

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

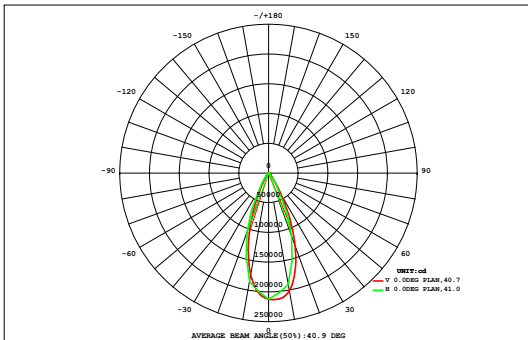
Maximum Intensity (Luminaire orientation as tested.)		1939.4 cd per klm. 0.0 degrees vertical -3.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	68.2V x 65.0H 41.0V x 40.7H 18.6V x 19.2H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	999.3 lumens per klm. 865.0 lumens per klm. 552.6 lumens per klm. 129.3 lumens per klm.
	Upward LOR Downward LOR	0.0 % 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:C
Test Date:13 june 2023

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:480.41V I:1.5534A P:746.27W PF:0.9919 Freq:49.99Hz		
Lamp Flux:109731x1 lm		
NAME: ASD-SPFL5-HV-750D50-L40	TYPE:	
MFR.: ASD LIGHTING CORP	DIM.:	
	SUR.:	



DATA OF LAMP		Eff:147.04lm/W	
MODEL:SPFL5-HV-750D50-L40	Imax (cd)	212810	
NOMINAL POWER (W)	750	AVAILABILITY (%)	87.4
RATED VOLTAGE (V)	480	Avai. FLUX (lm)	95948
NOMINAL FLUX (lm)	109731	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	109731
TEST VOLTAGE (V)	480	θ @50% (H, V)	41,41DEG

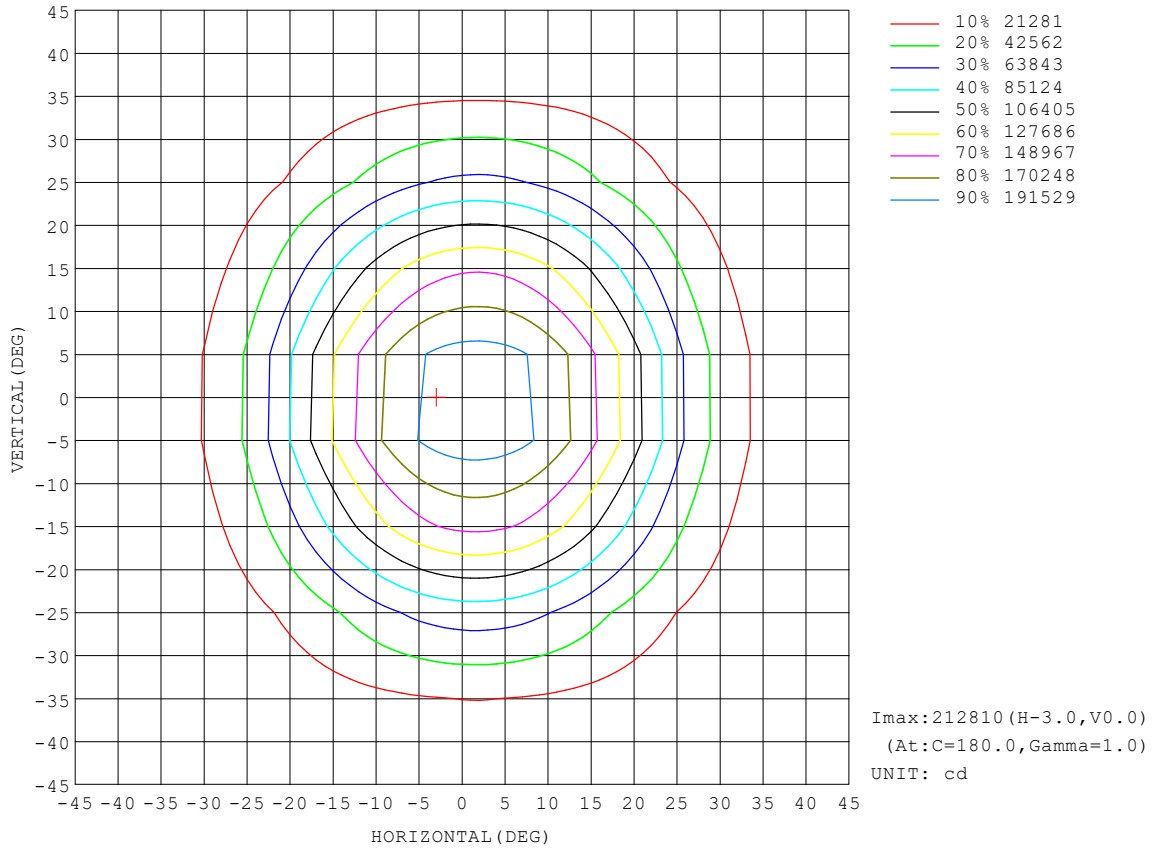
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
	11.1	14.2	17.8	22.2	27.5	33.7	40.0	45.5	49.1	50.2	48.4	44.2	38.4	32.0	26.0	21.1	17.0	13.6	552	0.00		
45	16.2	20.6	26.1	33.4	42.3	51.7	59.9	65.6	67.5	65.0	58.8	50.2	40.8	32.2	25.3	20.0	15.8	12.4	704	0.00		
40	14.6	19.9	28.0	40.1	57.3	81.8	114	150	177	186	173	145	109	77.9	54.5	38.0	26.5	19.0	1512	514		
35	22.6	33.4	50.6	75.1	110	159	214	257	272	253	209	153	104	70.4	47.5	31.6	21.7	15.9	2100	1365		
30	18.6	28.5	46.0	79.6	147	252	391	533	633	667	627	518	370	232	132	73.9	43.9	27.1	4821	4354		
25	34.7	59.2	105	203	362	573	784	923	963	898	737	517	316	168	85.7	49.1	29.8	19.0	6826	6391		
20	21.6	36.2	66.2	135	283	520	787	1036	1212	1282	1237	1079	830	544	293	141	69.1	38.1	9610	9257		
15	46.5	89.3	193	412	750	1098	1373	1545	1587	1497	1287	990	648	333	151	67.5	37.6	22.2	12125	11797		
10	23.0	38.8	71.8	164	369	697	1043	1339	1522	1590	1565	1405	1127	784	432	200	88.4	45.3	12505	12187		
5	53.2	108	255	536	926	1279	1560	1688	1683	1619	1420	1090	722	368	153	64.0	35.9	21.5	13580	13292		
0	20.4	31.7	49.1	117	299	617	953	1260	1457	1515	1482	1332	1068	747	417	195	86.6	44.5	11692	11388		
-5	45.8	87.3	191	400	710	1012	1255	1405	1437	1343	1125	833	512	231	93.4	43.6	29.3	18.9	10773	10455		
-10	17.2	25.2	33.6	61.4	144	331	572	805	974	1047	1019	892	695	471	262	130	64.3	35.9	7579	7247		
-15	33.6	56.5	99.9	187	322	491	652	742	748	669	515	317	150	64.9	32.9	24.5	19.9	14.8	5140	4757		
-20	14.1	18.8	25.3	33.3	56.7	103	190	299	388	436	435	386	295	196	117	66.5	40.1	25.3	3125	2648		
-25	21.2	30.7	44.7	62.3	81.7	105	124	130	119	96.8	68.0	44.2	28.5	21.8	19.4	18.0	15.0	12.6	1043	297		
-30	12.0	14.9	18.8	24.4	31.9	42.1	59.2	82.5	106	121	123	110	88.6	64.7	46.3	33.4	24.0	17.4	1021	0.00		
-35	14.8	18.5	22.6	27.4	32.2	34.5	32.1	26.8	22.6	19.8	17.6	16.0	15.2	14.9	14.3	13.4	12.0	10.1	365	0.00		
-40	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45					
Φ t	441	732	1345	2612	4751	7480	10203	12333	13416	13355	12148	9924	7158	4453	2400	1230	677	414	105072	---		
Φ a	0.00	40.7	627	1981	4200	7022	9789	11951	13085	13022	11815	9457	6700	4016	1710	527	5.30	0.00	---	95948		

one-half-peak spread: U:21.2,D:20.1 , L:19.9,R:21.1 NEMA Beam Type: Type 4

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-2000B_V1 SYSTEM V2.00.446
Temperature:25.3DEG	Humidity:65.0%
Operators:C	Test Distance:8.000m [K=1.0000]
Test Date:13 june 2023	Remarks:

ISOCANDELA DIAGRAM

Test:U:480.41V I:1.5534A P:746.27W PF:0.9919 Freq:49.99Hz Lamp Flux:109731x1 lm		
NAME: ASD-SPFL5-HV-750D50-L40	TYPE:	
MFR.: ASD LIGHTING CORP	DIM.:	
	SUR.:	

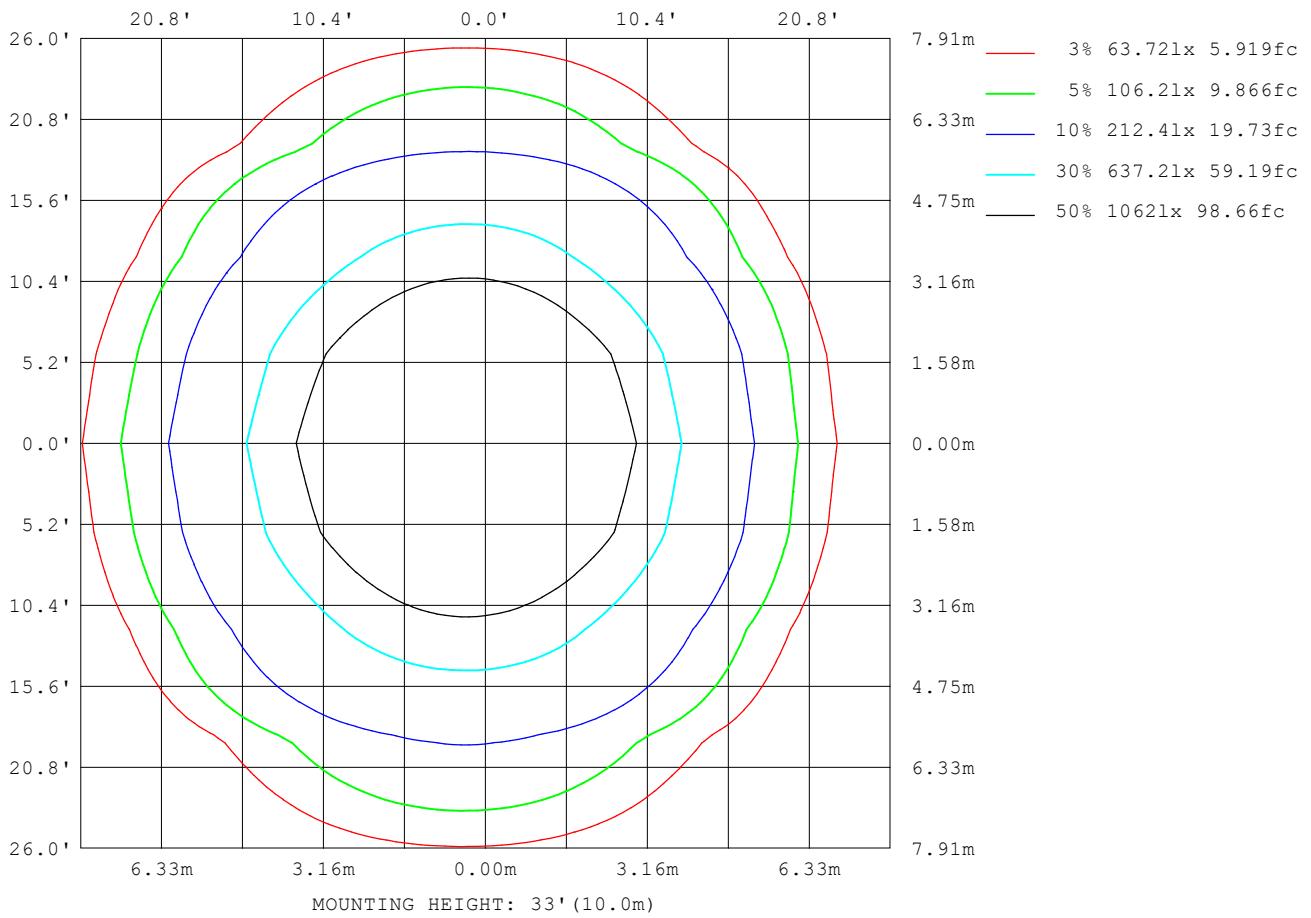


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 june 2023

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

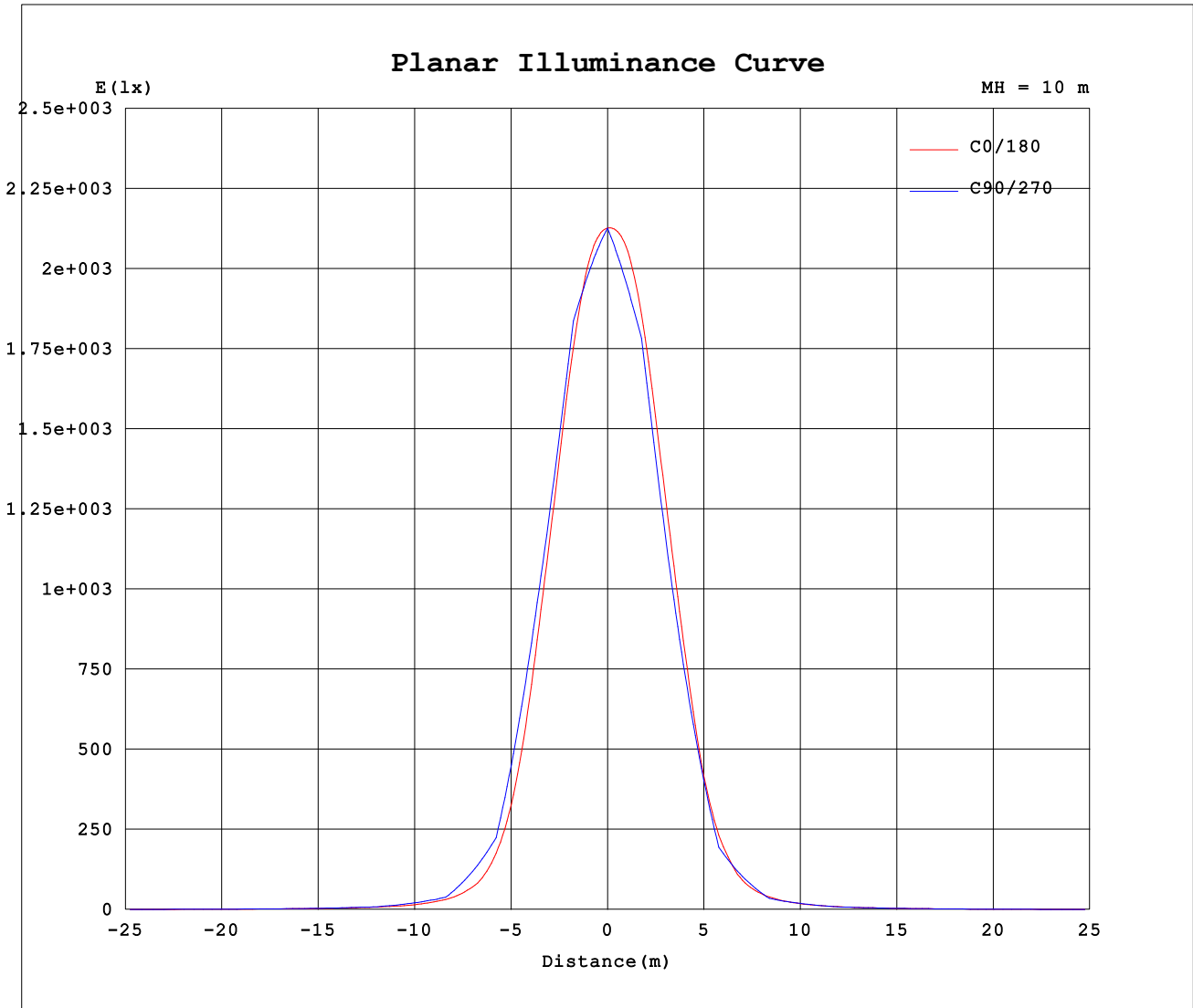
Test:U:480.41V I:1.5534A P:746.27W PF:0.9919 Freq:49.99Hz Lamp Flux:109731x1 lm		
NAME: ASD-SPFL5-HV-750D50-L40	TYPE:	
MFR.: ASD LIGHTING CORP	DIM.:	
	SUR.:	



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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



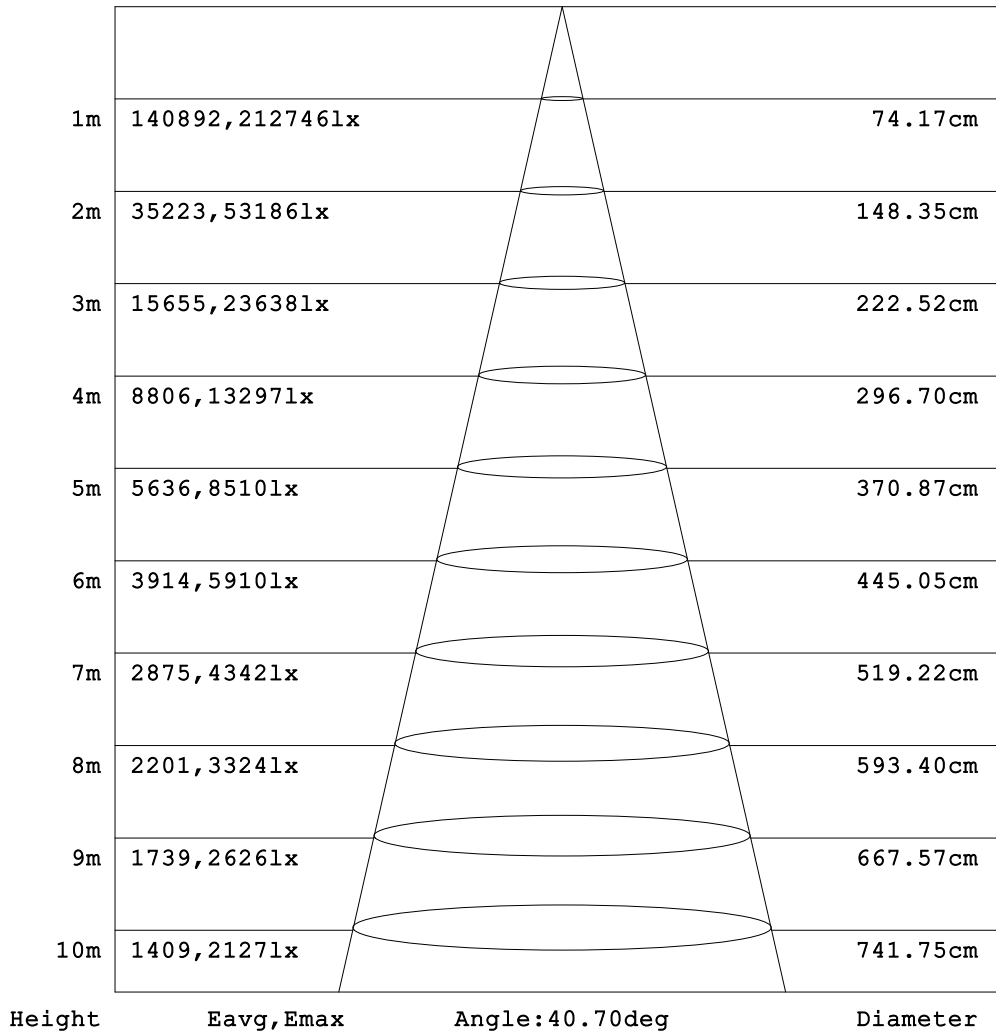
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 june 2023

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:480.41V I:1.5534A P:746.27W PF:0.9919 Freq:49.99Hz Lamp Flux:109731x1 lm		
NAME: ASD-SPFL5-HV-750D50-L40	TYPE:	
MFR.: ASD LIGHTING CORP	DIM.:	
	SUR.:	

Flux out:61875 lm



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:13 june 2023

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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	210994	210586	210201	209845	209518	209224	208964	208740	208518	208307
5.0	206487	205716	205036	204451	203963	203574	203287	203103	202926	202786
7.5	197341	196388	195698	195262	195073	194962	195010	195245	195486	195426
10.0	183712	182758	182242	182142	182435	183098	183838	183494	183467	183861
12.5	166300	165589	165584	166229	167303	167918	167425	167537	168173	169315
15.0	145678	145436	146105	147608	149140	148268	148222	148899	150397	151132
17.5	124399	124491	125729	128028	127490	127030	127605	128694	129135	130102
20.0	101362	102085	104182	106173	104588	104318	105384	106744	108209	109740
22.5	78012	79329	82208	82610	81334	81441	83352	85626	88117	87027
25.0	56783	58376	61543	60295	59213	60659	63778	66848	65383	63995
27.5	39683	41401	44064	42399	41529	43938	47280	47101	45443	44144
30.0	27134	28694	30168	28847	29226	31497	32523	31237	30162	33308
32.5	18246	19575	20184	19239	20353	22429	21359	19680	22341	24902
35.0	12783	13634	13755	13229	14454	14994	13944	14610	16584	17484
37.5	9398	10105	9944	9795	10661	10306	10019	11161	11891	11559
40.0	7096	7628	7417	7535	7898	7431	7874	8516	8320	8006
42.5	5534	5964	5698	5937	5923	5801	6330	6275	6065	6555
45.0	4383	4739	4463	4764	4548	4727	4927	4682	5032	5351
47.5	3611	3828	3677	3858	3666	3955	3860	3930	4220	4163
50.0	3071	3215	3143	3187	3165	3273	3193	3387	3404	3231
52.5	2678	2773	2756	2713	2789	2756	2820	2871	2767	2880
55.0	2359	2428	2442	2357	2448	2402	2491	2426	2475	2562
57.5	2081	2130	2164	2101	2113	2144	2127	2140	2210	2204
60.0	1822	1855	1867	1871	1825	1870	1832	1909	1898	1898
62.5	1582	1600	1586	1615	1606	1571	1622	1626	1628	1673
65.0	1362	1378	1342	1347	1377	1354	1385	1376	1424	1432
67.5	1169	1191	1169	1145	1116	1172	1145	1194	1197	1178
70.0	989.6	1023	999.5	976.6	952.4	944.6	982.1	983.5	974.7	1003
72.5	825.8	860.9	780.5	749.2	774.7	786.3	790.0	791.4	821.5	833.5
75.0	679.0	670.7	627.7	615.5	604.0	618.4	621.3	652.9	652.5	648.3
77.5	544.9	513.6	460.6	443.3	465.1	468.0	489.0	485.3	491.7	507.9
80.0	423.2	388.9	334.3	330.6	329.3	341.7	340.0	358.7	372.8	377.9
82.5	318.1	226.2	180.8	197.8	209.1	223.8	238.3	240.8	241.3	239.2
85.0	230.6	94.23	85.99	98.02	123.3	123.3	119.9	112.9	102.2	88.81
87.5	173.6	27.91	35.70	34.65	28.38	16.19	0	0	0	0
90.0	166.8	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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	208131	207991	207887	207821	207740	207675	207646	207655	207702	207715
5.0	202735	202708	202657	202686	202666	202670	202695	202673	202724	202667
7.5	195369	195431	195639	195940	196256	196664	196972	197265	197542	197607
10.0	184429	185311	186412	187508	188656	189790	190836	191718	192361	192647
12.5	170888	171895	172029	172376	172542	172736	172976	173257	173573	173537
15.0	151552	152034	152615	153196	153658	153907	154022	154096	154153	154031
17.5	131416	132597	133119	133060	133281	133571	134029	134373	134806	134982
20.0	110212	110002	110186	110697	111525	112574	113593	114561	115459	116068
22.5	86219	86173	86951	89239	91397	92993	94112	94816	95326	95665
25.0	63041	65830	69210	71878	73569	74552	75052	75167	75194	75126
27.5	47769	51272	54014	55590	55626	55340	55042	54855	54903	55100
30.0	36272	38525	38709	38145	37093	35953	35018	34556	34612	35189
32.5	26037	25578	24328	22154	24049	25742	26945	27760	28125	28082
35.0	16914	15028	16214	17886	19291	20438	21162	21550	21639	21485
37.5	10702	11789	12944	14107	14694	15007	15096	15105	15108	15126
40.0	8681	9447	9904	10100	9959	9559	9058	8672	8578	8812
42.5	7019	7101	6959	6494	6545	6835	7061	7213	7295	7296
45.0	5301	5042	5034	5346	5590	5780	5912	5985	6012	5996
47.5	3883	4107	4348	4554	4652	4695	4712	4716	4722	4731
50.0	3397	3579	3686	3710	3671	3595	3512	3449	3431	3472
52.5	3003	3036	3010	2910	2919	2974	3022	3053	3067	3065
55.0	2565	2524	2523	2570	2611	2650	2681	2698	2702	2697
57.5	2180	2219	2252	2284	2299	2314	2325	2332	2336	2336
60.0	1936	1966	1968	1971	1971	1970	1968	1967	1971	1977
62.5	1690	1682	1671	1666	1689	1708	1721	1730	1734	1735
65.0	1420	1414	1438	1460	1476	1488	1495	1498	1498	1497
67.5	1201	1227	1244	1255	1258	1261	1262	1262	1262	1263
70.0	1027	1035	1036	1036	1034	1031	1028	1026	1025	1029
72.5	834.3	832.0	826.4	839.3	849.8	856.7	861.4	863.7	863.7	865.0
75.0	654.6	670.1	681.9	691.0	697.7	701.4	703.2	703.6	702.3	703.1
77.5	521.3	531.8	536.6	539.9	542.1	542.5	542.3	542.1	540.8	542.3
80.0	381.2	383.6	384.5	384.8	384.5	382.8	381.3	380.5	379.3	381.5
82.5	236.2	229.5	221.7	213.8	206.4	199.5	194.3	191.2	189.7	191.7
85.0	74.90	60.68	46.64	33.60	22.12	12.67	5.701	1.437	0	1.441

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	207767	207858	207988	208139	208285	208474	208705	208976	209285	209615
5.0	202690	202669	202685	202750	202798	202965	203154	203417	203820	204308
7.5	197622	197560	197306	197043	196669	196254	195837	195377	195147	195466
10.0	192623	192306	191735	190958	190020	188836	187581	186342	185006	183851
12.5	173887	174358	175021	175922	177090	178553	178068	175604	173178	170881
15.0	153935	153958	154150	154446	154979	155865	157227	159080	160000	156373
17.5	135050	134783	134407	133611	132586	132502	133292	134626	136670	139516
20.0	116338	116294	115847	114882	113538	111980	110186	109701	111404	113994
22.5	95850	96036	96088	95862	95194	93189	90707	88337	86645	88942
25.0	75090	75188	75160	75091	74872	73996	72139	69778	67492	65158
27.5	55414	55752	55722	55407	55157	54721	54065	52978	50728	48383
30.0	36164	37356	38408	39168	39024	38283	38196	37825	37058	35233
32.5	27667	26919	25743	24388	24388	26493	26119	25881	25911	25234
35.0	21164	20617	19872	18895	17736	16830	17845	17794	17391	17367
37.5	15131	14964	14591	13928	13382	12701	12052	12399	12152	11987
40.0	9296	9819	10169	10183	9872	9512	9265	8943	8944	8636
42.5	7234	7114	6935	6940	7249	7227	6979	6941	6808	6677
45.0	5953	5877	5772	5633	5437	5421	5471	5346	5352	5262
47.5	4741	4730	4687	4607	4521	4385	4250	4311	4205	4218
50.0	3558	3653	3733	3758	3722	3649	3585	3506	3511	3434
52.5	3051	3021	2986	2987	3074	3077	3017	3006	2990	2935
55.0	2684	2663	2638	2611	2587	2599	2613	2571	2579	2584
57.5	2333	2323	2305	2281	2270	2265	2260	2255	2214	2244
60.0	1988	1997	1998	1991	1978	1963	1966	1968	1948	1910
62.5	1734	1729	1722	1713	1713	1708	1693	1688	1692	1666
65.0	1496	1493	1488	1482	1474	1466	1462	1444	1430	1436
67.5	1265	1264	1261	1256	1249	1247	1243	1234	1216	1196
70.0	1035	1040	1044	1046	1044	1039	1030	1029	1030	1009
72.5	864.8	862.6	858.7	853.1	846.3	849.8	845.9	836.9	832.9	836.3
75.0	702.5	700.9	698.4	694.4	689.4	683.5	675.4	670.6	664.1	649.4
77.5	543.2	543.3	542.6	540.2	535.8	529.8	524.5	519.4	513.7	505.7
80.0	384.2	386.9	389.7	391.1	390.8	388.8	384.3	378.2	372.1	368.5
82.5	195.9	202.1	210.2	219.3	229.0	238.8	247.9	250.0	248.9	244.3
85.0	5.749	12.83	22.52	34.47	48.19	63.15	78.62	93.89	109.1	122.2
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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	209955	210333	210742	211180	211640	212118	212609	211984	211372	210781
5.0	204853	205540	206358	207293	208329	209448	210631	209174	207783	206479
7.5	195957	196788	197905	199210	200810	202670	204754	202269	200011	198022
10.0	182803	183516	184657	186360	188584	191285	194410	190750	187516	184762
12.5	168750	169922	167244	169204	171814	175180	179258	174571	170598	167389
15.0	153022	149981	147515	148801	151747	155643	160477	154942	150342	146686
17.5	136425	132188	128592	126893	130074	134464	140069	133722	128598	124686
20.0	117347	113685	108759	104765	106741	111475	117659	110668	105108	102265
22.5	91802	94784	88535	83592	83177	88281	95001	87512	81613	81134
25.0	67602	70155	68790	63293	60562	65249	71454	64636	59279	61034
27.5	46953	49160	51420	46515	42749	46284	51430	45785	41703	44721
30.0	32985	33060	34971	33389	30104	31803	35777	31464	29326	31916
32.5	23411	21711	23255	23595	20914	21692	24944	21451	20345	22575
35.0	16748	15430	15452	16439	14686	14632	16597	14550	14390	15745
37.5	12086	11436	10683	11489	10865	10508	11865	10409	10659	11248
40.0	8794	8850	8102	8382	8305	7845	8795	7775	8136	8135
42.5	6474	6785	6416	6299	6530	6022	6765	5968	6394	6129
45.0	5093	5168	5183	4824	5197	4691	5260	4653	5102	4712
47.5	4148	4010	4215	3909	4122	3833	4204	3808	4055	3830
50.0	3457	3358	3415	3330	3372	3243	3469	3222	3337	3280
52.5	2915	2914	2851	2917	2855	2816	2981	2799	2821	2883
55.0	2497	2541	2468	2579	2454	2470	2580	2457	2432	2545
57.5	2227	2177	2195	2208	2128	2177	2259	2163	2106	2180
60.0	1961	1889	1935	1870	1883	1912	1967	1900	1864	1847
62.5	1650	1679	1626	1611	1658	1664	1694	1651	1640	1591
65.0	1410	1423	1381	1411	1438	1416	1443	1405	1423	1391
67.5	1215	1170	1213	1175	1170	1173	1214	1163	1157	1161
70.0	989.8	1003	978.6	947.7	938.7	949.0	1008	939.9	926.9	930.3
72.5	818.0	803.4	795.1	815.4	798.0	754.3	821.2	743.9	786.5	797.0
75.0	657.4	641.7	637.7	614.0	613.5	625.1	650.6	616.0	601.5	596.6
77.5	492.0	494.6	479.0	486.9	474.5	481.4	497.0	473.1	461.9	469.6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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	363.3	351.2	348.8	327.1	310.5	314.8	357.6	309.4	306.5	312.1
82.5	235.7	233.3	227.8	213.6	191.0	177.5	234.1	192.7	199.0	203.1
85.0	131.9	129.0	121.0	113.5	91.46	66.79	127.3	88.28	100.6	105.7
87.5	0	18.11	32.71	40.28	29.68	23.55	45.22	28.27	29.46	32.21
90.0	0	0	0	0	0	0	5.362	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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	210215	209683	209188	208736	208303	207898	207542	207235	206980	206778
5.0	205282	204210	203280	202504	201801	201202	200760	200417	200122	199969
7.5	196339	194847	193651	192807	192148	192053	192222	192396	192611	192834
10.0	182534	180874	179689	180310	181054	181986	182809	183690	184567	185287
12.5	164820	163858	164996	166453	168178	170140	172212	172305	170572	169225
15.0	144681	146447	148808	151414	154209	152757	150603	149035	147897	147089
17.5	125547	128255	131606	134004	130780	128223	126334	125090	124878	125597
20.0	105405	109567	112428	108667	105594	103248	102994	104140	105246	106170
22.5	85055	90188	87062	83958	81277	82119	83333	84838	86258	87058
25.0	65450	66305	63601	60824	62292	63799	65036	66209	67106	67618
27.5	48706	46274	43873	44723	46226	47465	48482	48954	49107	49303
30.0	33051	31080	30697	32341	33473	34007	34156	34129	34573	34433
32.5	22069	20422	21670	22944	23542	23384	23435	23472	22676	20987
35.0	14717	14547	15492	15918	15861	16174	16049	14844	15486	16391
37.5	10349	10846	11290	11104	11180	11299	10862	11340	11803	12231
40.0	7798	8412	8294	8092	8287	8213	8438	8600	8834	9048
42.5	6183	6476	6155	6281	6342	6441	6430	6589	6571	6283
45.0	5003	4962	4864	4960	5032	5006	5087	4990	4986	5151
47.5	4089	3882	3979	4023	3991	4073	3984	4080	4186	4258
50.0	3338	3268	3342	3303	3362	3343	3392	3435	3487	3517
52.5	2805	2847	2834	2845	2884	2884	2882	2927	2918	2842
55.0	2431	2487	2437	2513	2496	2479	2511	2497	2480	2493
57.5	2162	2135	2174	2184	2147	2179	2181	2180	2177	2182
60.0	1902	1853	1912	1859	1889	1903	1896	1888	1897	1906
62.5	1599	1642	1609	1621	1639	1629	1630	1641	1641	1640
65.0	1356	1390	1374	1395	1382	1392	1405	1406	1409	1415
67.5	1187	1141	1181	1157	1173	1186	1190	1191	1190	1194
70.0	955.0	974.6	957.7	972.5	988.2	984.2	981.9	987.2	989.7	989.5
72.5	772.3	776.5	787.3	800.7	793.9	794.7	800.6	801.1	795.8	800.5
75.0	615.6	615.5	627.3	615.5	626.1	629.8	632.3	637.2	640.7	643.5
77.5	457.7	469.0	462.8	471.8	476.6	480.4	483.4	485.4	488.8	490.8
80.0	327.7	326.0	334.4	336.4	337.0	340.8	344.2	345.3	344.8	342.8
82.5	206.7	209.5	209.5	214.0	215.0	213.6	210.3	203.4	196.0	188.2
85.0	104.4	107.6	106.7	100.5	90.75	79.03	66.71	53.78	41.25	29.57
87.5	25.57	14.36	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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	206583	206419	206306	206244	206232	206199	206215	206279	206389	206524
5.0	199825	199754	199743	199713	199784	199777	199864	199922	200018	200159
7.5	192993	193184	193221	193221	193208	193014	192840	192682	192442	192309
10.0	185929	186436	186743	186809	186632	186127	185450	184621	183685	182729
12.5	168230	167534	167070	166781	166630	166521	166493	166505	166510	166551
15.0	146601	146332	146252	146375	146627	146780	146933	147061	147061	146959
17.5	126147	126405	126567	126537	126533	126313	126196	126056	126112	126303
20.0	106825	107193	107089	106829	106439	105749	105048	104484	103857	103446
22.5	87377	87569	87565	87466	87339	86999	86424	85539	84002	81906
25.0	67834	67911	67981	68048	68240	68398	68397	68120	67229	65731
27.5	49733	49710	49446	49167	49100	49220	49550	50048	50482	50589
30.0	33666	32555	31360	30401	29960	30059	30719	31883	33290	34452
32.5	22184	23186	23881	24277	24399	24165	23529	22624	21296	19703
35.0	17213	17851	18349	18655	18837	18838	18562	18038	17148	15994
37.5	12738	13075	13234	13258	13278	13327	13361	13358	13140	12689
40.0	9018	8732	8298	7904	7718	7823	8182	8653	9018	9189
42.5	6284	6429	6531	6590	6599	6550	6445	6278	6042	6016
45.0	5270	5357	5419	5460	5481	5473	5431	5340	5191	4989
47.5	4323	4361	4367	4362	4359	4364	4375	4378	4353	4279
50.0	3491	3424	3340	3269	3238	3257	3320	3402	3480	3523
52.5	2834	2861	2883	2896	2900	2893	2873	2840	2803	2805
55.0	2509	2527	2544	2556	2562	2562	2553	2534	2510	2483
57.5	2198	2211	2219	2223	2224	2224	2222	2218	2213	2207
60.0	1909	1907	1900	1891	1886	1885	1889	1895	1901	1906
62.5	1646	1652	1655	1657	1657	1655	1650	1643	1630	1613
65.0	1418	1421	1424	1426	1427	1428	1429	1427	1420	1410
67.5	1198	1199	1199	1198	1197	1199	1202	1205	1206	1207
70.0	986.3	981.4	975.2	970.3	967.5	969.4	974.1	980.2	986.2	992.3

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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	804.4	806.9	807.9	808.3	807.8	808.8	809.1	807.7	804.1	798.3
75.0	646.0	647.1	647.8	648.2	648.1	650.3	652.2	653.1	652.5	650.2
77.5	491.8	491.2	490.3	489.4	488.6	490.7	493.1	495.5	497.6	499.3
80.0	340.2	336.5	333.1	330.7	329.1	331.1	333.7	337.2	341.1	345.1
82.5	181.0	174.3	169.2	166.0	164.6	166.2	169.5	174.5	180.8	188.1
85.0	19.39	11.07	4.967	1.248	0	1.249	4.974	11.08	19.37	29.55
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	212680	212680	212680	212680	212680	212680	212680	212680	212680	212680
2.5	206654	206829	207050	207313	207617	207939	208268	208637	209045	209487
5.0	200271	200478	200669	200893	201217	201585	201965	202457	203059	203768
7.5	192193	192185	192337	192632	192944	192989	193067	193337	193771	194291
10.0	181850	181080	180586	180424	180436	180851	181570	181229	180940	181020
12.5	166739	167118	166641	165490	164713	164452	164727	165640	165449	164830
15.0	146889	146818	146735	146627	146347	145480	145402	145944	147298	146237
17.5	126845	126818	126078	125416	125177	125292	124697	124612	125547	126563
20.0	103502	103940	104781	105034	104123	103230	102371	101940	102775	104811
22.5	80135	80130	80883	82436	84180	82455	80859	79361	79708	81401
25.0	63437	60206	58108	60124	62195	64166	61553	58850	57847	59325
27.5	49280	46823	44069	41005	42791	44871	45419	42628	40620	41757
30.0	35137	35176	33534	30901	28074	29609	31281	30578	28569	28412
32.5	21981	23436	24101	23134	20922	18608	20486	21733	19928	18953
35.0	14659	13791	15699	16319	15641	13831	13476	14635	14192	13062
37.5	11776	10884	10004	10888	11266	10696	9729	10081	10484	9698
40.0	9077	8772	8156	7599	7939	8222	7662	7274	7791	7483
42.5	6459	6650	6624	6252	5827	6080	6167	5711	5868	5906
45.0	4733	4764	5049	5130	4858	4550	4827	4668	4510	4745
47.5	4113	3910	3739	4020	4094	3840	3800	3911	3637	3845
50.0	3514	3429	3287	3147	3322	3320	3153	3243	3150	3179
52.5	2899	2932	2915	2814	2713	2826	2791	2739	2779	2705
55.0	2449	2458	2501	2508	2431	2397	2470	2390	2440	2353
57.5	2186	2164	2134	2163	2174	2119	2111	2134	2108	2096
60.0	1911	1916	1896	1866	1871	1891	1818	1864	1821	1864
62.5	1623	1641	1654	1643	1607	1612	1612	1566	1601	1608
65.0	1395	1379	1389	1407	1405	1365	1379	1349	1372	1341
67.5	1203	1193	1173	1157	1180	1183	1141	1168	1118	1138
70.0	997.7	1003	999.4	981.7	959.5	972.6	976.7	943.0	953.6	968.0
72.5	791.0	801.1	807.8	812.0	805.0	780.0	784.1	784.0	774.2	741.4
75.0	646.0	639.1	628.8	626.9	635.4	640.3	614.7	615.4	604.5	613.5
77.5	500.3	499.9	494.3	485.4	473.8	472.5	480.9	464.6	465.4	444.4
80.0	348.4	351.7	353.6	354.3	353.0	344.2	330.7	336.1	327.9	333.2
82.5	195.4	203.3	209.6	215.0	220.8	224.3	226.2	215.8	206.1	205.9
85.0	41.13	53.76	66.49	78.84	90.88	100.1	105.9	113.2	117.5	104.1
87.5	0	0	0	0	0	0	0	14.34	25.47	30.69
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	212680	212680								
2.5	209962	210465								
5.0	204578	205486								
7.5	195053	196066								
10.0	181494	182384								
12.5	164662	165132								
15.0	145199	144985								
17.5	124755	124006								
20.0	103306	101662								
22.5	81398	78932								
25.0	60885	58067								
27.5	43628	41192								
30.0	29875	28554								
32.5	19999	19482								
35.0	13650	13580								
37.5	9893	10077								
40.0	7392	7614								
42.5	5690	5959								
45.0	4461	4738								
47.5	3675	3827								
50.0	3141	3215								
52.5	2754	2773								
55.0	2441	2427								
57.5	2160	2128								
60.0	1859	1851								
62.5	1578	1593								

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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	1326	1367
67.5	1152	1175
70.0	981.2	1002
72.5	760.9	835.7
75.0	611.6	641.7
77.5	449.1	481.0
80.0	332.7	359.1
82.5	201.2	219.4
85.0	104.3	111.8
87.5	36.13	30.00
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:13 june 2023

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:

50% Beam Angle : 41°-H X 41°-V

one-half-peak spread: U:21.2,D:20.1 , L:19.9,R:21.1

TOTAL FLUX : 109731 lm

LOR : 100.0%

AVAILABILITY FLUX : 95948 lm

AVAILABILITY : 87.4%

