

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

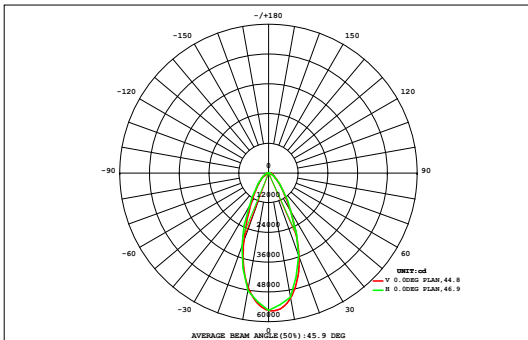
Maximum Intensity		1235.4 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		-2.0 degrees horizontal
Beam Spread	At 10% of Imax	93.4V x 91.3H
	At 50% of Imax	46.9V x 44.8H
	At 90% of Imax	19.0V x 18.7H
Beam Flux	Total	999.2 lumens per klm.
	To 10% of Imax	836.0 lumens per klm.
	To 50% of Imax	435.0 lumens per klm.
	To 90% of Imax	84.5 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.9 %
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:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.69V I:1.0781A P:299.37W PF:0.9979 Freq:49.96Hz		
Lamp Flux:45008.9x1 lm		
NAME: ASD-SPFL5-300D50-L45	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:150.35lm/W	
MODE	ASD-SPFL5-300D50-L45	Imax (cd)	55603
NOMINAL POWER (W)	300	AVAILABILITY (%)	83.6
RATED VOLTAGE (V)	277	Avai. FLUX (lm)	37635
NOMINAL FLUX (lm)	45008.9	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	45009
TEST VOLTAGE (V)	277	θ @50% (H, V)	45,47DEG

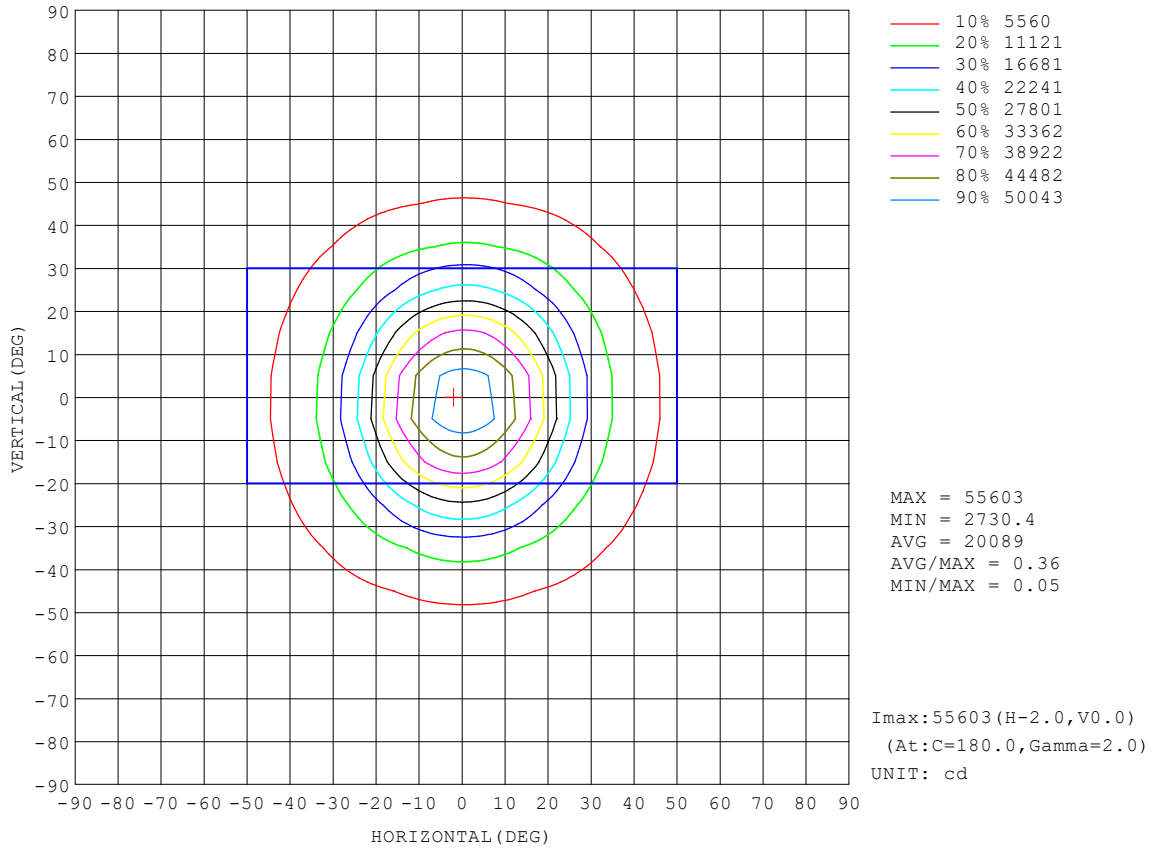
VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm				Φ t	Φ a			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.04	1.06	4.31	8.51	14.1	19.2	23.7	27.2	29.2	29.3	27.7	24.3	19.6	14.3	8.88	4.06	1.06	0.07	257	0.00				
70	0.15	2.68	7.77	14.5	23.0	32.4	41.0	47.8	51.6	51.6	48.2	41.4	32.3	23.1	14.7	7.89	2.63	0.19	443	0.00				
60	0.34	3.80	10.7	21.2	34.9	51.3	68.4	83.0	91.6	91.5	83.0	68.2	50.9	34.8	21.3	10.9	3.93	0.38	730	0.00				
50	0.53	4.79	13.9	28.3	49.8	79.3	114	148	170	170	148	114	78.6	49.3	28.3	14.1	4.96	0.56	1215	347				
40	0.69	5.73	16.9	36.4	70.0	119	187	267	327	329	271	191	120	68.6	36.0	17.0	5.82	0.71	2070	1575				
30	0.79	6.44	19.4	44.8	91.6	171	304	494	654	658	502	311	173	91.4	44.2	19.6	6.55	0.81	3593	3239				
	0.87	7.00	21.5	52.5	112	230	468	853	1157	1151	846	470	230	112	51.2	21.5	7.01	0.87	5792	5500				
	0.90	7.26	22.7	56.6	126	278	624	1180	1557	1541	1144	604	271	125	55.6	22.5	7.25	0.90	7623	7355				
	0.91	7.31	22.9	57.3	129	291	667	1239	1611	1581	1170	608	270	124	55.3	22.2	7.15	0.88	7864	7599				
	0.87	6.98	21.7	53.0	117	253	540	992	1310	1281	920	484	232	113	51.5	21.1	6.86	0.83	6407	6123				
	0.80	6.46	19.8	46.1	97.2	192	360	599	794	765	538	314	175	93.0	44.0	18.9	6.28	0.73	4071	3733				
-30	0.68	5.66	16.9	36.9	72.9	131	213	303	364	352	281	197	125	71.3	35.9	16.4	5.55	0.59	2228	1779				
-40	0.53	4.77	13.9	28.6	51.4	84.0	123	160	180	177	153	118	81.7	49.6	27.5	13.4	4.63	0.41	1271	385				
-50	0.36	3.72	10.6	20.9	34.4	51.3	70.0	85.3	93.8	93.9	85.1	69.2	50.9	34.0	20.5	10.3	3.64	0.25	738	0.00				
-60	0.21	2.58	7.45	14.4	22.8	31.7	40.3	46.6	49.6	49.2	45.5	39.3	31.3	22.2	13.9	7.28	2.45	0.11	427	0.00				
-70	0.07	1.19	4.00	8.02	12.7	17.5	21.8	24.8	26.1	26.0	24.4	21.4	17.3	12.6	7.79	4.15	1.01	0.04	231	0.00				
-80	0.01	0.08	0.70	2.09	3.15	4.23	5.10	5.60	5.87	5.81	5.40	4.74	3.89	2.82	1.40	0.35	0.02	0.01	51.3	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	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Φ t	8.73	77.5	235	530	1063	2037	3871	6555	8471	8352	6293	3678	1963	1040	518	231	76.8	8.34	45009	---				
Φ a	0.00	0.00	0.00	0.00	305	1459	3353	6065	7990	7868	5801	3144	1385	265	0.00	0.00	0.00	0.00	0.00	---				37635

one-half-peak spread: U:24.7,D:22.6 , L:22.2,R:22.9 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Temperature:25.3DEG	Humidity:65.0%
Operators:S	Test Distance:8.000m [K=1.0000]
Test Date:09 January 2023	Remarks:

ISOCANDELA DIAGRAM

Test:U:277.69V I:1.0781A P:299.37W PF:0.9979 Freq:49.96Hz Lamp Flux:45008.9x1 lm		
NAME: ASD-SPFL5-300D50-L45	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

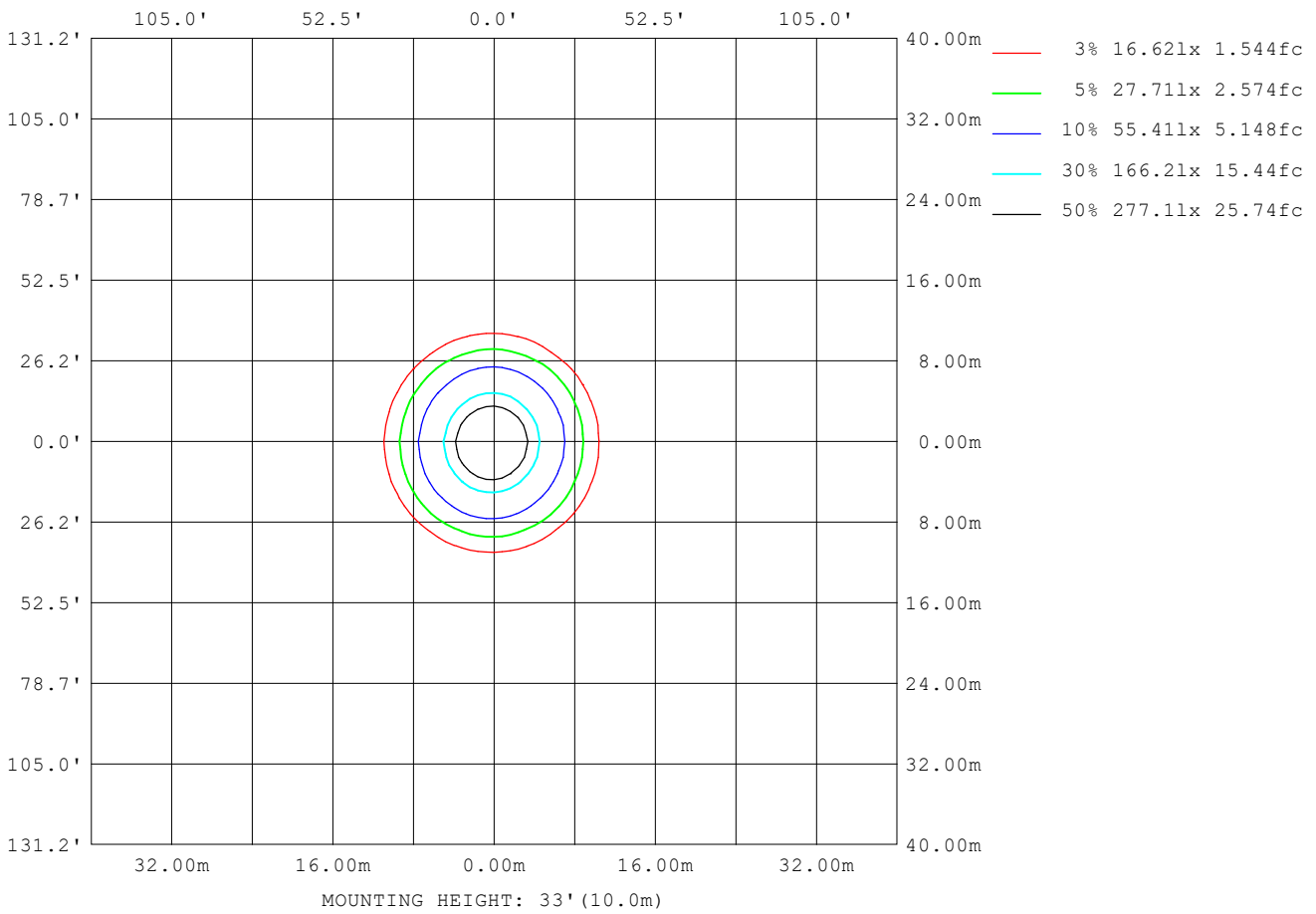


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:09 January 2023

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

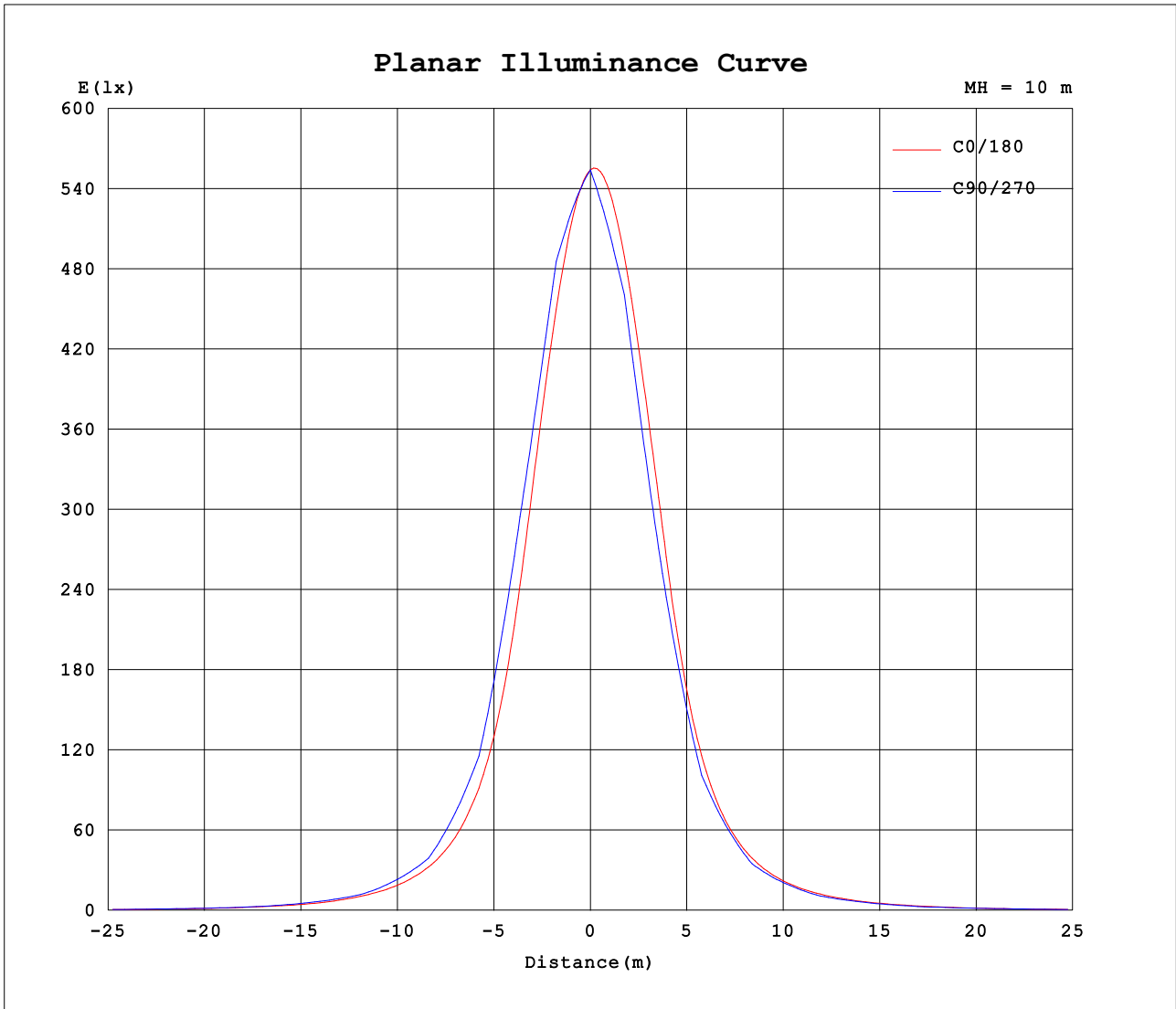
Test:U:277.69V I:1.0781A P:299.37W PF:0.9979 Freq:49.96Hz Lamp Flux:45008.9x1 lm		
NAME: ASD-SPFL5-300D50-L45	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve

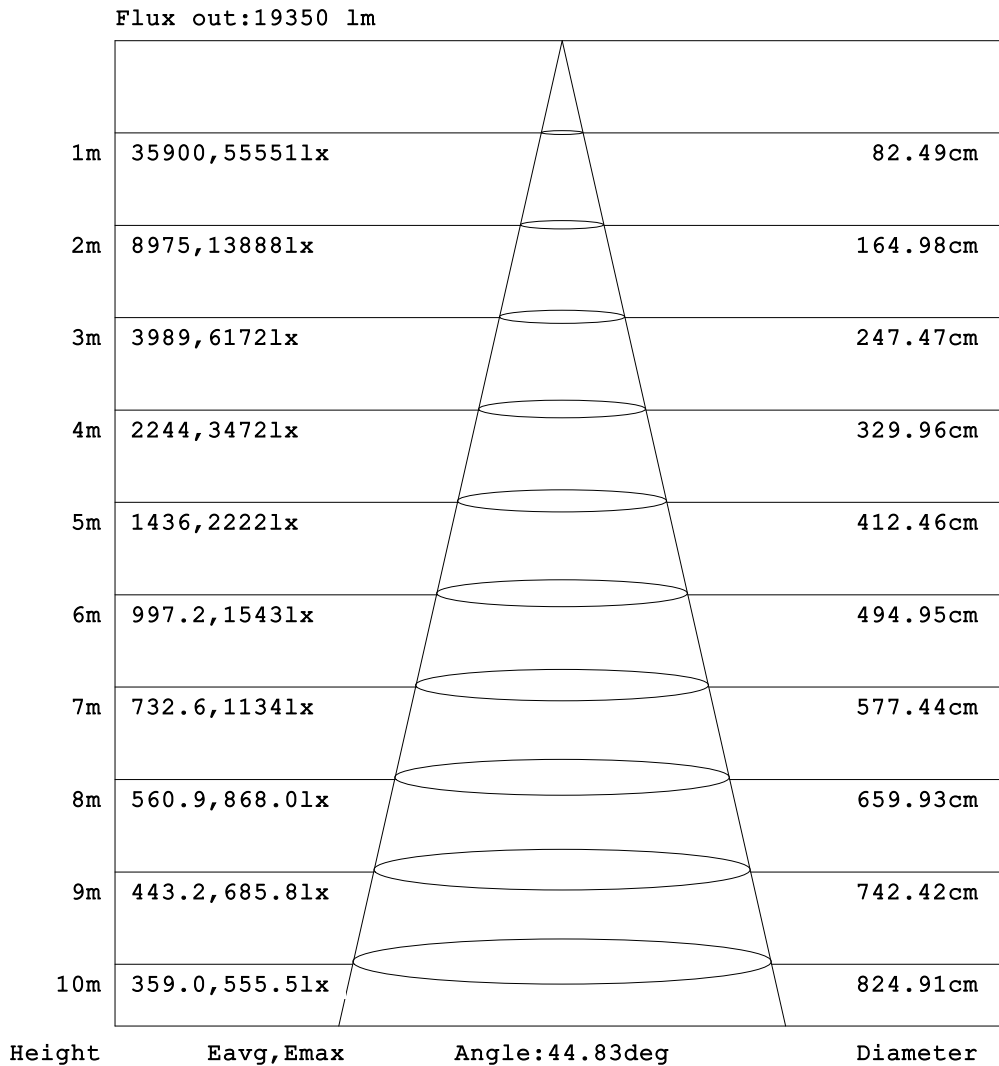


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:277.69V I:1.0781A P:299.37W PF:0.9979 Freq:49.96Hz Lamp Flux:45008.9x1 lm		
NAME: ASD-SPFL5-300D50-L45	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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:S
Test Date:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	54415	54358	54310	54272	54244	54226	54216	54215	54212	54211
5.0	52702	52646	52618	52616	52637	52679	52739	52816	52887	52958
7.5	50194	50204	50273	50395	50567	50756	50971	51212	51439	51466
10.0	47102	47221	47433	47726	48090	48513	48907	48742	48677	48721
12.5	43380	43664	44085	44630	45257	45571	45302	45182	45201	45359
15.0	39175	39648	40307	41128	41784	42179	41022	41000	41183	41515
17.5	34385	35116	36093	37278	36935	36408	36173	36288	36895	37523
20.0	29347	30304	31556	32499	31631	31016	30999	31951	32852	33707
22.5	24647	25743	27153	27273	26435	25851	26787	27913	29108	28652
25.0	20472	21598	23067	22429	21579	21898	23100	24352	23790	23240
27.5	16981	18076	19310	18331	17608	18639	19937	19665	18959	18489
30.0	14095	15139	15848	14938	14922	15999	16326	15644	15182	16143
32.5	11879	12794	13045	12274	12778	13778	13138	12462	13281	14199
35.0	9990	10850	10857	10248	11039	11199	10554	10914	11703	11907
37.5	8464	9271	9067	8868	9622	9167	8949	9642	9912	9619
40.0	7232	7964	7622	7718	8076	7508	7937	8362	8080	7953
42.5	6227	6897	6439	6766	6710	6504	7087	6908	6703	7084
45.0	5342	5998	5461	5975	5608	5810	5993	5686	5987	6286
47.5	4617	5128	4771	5141	4769	5232	4994	5053	5369	5211
50.0	3998	4395	4207	4312	4258	4426	4255	4531	4455	4272
52.5	3407	3741	3682	3577	3805	3649	3794	3828	3618	3815
55.0	2891	3146	3226	2968	3268	3100	3330	3105	3223	3378
57.5	2478	2639	2796	2622	2664	2763	2695	2694	2863	2777
60.0	2136	2220	2304	2343	2209	2370	2228	2421	2347	2295
62.5	1835	1871	1901	1995	1987	1909	2011	1997	1956	2055
65.0	1583	1612	1584	1634	1724	1666	1717	1660	1755	1770
67.5	1368	1423	1433	1425	1385	1493	1409	1491	1486	1446
70.0	1168	1262	1281	1283	1241	1208	1264	1248	1216	1264
72.5	978.7	1098	1007	991.9	1045	1053	1044	1028	1070	1088
75.0	796.8	848.0	866.0	881.1	846.7	862.4	851.1	895.7	881.9	871.1
77.5	631.8	663.4	677.5	659.4	701.4	690.9	713.8	693.3	695.2	720.2
80.0	494.2	565.0	568.3	565.5	549.0	564.2	528.5	542.0	565.5	578.5
82.5	328.6	406.0	385.0	395.4	403.7	402.3	391.2	386.8	396.6	409.7
85.0	111.3	212.8	189.4	188.0	231.6	203.8	205.4	192.3	177.9	156.2
87.5	10.79	26.03	48.90	22.81	33.47	23.87	0	0	0	0
90.0	10.88	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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	54215	54226	54243	54267	54279	54290	54307	54331	54363	54375
5.0	53039	53115	53171	53236	53270	53298	53317	53308	53313	53282
7.5	51443	51457	51513	51599	51689	51803	51897	51988	52075	52110
10.0	48811	48981	49222	49484	49769	50059	50342	50610	50837	50990
12.5	45665	45961	46152	46358	46548	46711	46852	46980	47097	47202
15.0	41853	42197	42533	42821	43057	43214	43309	43354	43357	43307
17.5	38089	38594	38816	38735	38787	38901	39084	39255	39429	39518
20.0	33872	33582	33506	33600	33852	34246	34673	35103	35501	35782
22.5	28254	28024	28022	28740	29495	30125	30592	30918	31144	31296
25.0	22761	23475	24440	25290	25940	26398	26658	26772	26788	26743
27.5	19558	20572	21466	22032	22075	22116	22151	22211	22299	22369
30.0	17151	17895	17867	17792	17676	17587	17565	17633	17811	18035
32.5	14537	14386	14143	13787	14337	14797	15150	15401	15558	15618
35.0	11673	11276	11717	12208	12638	12960	13176	13282	13304	13267
37.5	9423	9915	10367	10752	10868	10913	10944	10972	11003	11030
40.0	8378	8794	8912	8875	8811	8733	8667	8654	8702	8808
42.5	7444	7375	7242	7057	7166	7355	7496	7595	7650	7670
45.0	6154	5967	5994	6200	6369	6493	6568	6599	6598	6578
47.5	4994	5164	5347	5501	5546	5552	5545	5539	5536	5536
50.0	4443	4602	4655	4631	4601	4554	4507	4478	4475	4499
52.5	3961	3907	3840	3764	3815	3873	3908	3927	3932	3927
55.0	3290	3185	3217	3306	3366	3395	3404	3400	3389	3375
57.5	2680	2779	2854	2906	2901	2882	2865	2853	2847	2846
60.0	2394	2466	2454	2426	2389	2350	2320	2305	2305	2319
62.5	2096	2065	2016	1966	1991	2012	2028	2038	2042	2043
65.0	1733	1695	1727	1750	1765	1775	1781	1782	1779	1777
67.5	1474	1506	1528	1532	1527	1523	1521	1518	1516	1517
70.0	1301	1304	1297	1285	1273	1265	1258	1254	1253	1258
72.5	1082	1072	1059	1066	1070	1076	1079	1079	1079	1082
75.0	876.1	892.7	903.1	907.1	907.7	909.5	910.6	907.4	905.9	907.2
77.5	735.3	743.4	743.9	740.9	737.2	735.8	736.6	734.0	731.8	735.3
80.0	580.8	572.6	569.4	566.4	562.6	560.4	562.0	560.6	557.8	563.6
82.5	408.8	372.2	347.7	327.6	310.0	296.4	288.4	282.2	278.9	283.7
85.0	129.9	98.61	73.22	51.48	33.22	18.82	8.462	2.121	0	2.133

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:09 January 2023

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	54396	54426	54465	54505	54536	54579	54631	54695	54769	54846
5.0	53271	53239	53213	53201	53185	53201	53224	53266	53344	53447
7.5	52127	52115	52050	51966	51835	51678	51502	51296	51158	51227
10.0	51076	51095	51036	50898	50694	50405	50060	49677	49239	48803
12.5	47314	47463	47655	47914	48265	48721	48657	48007	47317	46604
15.0	43250	43235	43256	43326	43512	43830	44300	44958	45356	44274
17.5	39554	39476	39303	39001	38634	38612	38954	39512	40282	41266
20.0	35948	35974	35824	35498	35050	34468	33839	33804	34465	35402
22.5	31414	31519	31613	31709	31604	30921	30171	29298	28456	29342
25.0	26703	26662	26662	26702	26767	26872	26772	25768	24677	23560
27.5	22417	22380	22222	21913	21921	22109	22308	22495	21504	20312
30.0	18280	18477	18557	18488	18256	17813	17980	18295	18581	17633
32.5	15616	15564	15472	15344	15357	15128	14709	14597	15026	15408
35.0	13207	13135	13063	12985	12913	12811	12574	12143	11989	12469
37.5	11036	10994	10867	10716	10724	10740	10732	10483	10024	10025
40.0	8944	9060	9110	9064	8923	8796	8907	8990	8728	8258
42.5	7665	7640	7597	7582	7588	7471	7252	7421	7566	7230
45.0	6552	6523	6495	6468	6436	6399	6280	6067	6239	6388
47.5	5532	5514	5471	5423	5431	5438	5431	5293	5077	5308
50.0	4541	4586	4616	4613	4558	4522	4574	4620	4465	4336
52.5	3913	3895	3873	3869	3890	3847	3764	3861	3948	3747
55.0	3361	3350	3341	3330	3308	3284	3252	3180	3287	3329
57.5	2848	2849	2841	2819	2817	2805	2787	2758	2685	2800
60.0	2346	2378	2403	2412	2394	2357	2365	2368	2339	2271
62.5	2044	2043	2037	2028	2044	2036	2036	1999	2018	1988
65.0	1777	1777	1773	1766	1755	1745	1738	1708	1692	1733
67.5	1522	1527	1525	1512	1500	1494	1494	1495	1465	1442
70.0	1270	1285	1296	1296	1286	1268	1253	1264	1281	1253
72.5	1085	1091	1095	1092	1085	1080	1069	1052	1053	1080
75.0	908.9	912.2	913.6	910.1	904.3	898.9	894.8	888.5	876.0	856.7
77.5	737.5	739.4	741.5	737.7	729.6	721.1	717.1	716.0	719.4	713.7
80.0	566.7	568.3	574.7	576.6	573.9	569.5	561.0	551.4	548.2	548.8
82.5	290.9	301.1	318.4	337.7	358.3	382.3	407.1	412.2	412.8	398.3
85.0	8.539	19.13	34.14	53.08	75.45	101.2	129.3	159.7	197.0	229.7
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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	54924	55012	55109	55213	55323	55438	55557	55677	55802	55932
5.0	53566	53722	53910	54128	54372	54639	54923	55214	55513	55817
7.5	51348	51548	51817	52133	52517	52960	53454	52774	52147	51582
10.0	48368	48563	48874	49308	49853	50499	51234	50249	49354	48564
12.5	45870	45141	45155	45705	46411	47276	48285	46968	45799	44794
15.0	43171	42098	41107	41442	42318	43426	44739	43069	41600	40360
17.5	40293	38782	37303	36460	37561	38949	40611	38565	36788	35290
20.0	36504	35168	33290	31596	32289	33936	35919	33566	31538	30417
22.5	30388	31479	29218	27301	27031	28741	30780	28399	26334	26157
25.0	24612	25726	25406	23392	22213	23934	25985	23632	21597	22320
27.5	19600	20701	21848	19953	18281	19679	21540	19418	17737	18978
30.0	16457	16504	17578	17019	15430	16150	17832	15948	14957	16149
32.5	14265	13190	14153	14581	13116	13323	14761	13126	12692	13830
35.0	12500	11456	11442	12409	11195	11026	12292	10872	10814	11751
37.5	10520	10010	9258	10096	9602	9196	10315	9072	9290	9624
40.0	8543	8835	7955	8303	8292	7711	8693	7613	8034	7955
42.5	6894	7411	6999	6843	7199	6497	7387	6425	6989	6599
45.0	5947	6047	6200	5647	6273	5491	6291	5438	6113	5488
47.5	5264	4915	5402	4859	5286	4759	5389	4723	5181	4750
50.0	4571	4306	4446	4308	4424	4149	4623	4126	4367	4235
52.5	3758	3850	3641	3848	3716	3632	3992	3619	3692	3804
55.0	3111	3325	3099	3412	3093	3164	3452	3160	3089	3394
57.5	2761	2693	2759	2788	2576	2743	2952	2742	2578	2789
60.0	2407	2268	2415	2256	2289	2392	2514	2390	2289	2260
62.5	1967	2044	1969	1944	2049	2095	2150	2091	2048	1946
65.0	1688	1732	1672	1763	1817	1801	1845	1793	1813	1765
67.5	1498	1424	1530	1491	1483	1504	1588	1494	1477	1496
70.0	1231	1281	1247	1206	1206	1236	1360	1229	1202	1212
72.5	1062	1048	1052	1109	1097	1004	1155	1006	1099	1121
75.0	891.8	877.4	887.7	847.6	863.4	892.8	962.3	899.8	876.1	863.7
77.5	690.9	714.6	693.4	729.2	706.3	728.7	780.9	740.7	725.5	747.5

H (β) Range:-90 - 90DEG

H (β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:09 January 2023

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	553.5	543.3	543.9	512.0	501.4	510.7	608.1	519.9	516.4	534.2
82.5	368.0	382.9	407.8	382.4	387.6	379.0	464.0	379.3	391.4	404.7
85.0	241.2	209.5	195.9	228.5	209.8	135.0	316.7	161.8	208.3	260.3
87.5	0	29.40	43.30	46.14	36.15	31.94	106.0	39.70	37.34	53.43
90.0	0	0	0	0	0	0	5.352	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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	54870	54717	54576	54447	54321	54203	54100	54011	53937	53879
5.0	53421	53119	52855	52634	52436	52270	52148	52054	51975	51937
7.5	51087	50644	50276	49994	49774	49777	49867	49943	50013	50071
10.0	47890	47345	46936	47170	47404	47652	47873	48080	48255	48362
12.5	43950	43645	44086	44557	45024	45478	45904	45825	45318	44914
15.0	39654	40298	41039	41809	42572	42068	41329	40736	40307	40017
17.5	35690	36710	37805	38480	37431	36561	35884	35401	35229	35429
20.0	31582	32932	33863	32681	31666	30857	30731	31119	31426	31642
22.5	27526	29177	28024	26902	25893	26441	27012	27476	27797	27795
25.0	23815	23853	22663	21518	22293	22932	23622	23644	23522	23397
27.5	20407	19195	18034	18447	19265	19895	19668	19443	19232	19190
30.0	16450	15328	15100	15935	16557	16240	15895	15685	15982	16129
32.5	13296	12272	13051	13855	13461	13019	13028	13300	13403	13329
35.0	10786	10648	11414	11294	10805	10851	11124	11235	11287	11341
37.5	8761	9304	9643	9149	9068	9363	9497	9480	9450	9424
40.0	7548	8219	7904	7590	7904	8056	7963	7849	7927	8028
42.5	6660	6952	6449	6667	6876	6733	6570	6723	6795	6770
45.0	5923	5743	5602	5908	5757	5591	5740	5810	5819	5835
47.5	5200	4736	4989	4988	4773	4927	5014	4997	4978	4960
50.0	4337	4184	4376	4155	4241	4347	4286	4227	4244	4276
52.5	3599	3768	3661	3638	3790	3691	3593	3650	3676	3648
55.0	3088	3283	3077	3265	3205	3096	3145	3164	3170	3170
57.5	2759	2690	2752	2777	2663	2717	2735	2734	2726	2712
60.0	2421	2278	2411	2277	2338	2360	2346	2324	2339	2340
62.5	1979	2058	1982	2002	2033	2008	2006	2024	2014	1986
65.0	1685	1748	1707	1752	1714	1734	1758	1750	1743	1739
67.5	1549	1444	1520	1463	1491	1528	1520	1509	1500	1499
70.0	1266	1302	1251	1276	1309	1294	1281	1287	1291	1289
72.5	1071	1070	1082	1102	1077	1078	1093	1099	1094	1090
75.0	906.4	896.6	912.7	877.2	896.8	911.5	915.9	915.1	912.7	909.3
77.5	714.5	735.2	710.4	732.8	737.9	738.8	735.4	733.7	737.0	736.4
80.0	576.0	567.7	572.7	556.6	557.8	574.4	574.6	577.2	577.0	572.2
82.5	457.0	411.5	385.9	391.7	421.8	435.7	415.1	385.8	358.8	334.1
85.0	228.0	240.7	243.2	217.1	201.0	169.6	132.0	102.2	75.56	52.54
87.5	53.73	34.84	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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	53817	53763	53723	53697	53685	53658	53644	53643	53652	53665
5.0	51907	51901	51914	51921	51957	51968	52003	52018	52034	52052
7.5	50101	50131	50125	50108	50089	50035	49996	49969	49929	49921
10.0	48425	48444	48416	48343	48221	48051	47883	47705	47519	47344
12.5	44606	44385	44234	44139	44076	44029	44002	43973	43927	43867
15.0	39858	39785	39782	39837	39932	40011	40074	40128	40135	40080
17.5	35586	35686	35743	35731	35711	35653	35628	35636	35714	35864
20.0	31791	31845	31795	31672	31490	31253	31034	30876	30763	30796
22.5	27719	27661	27622	27587	27534	27428	27261	26990	26599	26111
25.0	23326	23321	23374	23469	23577	23655	23678	23589	23350	22973
27.5	19396	19509	19564	19575	19586	19615	19677	19775	19880	19996
30.0	16149	16046	15896	15716	15595	15563	15623	15768	15989	16224
32.5	13435	13523	13590	13629	13637	13592	13474	13287	13000	12667
35.0	11396	11459	11529	11609	11679	11719	11712	11625	11456	11206
37.5	9545	9644	9689	9706	9714	9732	9766	9808	9851	9845
40.0	8053	8008	7917	7819	7750	7737	7786	7889	8010	8141
42.5	6774	6808	6831	6842	6838	6809	6752	6663	6532	6472
45.0	5850	5865	5884	5905	5926	5934	5926	5886	5809	5690
47.5	4988	5013	5018	5013	5009	5010	5024	5047	5065	5052
50.0	4266	4229	4176	4126	4091	4084	4110	4161	4222	4272
52.5	3633	3635	3637	3636	3629	3615	3596	3567	3524	3490
55.0	3162	3158	3159	3162	3166	3168	3167	3161	3141	3093
57.5	2717	2716	2712	2705	2701	2702	2710	2726	2743	2749
60.0	2322	2297	2272	2250	2235	2235	2249	2274	2306	2334
62.5	1987	1990	1994	1995	1992	1988	1983	1974	1959	1933
65.0	1738	1740	1744	1747	1748	1750	1753	1755	1749	1734
67.5	1503	1507	1508	1506	1504	1506	1513	1522	1529	1531
70.0	1286	1281	1274	1265	1260	1261	1271	1285	1294	1299

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:S

Test Date:09 January 2023

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	1089	1089	1091	1089	1087	1087	1093	1097	1097	1088
75.0	907.8	909.3	913.4	914.1	913.3	915.6	921.9	927.2	929.9	927.1
77.5	736.0	738.5	742.8	741.4	740.2	742.7	747.4	750.6	755.7	758.8
80.0	569.2	570.1	573.1	568.8	567.0	569.8	572.6	572.4	577.7	581.0
82.5	315.0	302.3	294.4	286.3	283.5	286.8	293.9	302.9	318.6	336.3
85.0	33.76	19.19	8.640	2.152	0	2.156	8.627	19.23	34.16	52.86
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	55413	55413	55413	55413	55413	55413	55413	55413	55413	55413
2.5	53669	53685	53710	53746	53791	53840	53890	53951	54022	54105
5.0	52050	52062	52065	52068	52087	52108	52126	52163	52222	52303
7.5	49929	49974	50068	50202	50293	50198	50093	50019	49973	49949
10.0	47207	47111	47097	47166	47282	47502	47822	47613	47375	47193
12.5	43819	43815	43729	43634	43636	43783	44091	44559	44436	44007
15.0	40007	39909	39761	39534	39349	39452	39730	40178	40862	40456
17.5	36152	36186	35904	35555	35201	34807	34891	35327	36063	36614
20.0	30989	31317	31749	31804	31248	30514	29739	30095	30864	31869
22.5	25728	26005	26475	27080	27652	26701	25852	25149	25874	26843
25.0	22422	21776	21366	22016	22656	23377	22366	21342	21185	22138
27.5	19682	19110	18399	17621	18215	19002	19357	18263	17391	18169
30.0	16451	16638	16142	15408	14655	15195	15935	15727	14753	14840
32.5	13100	13441	13719	13551	12824	12135	12886	13579	12661	12217
35.0	10865	10598	11059	11378	11289	10641	10375	11056	10945	10205
37.5	9600	9298	8922	9198	9549	9384	8784	9045	9536	8814
40.0	8237	8222	7915	7584	7773	8114	7758	7380	7984	7658
42.5	6691	6880	7002	6729	6413	6669	6895	6372	6617	6700
45.0	5532	5541	5774	5944	5704	5444	5795	5666	5492	5897
47.5	4940	4793	4653	4906	5095	4820	4793	5074	4641	5049
50.0	4311	4278	4148	4004	4217	4310	4061	4264	4143	4234
52.5	3576	3651	3708	3588	3415	3639	3624	3512	3699	3504
55.0	3018	2997	3099	3190	3055	2963	3191	2991	3180	2917
57.5	2703	2637	2549	2647	2730	2588	2605	2681	2614	2600
60.0	2354	2361	2294	2213	2270	2344	2185	2327	2196	2340
62.5	1967	2003	2027	1996	1922	1968	1990	1905	1989	2014
65.0	1707	1671	1701	1738	1735	1666	1722	1678	1741	1667
67.5	1520	1493	1463	1446	1491	1504	1433	1513	1415	1465
70.0	1301	1302	1298	1271	1240	1273	1290	1238	1275	1325
72.5	1074	1081	1088	1097	1091	1058	1076	1087	1085	1035
75.0	918.1	906.7	889.5	884.8	903.4	923.6	885.9	895.9	887.4	922.1
77.5	759.4	759.2	747.1	731.0	717.6	720.9	748.7	723.6	734.3	690.2
80.0	586.1	588.7	587.8	586.4	585.5	569.7	564.6	582.9	567.5	589.7
82.5	360.5	385.5	410.4	419.6	420.1	412.1	414.2	406.1	397.3	407.7
85.0	75.93	102.1	130.4	160.8	191.5	208.2	204.7	202.5	225.1	200.5
87.5	0	0	0	0	0	0	0	23.20	32.35	26.86
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	55413	55413								
2.5	54198	54301								
5.0	52409	52541								
7.5	49975	50055								
10.0	47079	47045								
12.5	43665	43452								
15.0	39873	39436								
17.5	35651	34895								
20.0	31156	30116								
22.5	26858	25599								
25.0	22832	21486								
27.5	19188	18017								
30.0	15771	15098								
32.5	13000	12772								
35.0	10826	10834								
37.5	9038	9256								
40.0	7586	7948								
42.5	6397	6876								
45.0	5411	5973								
47.5	4715	5099								
50.0	4153	4367								
52.5	3633	3718								
55.0	3184	3130								
57.5	2781	2636								
60.0	2313	2230								
62.5	1925	1892								

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Photometric Data Table [cd]

65.0	1629	1640
67.5	1479	1455
70.0	1326	1294
72.5	1044	1125
75.0	897.9	866.0
77.5	703.1	677.2
80.0	593.9	583.5
82.5	421.1	445.7
85.0	226.3	279.9
87.5	57.04	41.79
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:09 January 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

50% Beam Angle : 45°-H X 47°-V

one-half-peak spread: U:24.7,D:22.6 , L:22.2,R:22.9

TOTAL FLUX : 45009 lm

LOR : 100.0%

AVAILABILITY FLUX : 37635 lm

AVAILABILITY : 83.6%

