

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	2.43	4.06	5.58	5.95	6.01	6.02	6.01	6.03	6.07	6.13	6.23	6.33	6.48	6.66	6.80	6.88	6.85	6.92	6.91
-75	1.57	2.67	4.26	5.07	5.42	5.78	6.10	6.42	6.79	7.15	7.51	7.91	8.27	8.69	9.05	9.44	9.43	9.48	9.67
-70	1.44	2.64	3.78	4.48	5.14	5.79	6.44	7.10	7.81	8.44	9.15	9.75	10.4	11.0	11.5	12.0	12.0	12.1	12.3
-65	0.81	1.59	2.72	3.66	4.61	5.66	6.60	7.61	8.71	9.91	11.0	12.3	13.4	14.6	15.6	16.7	17.4	17.5	17.7
-60	0.66	1.49	2.43	3.57	4.91	6.28	7.58	8.95	10.5	12.3	13.9	15.8	17.3	19.1	20.5	22.0	22.7	22.9	23.0
-55	0.34	0.85	1.76	2.99	4.63	6.27	7.91	9.73	11.8	14.3	16.9	19.8	22.7	25.2	27.4	29.3	30.8	31.5	32.0
-50	0.25	0.89	1.98	3.68	5.64	7.58	9.67	12.1	15.0	18.4	22.1	26.3	30.3	33.2	36.0	37.9	39.5	40.5	40.9
-45	0.15	0.55	1.57	3.26	5.49	7.77	10.2	13.2	16.9	21.3	26.5	30.9	35.7	40.4	44.3	48.0	50.6	52.0	53.0
-40	0.12	0.86	2.31	4.59	7.16	9.85	13.0	17.0	22.3	28.2	34.2	39.3	45.3	50.9	56.0	60.3	63.3	64.2	65.0
-35	0.09	0.52	1.81	4.03	6.61	9.68	13.1	17.7	23.5	30.0	37.0	43.8	51.8	60.1	70.2	87.9	107	125	136
-30	0.09	0.98	2.89	5.46	8.39	12.1	16.8	22.7	30.0	37.2	45.2	54.2	65.4	75.8	97.5	131	168	194	205
-25	0.08	0.57	2.25	4.79	7.68	11.5	16.3	22.6	30.0	38.0	46.7	57.8	72.1	108	190	358	581	770	867
-20	0.09	1.15	3.56	6.30	9.70	14.4	20.8	28.2	36.4	45.8	56.7	70.4	102	188	391	762	1168	1449	1531
-15	0.09	0.63	2.65	5.36	8.54	12.8	18.9	26.6	34.9	44.2	55.4	69.8	109	242	608	1177	1715	2091	2235
-10	0.09	1.37	3.83	6.81	10.4	15.7	23.0	31.6	40.4	51.1	64.5	89.5	187	523	1251	2047	2619	2901	2942
-5	0.09	0.75	2.86	5.75	9.10	13.8	20.3	28.8	37.8	48.1	60.7	78.7	153	430	1135	1982	2598	2936	3014
0	0.09	1.53	4.06	7.17	11.1	16.7	24.1	33.4	42.9	53.5	67.7	107	271	807	1746	2465	2926	3071	3058
5	0.09	0.83	2.90	5.83	9.21	14.0	20.4	28.9	37.9	48.1	60.5	79.1	154	430	1139	1959	2510	2794	2829
10	0.09	1.49	3.96	7.00	10.7	16.0	23.0	31.7	40.4	50.9	64.5	90.9	188	520	1261	1944	2403	2580	2543
15	0.09	0.82	2.81	5.52	8.74	13.1	19.2	26.8	35.1	44.1	55.0	70.1	111	242	614	1168	1643	1938	2008
20	0.11	1.46	3.71	6.45	9.91	14.7	21.2	28.6	36.4	45.2	56.3	70.9	104	186	408	787	1178	1403	1433
25	0.10	0.79	2.58	4.96	7.93	11.7	16.8	23.2	30.4	37.7	46.0	57.0	72.3	108	192	370	593	758	824
30	0.12	1.33	3.22	5.69	8.67	12.5	17.4	23.3	30.2	36.7	44.1	52.6	64.5	75.2	96.0	126	162	194	207
35	0.11	0.72	2.21	4.26	6.84	9.95	13.8	18.4	24.0	30.1	36.4	42.4	50.1	58.1	68.2	84.7	103	123	134
40	0.11	1.12	2.70	4.77	7.30	10.4	13.7	17.7	22.7	28.3	34.2	37.6	42.5	47.5	52.7	57.8	61.2	62.4	63.1
45	0.10	0.58	1.76	3.42	5.50	7.88	10.6	13.6	17.3	21.6	26.4	30.1	34.1	38.0	41.5	45.2	47.9	49.2	50.3
50	0.10	0.86	2.04	3.64	5.53	7.57	9.80	12.4	15.2	18.7	22.1	25.7	29.0	31.3	33.4	34.8	36.0	36.9	37.4
55	0.08	0.40	1.28	2.50	3.99	5.66	7.43	9.35	11.5	14.0	16.5	19.3	21.8	23.9	25.7	27.2	28.5	29.3	29.7
60	0.08	0.60	1.42	2.50	3.74	5.15	6.58	7.99	9.60	11.5	13.1	14.9	16.4	18.0	19.4	20.6	21.6	22.0	22.1
65	0.07	0.23	0.83	1.62	2.53	3.58	4.66	5.75	6.93	8.21	9.39	10.7	11.9	13.0	14.0	15.0	15.7	16.1	16.2
70	0.07	0.30	0.83	1.44	2.13	2.88	3.63	4.41	5.25	5.97	6.76	7.45	8.17	8.83	9.38	10.1	10.0	10.1	10.4
75	0.07	0.11	0.42	0.82	1.29	1.79	2.31	2.82	3.37	3.89	4.39	4.90	5.35	5.83	6.26	6.63	6.80	6.88	7.02
80	0.08	0.11	0.31	0.58	0.85	1.12	1.40	1.67	1.93	2.19	2.45	2.70	2.94	3.17	3.35	3.53	3.56	3.66	3.76
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:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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Freq:50.03Hz Lamp Flux:133788 x1 lm		
NAME: ASD-SPFLHV-1000D50-PRM-L40	TYPE:	
MFR.: ASD LIGHTING CORP		

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	6.74	6.71	6.65	6.58	6.32	6.14	6.02	5.94	5.90	5.92	5.96	6.03	6.15	6.26	6.34	5.48	3.63	2.50	
-75	9.41	9.33	9.38	8.99	8.63	8.25	7.84	7.51	7.15	6.86	6.55	6.27	6.05	5.83	5.54	5.05	3.65	2.28	
-70	12.1	11.9	11.9	11.2	10.6	10.0	9.40	8.76	8.17	7.56	6.88	6.33	5.78	5.16	4.57	3.61	2.34	1.42	
-65	17.4	17.3	16.8	15.9	14.9	13.7	12.6	11.5	10.3	9.20	8.11	7.16	6.25	5.32	4.31	3.33	2.22	1.25	
-60	23.0	22.4	21.1	19.6	18.2	16.6	15.0	13.2	11.7	9.98	8.53	7.23	6.02	4.65	3.28	2.18	1.21	0.60	
-55	31.6	30.8	29.5	27.8	25.8	23.6	20.9	18.1	15.6	13.0	10.8	8.89	7.19	5.54	3.94	2.34	1.20	0.54	
-50	39.8	38.4	36.5	34.4	31.6	28.5	24.6	20.9	17.4	14.2	11.4	9.11	7.05	5.14	3.25	1.52	0.57	0.24	
-45	52.2	51.1	48.5	45.0	41.1	36.9	32.2	28.1	23.3	18.9	14.9	11.7	9.05	6.57	4.42	2.33	0.84	0.22	
-40	63.7	62.0	58.1	52.5	47.3	41.5	36.2	31.8	25.5	20.3	15.5	12.1	8.91	6.21	3.92	1.69	0.41	0.13	
-35	129	116	96.5	77.4	63.3	54.6	45.6	39.0	32.1	26.2	20.2	15.3	11.3	7.94	5.25	2.92	0.90	0.13	
-30	188	154	119	89.1	72.1	60.4	49.1	40.7	34.0	27.2	20.7	15.2	10.8	7.39	4.65	2.33	0.44	0.10	
-25	832	680	450	242	129	82.9	61.1	49.4	40.1	32.7	25.4	19.0	13.5	9.23	6.05	3.49	1.15	0.10	
-20	1375	1030	612	277	142	82.8	63.5	50.0	39.9	32.4	24.9	17.9	12.4	8.34	5.25	2.78	0.51	0.09	
-15	2171	1872	1383	832	361	147	79.9	59.1	46.6	37.2	29.4	21.9	15.4	10.3	6.75	3.89	1.48	0.10	
-10	2776	2357	1741	948	356	136	74.9	57.6	45.2	35.8	27.9	20.1	13.9	9.15	5.82	3.00	0.73	0.10	
-5	2913	2636	2138	1464	679	227	98.7	64.8	50.3	39.9	31.7	23.4	16.5	11.0	7.17	4.10	1.64	0.10	
0	2882	2561	2055	1319	539	166	81.1	60.4	47.0	37.0	28.8	20.5	14.3	9.47	5.98	3.04	0.98	0.09	
5	2710	2475	2050	1457	692	226	98.7	64.8	50.0	39.5	31.5	23.4	16.5	11.0	7.14	4.09	1.64	0.10	
10	2392	2084	1628	973	363	135	75.1	57.5	44.4	35.2	27.8	20.2	13.8	9.13	5.78	2.98	0.97	0.08	
15	1918	1685	1307	836	374	145	80.0	58.9	45.6	36.3	29.2	21.9	15.4	10.3	6.73	3.85	1.56	0.09	
20	1296	1019	628	291	137	82.4	63.3	49.0	38.6	31.7	24.7	18.0	12.5	8.39	5.25	2.73	0.91	0.07	
25	783	652	458	251	127	81.7	60.6	48.1	38.7	31.8	25.2	19.0	13.6	9.30	6.05	3.45	1.43	0.08	
30	185	148	113	86.5	71.1	59.6	47.4	38.7	32.8	26.8	20.7	15.3	11.0	7.38	4.61	2.41	0.85	0.06	
35	129	113	91.6	74.2	61.2	53.0	43.9	37.2	31.1	25.7	20.2	15.3	11.3	7.97	5.15	2.94	1.24	0.07	
40	61.8	59.8	55.9	49.8	44.4	39.0	34.4	31.1	25.1	20.2	15.5	11.9	8.91	6.15	3.76	1.99	0.72	0.05	
45	49.6	48.3	46.1	42.7	38.9	35.1	30.9	27.3	23.0	18.7	14.8	11.5	8.77	6.37	4.13	2.34	1.03	0.06	
50	36.5	35.3	33.9	32.4	30.2	27.8	24.3	20.8	17.5	14.1	11.2	8.78	6.64	4.70	2.92	1.53	0.59	0.06	
55	29.4	28.8	27.7	26.3	24.7	22.7	20.4	17.7	15.2	12.5	10.1	8.06	6.24	4.56	3.02	1.72	0.82	0.06	
60	21.9	21.6	20.3	19.0	17.6	16.0	14.4	12.4	10.8	8.86	7.26	5.82	4.46	3.13	2.00	1.08	0.47	0.06	
65	16.1	15.9	15.5	14.6	13.6	12.5	11.4	10.1	8.78	7.41	6.11	4.97	3.89	2.84	1.91	1.14	0.63	0.07	
70	10.2	10.0	9.97	9.35	8.77	8.07	7.35	6.54	5.74	4.89	4.01	3.22	2.48	1.76	1.15	0.73	0.25	0.07	
75	6.97	6.82	6.77	6.50	6.14	5.71	5.22	4.72	4.15	3.60	3.01	2.45	1.93	1.44	1.00	0.67	0.38	0.07	
80	3.61	3.59	3.52	3.39	3.19	2.94	2.71	2.44	2.14	1.83	1.54	1.26	1.00	0.76	0.55	0.38	0.11	0.07	
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:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	297253	297361	297536	297774	298070	298416	298809	299242	299677	300111
5.0	288199	288534	289001	289597	290317	291154	292103	293156	294252	295384
7.5	275344	276191	277387	278884	280636	282394	284265	286270	288251	289181
10.0	256065	257710	259941	262708	265962	269652	273238	273042	273332	274347
12.5	232684	234975	238223	242399	247286	250089	248860	249015	250537	253367
15.0	205515	208378	212531	217942	222393	218932	217430	217954	220547	222649
17.5	172351	176759	182956	190549	186890	182521	181015	182075	184268	187144
20.0	131935	138485	147425	153538	144546	139245	138792	144616	149182	153213
22.5	89654	97592	108344	107640	98024	91105	100297	109932	117578	111188
25.0	53930	61788	72512	66573	57825	59097	69290	80372	74893	67507
27.5	29731	36249	43702	38073	31700	37916	47125	46436	39943	32057
30.0	16603	20790	24267	20456	19691	25138	27937	24587	19186	23627
32.5	11461	13324	13980	12146	13449	17418	15951	12404	14780	17923
35.0	8110	9534	9627	8517	9985	10689	9428	9929	11804	12596
37.5	6778	7423	7301	7098	8042	7782	7303	8356	9116	8689
40.0	6038	6464	6233	6318	6626	6303	6552	7040	6991	6651
42.5	5242	5758	5393	5655	5628	5524	5925	5788	5696	5995
45.0	4701	5083	4732	5078	4830	4998	5139	4878	5128	5387
47.5	4174	4514	4215	4478	4205	4547	4367	4426	4654	4551
50.0	3697	3964	3797	3880	3827	3952	3811	4065	3986	3827
52.5	3297	3494	3439	3364	3515	3412	3488	3575	3442	3489
55.0	2877	3057	3099	2882	3107	2981	3118	2978	3102	3141
57.5	2457	2605	2744	2573	2575	2669	2585	2597	2755	2635
60.0	2055	2164	2267	2299	2131	2281	2146	2317	2249	2199
62.5	1735	1763	1801	1920	1882	1778	1904	1874	1848	1954
65.0	1432	1457	1436	1483	1588	1509	1580	1517	1646	1658
67.5	1175	1232	1254	1247	1226	1324	1240	1360	1383	1328
70.0	946.7	1047	1076	1099	1072	1024	1118	1129	1119	1179
72.5	759.3	872.3	786.4	798.5	876.9	904.2	932.9	940.7	1017	1041
75.0	598.0	631.8	655.3	701.6	703.4	768.7	797.1	870.6	885.1	873.2
77.5	444.2	466.1	487.8	509.6	623.2	670.8	735.3	744.9	761.2	775.3
80.0	303.5	374.2	400.8	476.6	553.7	629.3	646.8	679.8	697.8	694.3
82.5	187.2	227.9	273.2	429.7	539.0	600.2	629.1	632.6	622.4	604.5
85.0	98.34	135.1	316.8	490.4	591.5	611.9	593.6	437.6	325.5	242.5
87.5	17.81	201.7	518.6	580.4	284.5	110.5	0	0	0	0
90.0	9.362	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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	300559	301017	301485	301960	302321	302638	302958	303287	303629	303800
5.0	296565	297699	298690	299662	300347	300890	301274	301349	301432	301255
7.5	289895	290877	292078	293402	294592	295789	296654	297322	297804	297852
10.0	276145	278598	281319	284055	286754	289209	291310	293024	294175	294646
12.5	257014	259075	259596	259730	259647	259436	259120	258908	258854	259111
15.0	224236	225474	226268	226913	227212	226784	225813	224638	223532	222613
17.5	190264	192767	192623	190280	188937	188332	188503	188392	188328	188059
20.0	152648	148777	146416	145562	145873	147107	149482	151768	153124	153836
22.5	104944	100321	98379	104383	110759	114951	117904	119579	119898	119609
25.0	60434	65099	73469	80840	85506	87678	88430	87810	86672	85131
27.5	40805	49162	55859	60110	59624	57909	56097	54361	53605	53188
30.0	30266	36248	36426	35003	31620	27434	23700	20906	20539	21667
32.5	20584	21029	18423	13238	14334	15402	16213	16607	17055	16844
35.0	12161	9904	10366	11368	12205	12939	13286	13482	13570	13081
37.5	7622	8222	9028	9767	10041	10192	10106	10008	10034	9814
40.0	6864	7291	7630	7725	7574	7307	6905	6548	6498	6603
42.5	6172	6142	6075	5845	5794	5866	5869	5855	5897	5872
45.0	5245	5085	5049	5179	5258	5302	5278	5284	5295	5254
47.5	4379	4508	4604	4700	4698	4690	4653	4663	4694	4675
50.0	3980	4104	4120	4107	4061	4037	4019	4040	4093	4098
52.5	3631	3609	3552	3512	3508	3551	3579	3608	3646	3637
55.0	3107	3086	3079	3121	3136	3172	3181	3187	3199	3181
57.5	2613	2706	2735	2759	2746	2755	2752	2749	2748	2744
60.0	2317	2384	2351	2324	2314	2309	2320	2313	2297	2308
62.5	2010	1974	1923	1903	1962	2003	2033	2031	2033	2031
65.0	1632	1597	1646	1696	1741	1773	1771	1755	1769	1760
67.5	1378	1426	1464	1487	1504	1522	1497	1483	1499	1492
70.0	1233	1243	1246	1246	1247	1263	1222	1212	1230	1224
72.5	1047	1032	1022	1044	1066	1096	1076	1077	1099	1086
75.0	879.4	894.1	913.9	931.0	944.7	963.5	945.3	944.8	967.4	951.6
77.5	789.4	796.2	803.8	810.1	817.8	825.3	812.0	810.6	829.3	823.0
80.0	690.5	683.2	679.9	680.6	688.4	684.9	678.8	676.4	691.2	694.4
82.5	565.2	498.2	447.9	413.2	391.5	367.7	350.9	341.0	345.6	350.1
85.0	180.2	132.2	94.39	64.98	41.99	23.35	10.30	2.563	0	2.631

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:25 January 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416

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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	303993	304211	304458	304689	304829	305007	305223	305475	305763	306048
5.0	301136	300952	300797	300688	300540	300520	300509	300581	300818	301164
7.5	297775	297536	297060	296488	295675	294694	293592	292224	291169	291162
10.0	294622	294275	293575	292492	291035	288868	286226	283221	279546	275839
12.5	259827	261313	263692	267097	271512	277016	277162	271282	265032	258588
15.0	221982	221938	222772	224488	227246	231178	236607	243734	247935	238099
17.5	187678	186497	185146	183208	180681	181523	186114	192379	200362	210195
20.0	153854	152622	150753	148657	145491	141798	138127	139098	147152	156348
22.5	118885	117714	116485	114837	111357	107761	103535	99027	94888	103841
25.0	83738	83103	82240	80950	79082	76397	72247	68373	63518	58754
27.5	53015	53405	52508	50740	49913	49107	47188	44317	40667	37087
30.0	23747	27001	29605	30903	30299	28202	27825	27246	26364	23576
32.5	16351	15990	15263	14413	17316	17664	16756	16310	16607	16185
35.0	12858	12528	12053	11574	11001	10558	11243	10915	10878	11181
37.5	9796	9647	9366	8988	8725	8385	8042	8358	8147	8025
40.0	6888	7233	7414	7358	7082	6830	6852	6953	6920	6514
42.5	5889	5946	5968	6047	6091	5965	5886	6017	6147	5891
45.0	5274	5292	5301	5328	5310	5326	5288	5144	5249	5348
47.5	4686	4687	4675	4662	4665	4709	4745	4623	4456	4630
50.0	4107	4120	4137	4134	4102	4088	4126	4159	4043	3969
52.5	3631	3631	3630	3656	3650	3612	3517	3569	3678	3535
55.0	3178	3186	3176	3191	3200	3206	3137	3023	3129	3243
57.5	2756	2775	2745	2722	2739	2767	2770	2668	2601	2704
60.0	2339	2398	2362	2342	2332	2308	2322	2302	2243	2140
62.5	2043	2073	2022	1977	1985	1969	1931	1901	1911	1845
65.0	1769	1777	1745	1719	1698	1664	1660	1602	1569	1574
67.5	1502	1512	1495	1472	1447	1434	1424	1383	1342	1274
70.0	1234	1262	1275	1261	1246	1227	1205	1186	1174	1102
72.5	1086	1102	1097	1077	1063	1056	1047	1017	993.0	968.2
75.0	954.0	970.5	956.7	945.2	933.6	920.0	913.2	894.5	870.2	819.0
77.5	823.3	838.3	830.0	822.3	810.7	802.4	800.3	790.3	780.7	751.2
80.0	692.7	705.9	709.5	708.9	704.9	703.3	703.6	699.7	693.7	682.6
82.5	358.2	380.0	405.1	435.5	473.1	523.6	593.1	624.9	631.1	628.8
85.0	10.51	24.14	43.43	68.49	99.70	138.9	189.0	251.7	333.9	442.7
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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	306307	306601	306926	307276	307648	308035	308430	307319	306220	305142
5.0	301593	302197	302959	303861	304876	305980	307143	304736	302388	300129
7.5	291436	292333	293748	295510	297758	300382	303264	298880	294741	290955
10.0	271995	272938	274926	278047	282153	287073	292619	285523	279020	273267
12.5	251910	245550	245676	250444	256456	263795	272304	262490	253767	246219
15.0	228688	219508	211205	214984	223587	234228	246505	233591	222199	212623
17.5	201948	189629	178337	172532	183586	197581	214065	197596	183517	172177
20.0	166689	155900	140530	127159	136082	153798	174582	153947	136384	127548
22.5	112761	120151	102841	88386	88395	105590	125420	105551	88332	88569
25.0	67529	74110	70147	56661	50392	64625	80727	64622	50380	56592
27.5	35124	41036	44615	34982	27816	36597	46958	36622	27866	34996
30.0	20612	21600	24259	21822	17406	20877	27104	20906	17456	21910
32.5	14180	12231	14448	14852	11981	12758	15856	12859	12159	14940
35.0	10606	9301	9576	10594	8879	8892	10708	8920	9028	10940
37.5	8110	7634	7146	7685	7264	7105	7946	7112	7313	7765
40.0	6664	6863	6334	6483	6515	6233	6766	6224	6525	6493
42.5	5698	6049	5766	5656	5903	5471	6092	5457	5883	5625
45.0	5074	5123	5239	4898	5294	4858	5353	4860	5261	4860
47.5	4620	4375	4734	4355	4676	4352	4847	4356	4678	4340
50.0	4115	3938	4036	3943	4049	3878	4295	3883	4056	3935
52.5	3494	3597	3413	3594	3493	3459	3799	3466	3508	3598
55.0	2956	3154	2951	3230	2965	3053	3344	3059	2988	3252
57.5	2637	2560	2630	2653	2480	2651	2864	2660	2507	2697
60.0	2278	2117	2273	2120	2171	2280	2414	2290	2202	2173
62.5	1801	1870	1780	1762	1892	1944	2006	1963	1931	1822
65.0	1491	1516	1444	1548	1624	1597	1671	1623	1652	1609
67.5	1291	1190	1284	1247	1230	1249	1374	1276	1259	1300
70.0	1046	1050	1006	956.8	932.6	960.2	1111	981.6	957.8	986.1
72.5	907.5	859.2	826.9	866.4	827.9	740.3	897.6	758.2	855.3	892.8
75.0	802.1	739.4	700.7	634.4	617.3	641.1	717.0	657.2	642.1	638.4
77.5	699.4	659.5	581.1	541.0	484.9	498.8	560.8	514.9	503.4	530.5

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:25 January 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	657.7	601.5	529.1	400.6	301.4	299.7	405.5	326.3	320.1	334.2
82.5	614.8	588.2	523.1	399.6	249.7	175.7	267.8	214.6	225.0	231.4
85.0	592.1	594.5	554.1	472.1	285.4	89.70	152.9	101.8	123.1	136.9
87.5	0	108.1	273.5	544.7	456.5	168.4	69.05	41.55	41.90	53.95
90.0	0	0	0	0	0	0	8.666	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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	304096	303091	302134	301234	300332	299456	298648	297916	297264	296696
5.0	297988	295988	294155	292508	290970	289571	288373	287308	286316	285520
7.5	287618	284579	282004	279997	278221	277215	276476	275591	274672	273685
10.0	268407	264565	261662	262825	263694	264412	264493	264270	263684	262570
12.5	239752	237406	240773	244327	247416	250066	252091	249818	244460	240036
15.0	207272	212391	218097	223831	229675	225131	218723	213628	209641	206702
17.5	176313	184956	193602	198393	189032	181708	176306	172687	171912	173404
20.0	140370	154358	162921	152330	143173	135626	134751	138709	142155	144501
22.5	103425	121074	113014	104035	95701	99645	104063	108994	113432	114924
25.0	70219	74460	67834	59276	64938	70555	74732	78921	81361	82280
27.5	44508	40887	34960	37044	41524	46543	49356	50865	51266	51872
30.0	24404	21690	20607	23324	26589	27887	28752	29229	30940	31127
32.5	14558	12362	14251	16021	16380	16198	16853	17889	17230	13834
35.0	9744	9501	10773	11229	10840	10800	11144	10375	10640	11113
37.5	7186	7722	8234	8086	8158	8290	7971	8224	8460	8659
40.0	6323	6886	6664	6472	6874	6848	6711	6643	6840	7081
42.5	5729	6008	5623	5784	6035	5879	5687	5713	5799	5781
45.0	5188	5066	4980	5198	5102	4968	5036	5005	4989	5038
47.5	4676	4312	4519	4516	4315	4417	4444	4410	4373	4368
50.0	4008	3889	4034	3906	3912	3950	3897	3853	3843	3853
52.5	3420	3566	3457	3499	3571	3433	3365	3426	3425	3393
55.0	2983	3156	2965	3217	3106	2961	3019	3066	3014	2977
57.5	2676	2599	2667	2707	2597	2637	2686	2652	2595	2560
60.0	2330	2172	2317	2168	2252	2283	2257	2214	2216	2210
62.5	1851	1932	1842	1872	1920	1872	1870	1883	1879	1869
65.0	1510	1574	1531	1586	1549	1550	1584	1574	1575	1583
67.5	1350	1229	1315	1250	1286	1301	1314	1304	1296	1306
70.0	1054	1071	1024	1037	1079	1056	1050	1055	1060	1067
72.5	840.0	832.7	837.5	853.9	839.5	837.3	845.9	843.0	838.8	850.2
75.0	676.3	662.7	672.5	638.3	659.8	663.4	665.8	664.9	672.2	680.2
77.5	495.7	511.9	490.4	505.7	512.3	505.8	506.6	505.7	511.8	520.8
80.0	361.7	358.3	368.7	364.8	361.5	362.6	366.2	368.3	369.9	373.0
82.5	241.8	241.9	234.6	240.4	242.5	240.2	235.0	224.2	215.1	207.8
85.0	128.9	138.0	139.6	123.9	107.0	90.31	74.60	59.30	45.26	32.63
87.5	39.04	20.21	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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	296090	295523	295046	294657	294358	293963	293653	293427	293281	293171
5.0	284750	284112	283607	283155	282890	282523	282314	282017	281749	281529
7.5	272584	271532	270416	269411	268571	267725	267043	266515	266057	265872
10.0	261157	259499	257704	255925	254252	252679	251234	250001	248970	248170
12.5	236406	233421	230897	228935	227532	226429	225702	225313	225183	225250
15.0	204666	203289	202197	201297	200813	200216	199906	199784	199777	199659
17.5	174397	174473	174110	173106	172036	170767	169973	169479	169772	170704
20.0	145984	146804	146019	145059	143260	141076	139028	137078	135685	135135
22.5	115110	115033	114335	113674	112853	111811	110563	108623	105608	101663
25.0	82285	81990	81881	81931	82446	82835	83116	82947	81687	79137
27.5	53185	52963	52227	51632	51563	51942	53151	55034	57001	58513
30.0	29599	26717	23659	21546	20679	21040	23077	26441	30354	34260
32.5	14733	15602	16232	16773	17059	16729	16009	15040	13713	12484
35.0	11589	12132	12600	12996	13439	13537	13168	12612	11708	10764
37.5	8987	9310	9538	9686	9875	9959	9938	9903	9657	9279
40.0	7127	6985	6680	6436	6311	6380	6691	7058	7284	7369
42.5	5723	5713	5655	5652	5671	5637	5631	5626	5582	5603
45.0	5036	5024	4997	4981	5031	5021	5022	5036	5025	4943
47.5	4389	4387	4370	4357	4385	4362	4371	4407	4452	4465
50.0	3837	3795	3749	3736	3739	3702	3711	3748	3811	3880
52.5	3342	3329	3324	3340	3356	3327	3310	3291	3272	3303
55.0	2943	2935	2942	2954	2973	2966	2965	2963	2940	2947
57.5	2562	2573	2587	2582	2592	2587	2594	2607	2590	2615
60.0	2216	2234	2237	2210	2211	2207	2219	2225	2205	2224
62.5	1891	1917	1923	1913	1916	1913	1920	1913	1872	1838
65.0	1593	1614	1618	1619	1621	1622	1633	1650	1625	1598
67.5	1316	1338	1327	1322	1330	1323	1334	1364	1361	1357
70.0	1062	1076	1038	1024	1040	1025	1035	1069	1073	1083

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:25 January 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	855.1	878.9	858.5	856.1	871.3	861.7	858.6	873.7	861.3	848.2
75.0	687.6	702.8	693.7	691.7	702.3	701.9	697.3	709.8	709.6	700.0
77.5	528.3	537.1	529.9	530.0	539.0	533.1	533.3	542.9	546.4	544.5
80.0	373.3	375.0	365.9	368.4	375.7	364.2	369.1	375.1	378.6	380.3
82.5	200.0	195.1	186.1	185.0	187.9	182.8	187.9	194.6	201.6	208.7
85.0	21.43	12.39	5.462	1.390	0	1.374	5.516	12.36	21.62	32.81
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	305825	305825	305825	305825	305825	305825	305825	305825	305825	305825
2.5	293035	292979	293002	293101	293275	293510	293802	294177	294634	295172
5.0	281248	281097	280989	280986	281148	281460	281923	282560	283369	284343
7.5	265857	266170	266853	267936	268969	269221	269563	270084	270754	271461
10.0	247694	247459	247820	248872	250411	252687	255543	255099	254395	254080
12.5	225386	225716	225638	225642	226452	228243	231018	234838	235111	233494
15.0	199452	199130	198643	198151	198046	199477	202318	206378	211814	210249
17.5	172735	173034	171760	170409	169326	168743	170583	174530	180392	185142
20.0	136170	138299	141870	143089	140665	138139	135133	137376	143180	152058
22.5	98308	98832	101640	106834	112894	107999	101060	93842	100283	109170
25.0	74404	66941	61658	67370	74601	80988	71557	61859	59979	68155
27.5	56391	50296	42289	33785	40971	47831	49061	39077	32203	38475
30.0	36684	36765	31248	24533	19220	24813	28489	25256	19517	20340
32.5	18139	21142	21184	18349	14490	12269	15921	17349	13306	12085
35.0	9893	9634	12265	12618	11525	9781	9357	10607	9946	8514
37.5	8631	7960	7475	8552	8989	8256	7301	7782	8050	7115
40.0	7296	7030	6694	6561	6907	6972	6532	6277	6614	6318
42.5	5794	5880	5968	5866	5597	5693	5860	5450	5574	5626
45.0	4783	4803	5014	5223	4984	4710	5004	4879	4728	5013
47.5	4354	4242	4125	4354	4490	4238	4188	4403	4067	4370
50.0	3902	3879	3760	3617	3816	3879	3642	3812	3698	3775
52.5	3380	3431	3454	3328	3276	3442	3362	3295	3403	3292
55.0	2944	2964	3001	3026	2994	2916	3028	2902	3032	2847
57.5	2619	2615	2568	2580	2680	2560	2536	2618	2547	2553
60.0	2259	2301	2269	2182	2229	2293	2125	2255	2123	2290
62.5	1858	1907	1959	1923	1839	1870	1891	1777	1877	1920
65.0	1568	1536	1575	1609	1614	1510	1564	1505	1584	1489
67.5	1349	1326	1295	1255	1320	1320	1215	1312	1204	1254
70.0	1093	1101	1107	1063	1021	1046	1058	996.5	1044	1101
72.5	830.0	848.1	870.6	876.1	866.7	808.0	828.9	838.8	839.3	801.9
75.0	687.9	671.1	655.4	651.3	674.7	680.9	636.9	652.5	641.5	685.7
77.5	542.7	537.1	528.2	508.9	490.1	485.2	506.4	486.8	501.1	467.8
80.0	380.9	383.2	385.6	383.1	381.2	359.9	336.0	354.7	348.8	371.9
82.5	215.4	225.6	233.6	238.9	243.6	246.3	247.9	230.8	218.7	227.5
85.0	45.30	59.65	74.12	88.36	101.7	114.2	125.6	134.3	140.8	119.5
87.5	0	0	0	0	0	0	0	17.99	34.77	50.89
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	305825	305825								
2.5	295789	296483								
5.0	285478	286766								
7.5	272433	273713								
10.0	254212	254853								
12.5	232405	232103								
15.0	207636	206001								
17.5	179677	175222								
20.0	146601	138198								
22.5	109436	98187								
25.0	73871	62430								
27.5	44054	36407								
30.0	24201	20724								
32.5	13927	13293								
35.0	9623	9531								
37.5	7315	7432								
40.0	6236	6470								
42.5	5367	5752								
45.0	4653	5053								
47.5	4127	4469								
50.0	3716	3920								
52.5	3379	3462								
55.0	3063	3043								
57.5	2725	2602								
60.0	2266	2168								
62.5	1816	1764								

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:25 January 2022

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

65.0	1447	1456
67.5	1266	1232
70.0	1088	1048
72.5	787.8	873.6
75.0	651.5	631.5
77.5	474.1	464.0
80.0	373.4	371.7
82.5	225.8	240.9
85.0	128.6	150.3
87.5	63.82	63.33
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:25 January 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks: