

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	5300.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	40.2V x 39.3H
	At 50% of Imax	21.8V x 20.6H
	At 90% of Imax	5.8V x 11.2H

Beam Flux	Total	996.6 lumens per klm.
	To 10% of Imax	736.1 lumens per klm.
	To 50% of Imax	367.5 lumens per klm.
	To 90% of Imax	53.6 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

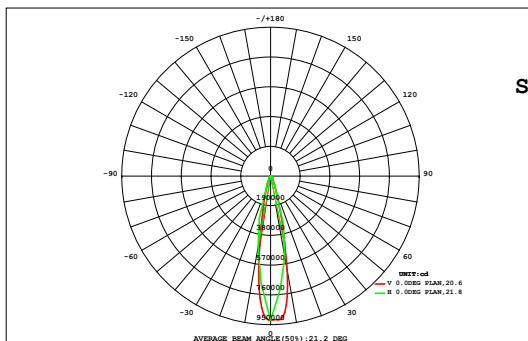
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 2023

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:220.07V I:5.5634A P:1220.5W PF:0.9969 Freq:50.00Hz Lamp Flux:173897x1 lm		
NAME: SP-1200W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



DATA OF LAMP		Eff:142.48lm/W	
SP-1200W-5700K-5050-RA70-20°		Imax(cd)	921781
NOMINAL POWER(W)	1200	AVAILABILITY(%)	75.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	130796
NOMINAL FLUX(lm)	173897	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	173897
TEST VOLTAGE(V)	220	θ @50% (H,V)	21,22DEG

		AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
		38.3	47.8	58.7	70.7	82.9	95.0	106	114	119	118	112	103	91.1	78.1	64.8	52.8	42.6	33.4	1429	0.00		
27	VERTICAL (DEG)	44.3	57.1	71.2	89.1	111	136	161	183	197	200	191	172	149	125	101	81.7	65.4	51.7	2186	0.00		
24		60.1	76.5	96.0	120	150	183	213	238	249	244	225	197	166	135	108	86.1	68.0	52.7	2668	233		
21		77.2	97.3	122	154	192	232	268	294	301	288	258	220	181	142	113	88.9	69.3	52.5	3150	1330		
18		68.5	93.4	130	185	272	391	553	736	886	921	826	651	479	335	229	159	114	82.7	7113	6087		
15		81.3	114	165	248	372	548	780	1031	1205	1207	1044	798	569	389	259	177	124	89.5	9200	8265		
12		114	165	241	380	562	832	1151	1456	1567	1430	1123	804	537	352	228	155	107	77.6	11281	10426		
9		101	146	217	347	554	874	1342	1746	1925	1899	1720	1363	908	560	344	217	142	97.9	14504	13717		
-9		84.3	121	184	299	528	897	1523	2031	2287	2393	2369	1979	1319	791	473	287	182	121	17869	17152		
		136	208	344	587	1026	1766	2464	2735	2711	2690	2353	1609	922	529	312	189	124	85.6	20788	20100		
		132	200	329	561	977	1678	2360	2654	2657	2642	2323	1614	942	545	322	194	127	87.4	20343	19582		
		73.0	101	136	206	317	479	893	1383	1686	1737	1694	1485	1061	666	407	250	161	109	12842	12002		
		87.7	123	173	265	391	555	851	1202	1403	1342	1149	929	670	437	274	179	121	85.6	10237	9298		
		107	152	224	347	502	694	869	1055	1126	936	563	309	225	174	121	95.0	73.9	58.2	7631	6568		
		58.0	76.1	100	135	190	268	375	516	652	718	676	551	419	300	207	142	102	74.3	5559	4388		
		48.5	59.6	71.0	80.3	96.0	115	144	206	298	380	403	355	290	222	163	116	86.7	64.3	3199	1648		
-12		59.8	73.7	88.6	103	111	108	87.7	59.1	36.6	28.5	25.8	26.5	32.4	37.9	46.6	48.7	43.0	35.2	1052	0.00		
-15	43.0	53.1	63.7	73.9	80.5	80.4	81.4	93.6	103	106	102	92.0	79.1	66.3	55.8	51.3	44.0	35.9	1305	0.00			
-18																							
-21																							
-24																							
-27																							
		-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27		
Φ t	1414	1964	2815	4249	6515	9931	14222	17732	19407	19279	17157	13259	9040	5882	3828	2569	1797	1294	152356	---			
Φ a	0.00	142	994	2913	5381	8856	13376	16988	18694	18572	16359	12339	8177	5089	2288	629	0.00	0.00	---	130796			

one-half-peak spread: U:11.8,D:10.2 , L:8.8,R:8.9

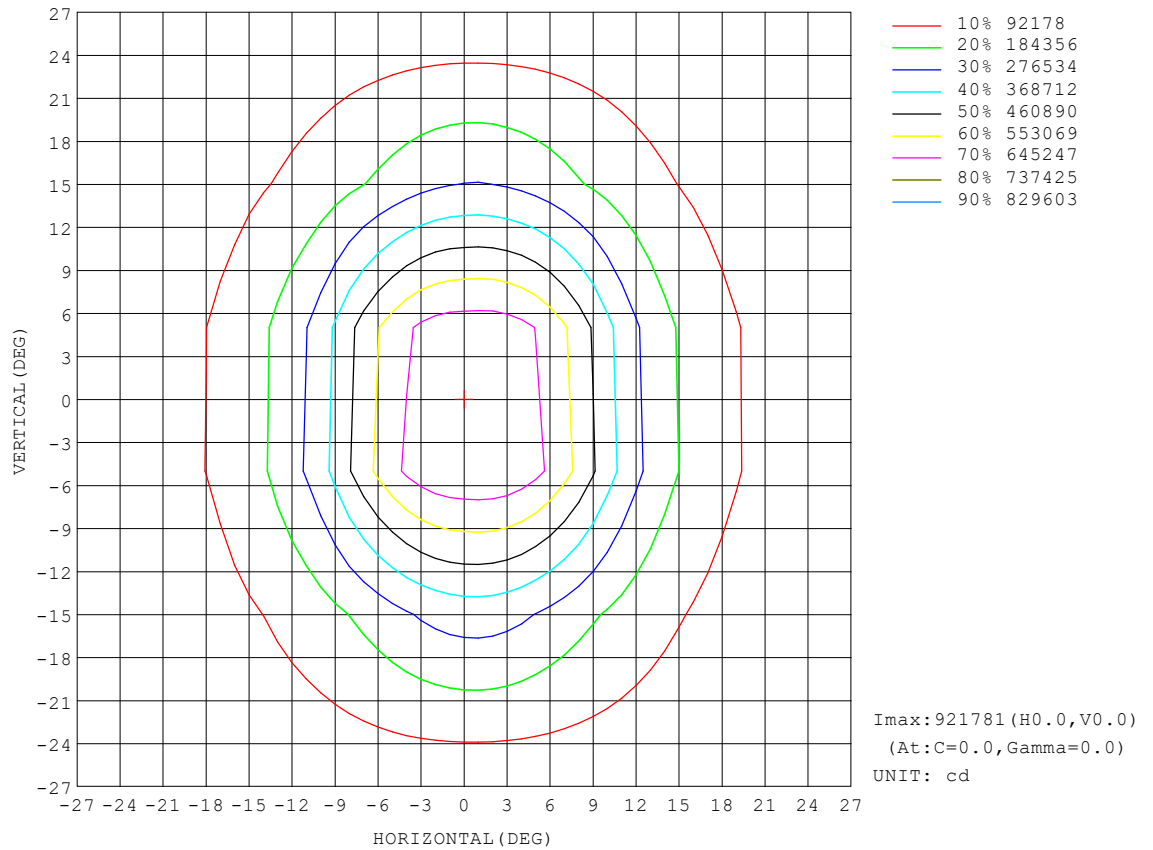
NEMA Beam Type: Type 3

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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:

ISOCANDELA DIAGRAM

Test:U:220.07V I:5.5634A P:1220.5W PF:0.9969 Freq:50.00Hz Lamp Flux:173897x1 lm		
NAME: SP-1200W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

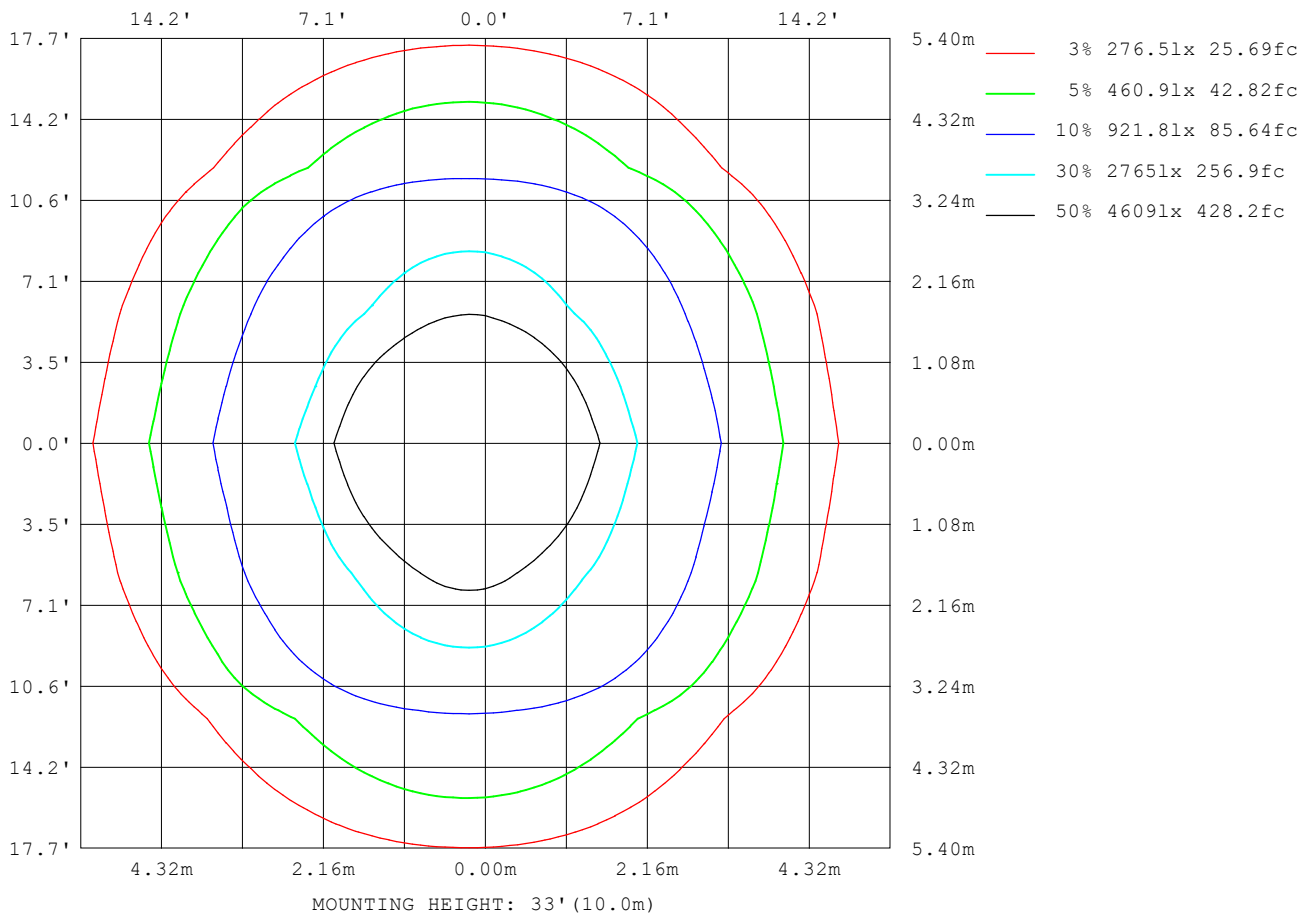


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 2023

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

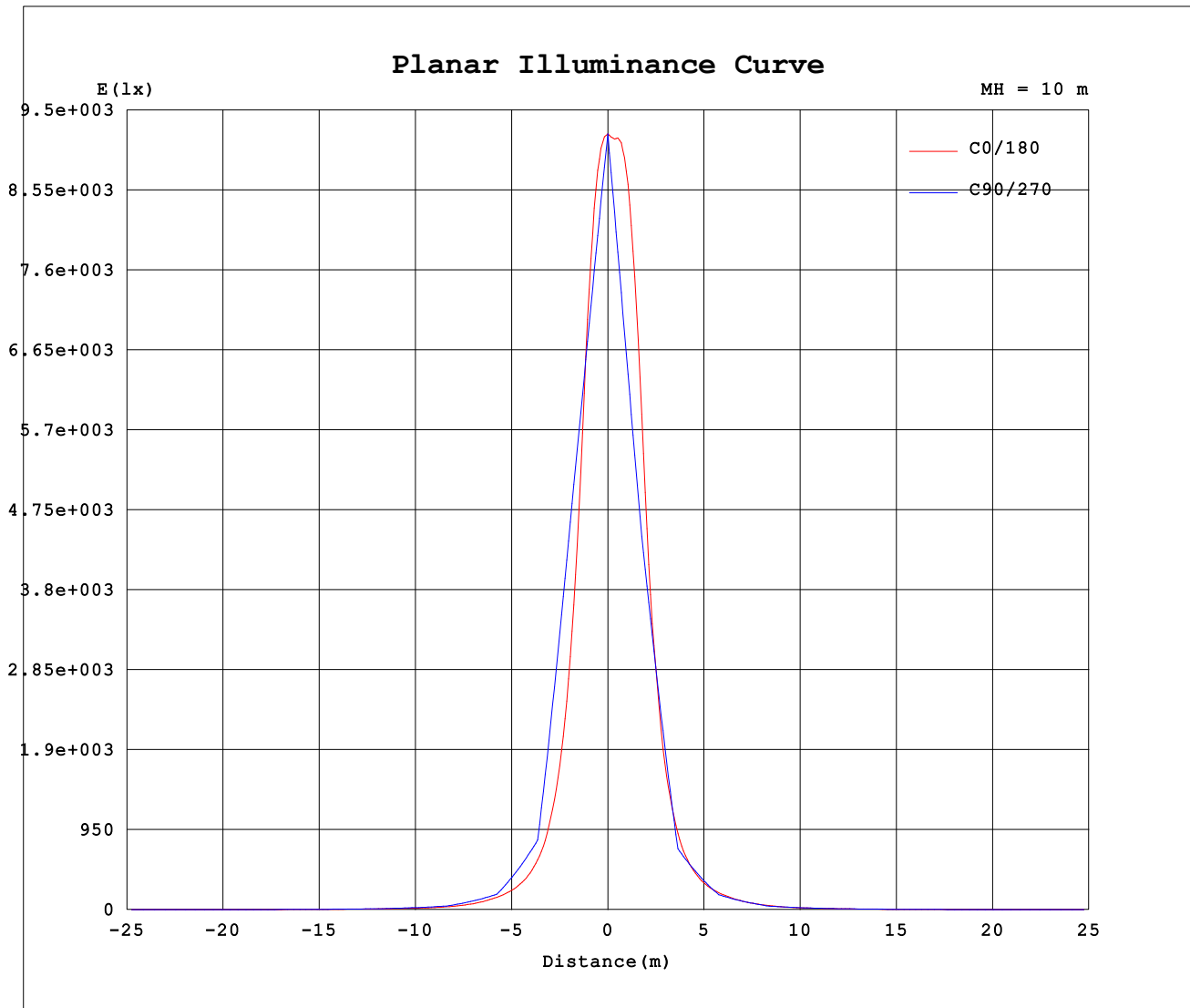
Test:U:220.07V I:5.5634A P:1220.5W PF:0.9969 Freq:50.00Hz Lamp Flux:173897x1 lm		
NAME: SP-1200W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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



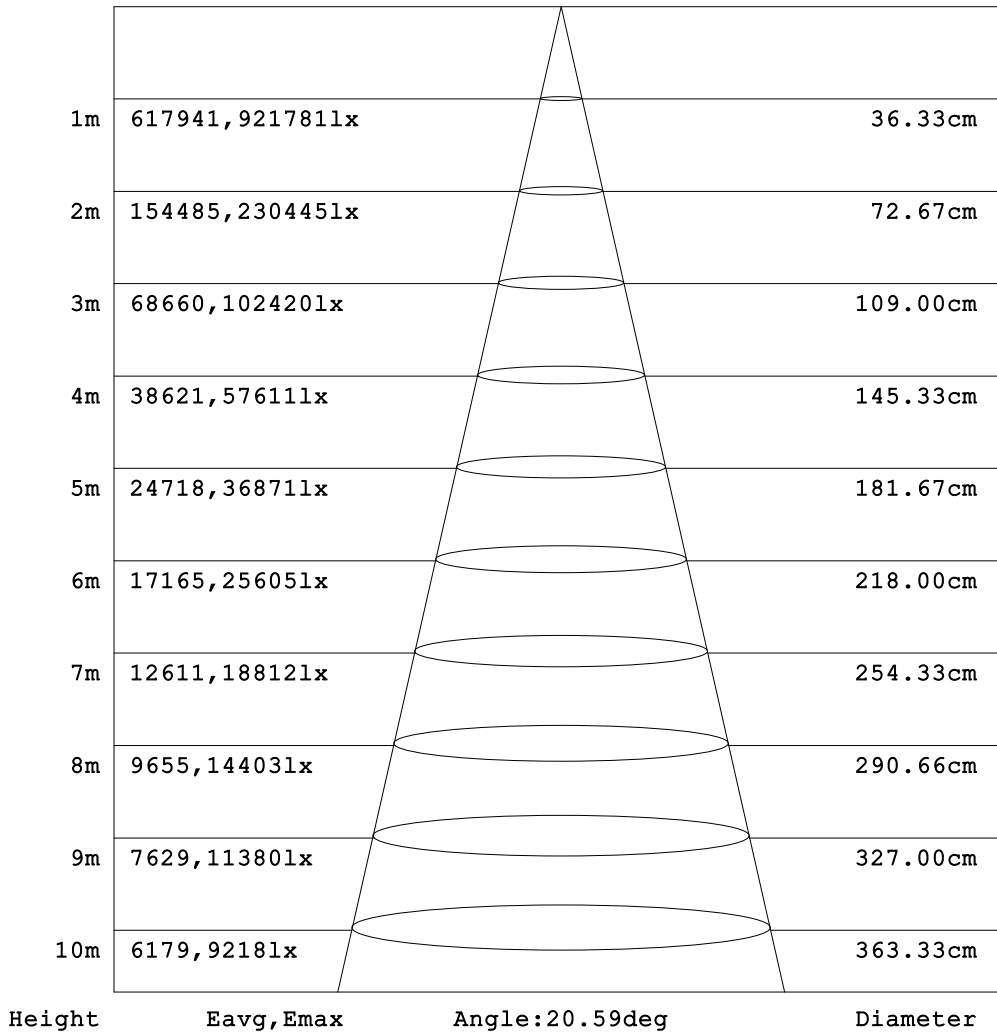
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 2023

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:220.07V I:5.5634A P:1220.5W PF:0.9969 Freq:50.00Hz Lamp Flux:173897x1 lm		
NAME: SP-1200W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

Flux out:66685 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:DAMIN
Test Date:11 April 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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	894067	886720	879850	873476	867614	862280	857491	853262	848746	844219
5.0	782500	773647	766758	761597	757933	755551	754257	753892	752430	750529
7.5	581307	580628	584392	591709	601715	612226	623333	634774	643771	639756
10.0	379063	386825	399645	417039	438508	463558	489307	481726	473829	466854
12.5	243791	253139	266616	284215	307934	323521	317839	313408	309542	305014
15.0	159037	167422	179420	195265	209555	204007	198619	193974	187689	198257
17.5	105291	112352	122082	134821	133308	127460	122046	120185	133570	148446
20.0	71576	76771	84261	90977	86137	80912	78019	87317	99041	112623
22.5	51496	55517	60879	61571	57709	53902	58823	65830	75253	76726
25.0	38201	41340	45654	43776	40829	41412	45778	51343	50558	48784
27.5	29349	31899	34819	32446	30276	32860	36568	36435	34622	31881
30.0	22886	25087	26595	24460	24308	26644	27501	26017	24564	26619
32.5	17519	19676	20212	18310	19421	21660	20078	18520	20336	22190
35.0	13186	15078	15131	13686	15454	15803	14225	15079	16886	17166
37.5	10094	11710	11240	10806	12324	11382	10831	12368	13028	12311
40.0	7763	9055	8388	8531	9268	8070	8928	9835	9283	8954
42.5	6305	7184	6535	6975	6998	6566	7549	7353	6828	7701
45.0	5540	6035	5563	6011	5683	5835	6147	5677	6056	6706
47.5	4861	5323	4954	5218	4882	5281	5114	5096	5416	5414
50.0	4086	4547	4263	4350	4274	4439	4299	4572	4445	4365
52.5	3504	3787	3685	3551	3772	3621	3805	3871	3601	3906
55.0	3116	3257	3268	3013	3256	3102	3366	3161	3266	3508
57.5	2777	2871	2927	2745	2756	2832	2805	2799	2967	2951
60.0	2449	2505	2505	2495	2351	2498	2397	2555	2503	2510
62.5	2156	2160	2100	2144	2123	2051	2183	2159	2143	2263
65.0	1911	1906	1766	1746	1834	1792	1878	1829	1930	1967
67.5	1668	1695	1590	1512	1454	1607	1539	1639	1637	1619
70.0	1460	1507	1403	1346	1296	1280	1379	1370	1338	1418
72.5	1285	1320	1086	1027	1086	1115	1130	1126	1184	1224
75.0	1116	1049	920.0	906.8	873.7	909.3	916.5	983.7	977.9	980.4
77.5	950.1	824.3	702.9	669.7	717.1	722.7	770.4	759.2	773.4	809.2
80.0	783.4	657.1	563.9	554.9	549.0	576.3	567.0	604.9	636.0	650.2
82.5	634.9	400.4	331.0	368.7	393.7	422.7	450.1	454.2	458.7	463.4
85.0	487.5	202.9	202.4	229.1	285.8	282.3	280.7	243.6	210.6	177.4
87.5	338.9	86.92	122.1	116.0	82.46	41.59	0	0	0	0
90.0	314.6	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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	840201	836725	833825	831534	828906	826558	824902	823962	823753	823330
5.0	749269	747243	743677	741015	736966	733075	729926	727111	725726	724715
7.5	631459	624461	620042	618035	617347	619232	620793	623607	627373	629384
10.0	461626	459260	460453	464939	473707	486234	501120	516157	529020	536415
12.5	298922	303464	324707	346852	368354	387810	404091	415968	423196	425212
15.0	216286	235174	254002	273481	291958	306897	316172	319269	317373	310682
17.5	164855	181817	193954	199546	204300	207598	209747	209495	208632	205898
20.0	120578	122095	121201	118153	113961	108472	103066	99694	99891	103517
22.5	75507	71302	63648	63803	68845	73696	77760	80662	82216	82521
25.0	44214	44979	49100	53240	57245	60821	63373	64564	64542	63643
27.5	34465	37549	40943	43652	44883	45771	46294	46486	46463	46197
30.0	28848	30921	31330	31394	30977	30195	29131	28436	28383	29045
32.5	22812	22557	21920	20595	21574	22456	23067	23546	23786	23821
35.0	16436	15340	16406	17350	18101	18682	19044	19214	19190	19050
37.5	11694	12694	13726	14413	14512	14511	14504	14529	14539	14551
40.0	9909	10681	10977	10748	10411	10089	9880	9824	9888	10088
42.5	8460	8294	7920	7271	7386	7813	8209	8494	8618	8633
45.0	6637	6105	5932	6241	6581	6902	7182	7331	7348	7310
47.5	5150	5172	5325	5571	5738	5865	5981	6050	6062	6064
50.0	4581	4629	4673	4704	4734	4752	4756	4765	4775	4829
52.5	4089	3973	3899	3849	3936	4059	4163	4240	4263	4268
55.0	3436	3281	3320	3440	3539	3626	3703	3752	3750	3734
57.5	2852	2909	3004	3090	3123	3149	3186	3225	3235	3228
60.0	2578	2625	2643	2655	2652	2646	2659	2695	2720	2726
62.5	2287	2249	2237	2234	2270	2301	2348	2400	2419	2406
65.0	1930	1899	1950	1994	2016	2036	2077	2116	2117	2094
67.5	1659	1692	1734	1754	1748	1748	1775	1807	1817	1801
70.0	1463	1465	1475	1479	1463	1452	1470	1498	1516	1510
72.5	1217	1204	1206	1233	1236	1242	1270	1298	1308	1300
75.0	986.6	1006	1034	1052	1055	1060	1084	1102	1101	1092
77.5	828.6	844.0	858.5	862.9	864.0	866.8	883.0	896.4	894.4	892.2
80.0	651.1	654.1	660.4	663.7	667.1	671.2	680.5	691.0	688.2	692.5
82.5	454.0	427.8	405.2	385.2	368.7	356.1	349.3	347.8	344.1	348.7
85.0	144.3	113.2	85.29	60.56	39.50	22.61	10.25	2.615	0	2.621

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	823657	824734	826554	828985	831883	835573	840039	845253	851178	857789
5.0	725205	725170	725951	727684	729379	733621	738638	745441	755201	766809
7.5	630983	631633	628706	625330	619579	612635	604866	596505	593979	605849
10.0	539946	539066	534108	525767	514557	500044	484411	467936	449772	432084
12.5	423985	419967	413961	406807	398843	390765	375486	353160	330586	308221
15.0	302426	293930	285816	278360	272047	266332	261382	257684	249923	227968
17.5	202259	196076	187998	178450	168635	165591	166984	167597	167699	168092
20.0	109233	114451	117014	117048	114277	109606	103825	102443	106891	108986
22.5	81775	80071	77756	75386	74405	75428	73366	69773	64470	69576
25.0	62096	60400	58745	57130	55637	54418	53314	51208	48209	45354
27.5	45533	44545	43026	41337	40741	40524	40155	39792	37952	35534
30.0	30137	31084	31540	31413	30580	29317	29464	30006	30641	28883
32.5	23707	23496	23226	22911	23397	23037	22157	22079	23129	23922
35.0	18840	18642	18469	18327	18185	17967	17530	16902	16897	17973
37.5	14517	14391	14179	13971	14059	13970	13713	13490	12851	12905
40.0	10364	10588	10733	10805	10645	10479	10685	10705	10205	9486
42.5	8534	8320	8051	7966	8229	8253	8130	8306	8141	7697
45.0	7184	7002	6813	6642	6479	6539	6687	6426	6455	6439
47.5	6003	5878	5705	5543	5482	5473	5602	5575	5219	5420
50.0	4879	4895	4849	4752	4644	4657	4815	4946	4667	4537
52.5	4236	4187	4115	4046	4020	4020	4036	4151	4148	3923
55.0	3690	3643	3595	3538	3476	3447	3490	3437	3466	3458
57.5	3195	3156	3117	3063	3025	2999	3011	3032	2903	2974
60.0	2713	2704	2713	2700	2647	2592	2629	2676	2612	2505
62.5	2374	2348	2353	2360	2341	2300	2280	2289	2305	2239
65.0	2061	2041	2045	2053	2040	2019	2009	1977	1932	1962
67.5	1775	1754	1753	1753	1737	1726	1734	1746	1675	1629
70.0	1494	1476	1480	1493	1487	1461	1453	1470	1466	1407
72.5	1280	1255	1249	1254	1255	1241	1231	1214	1190	1204
75.0	1074	1055	1050	1052	1045	1029	1023	1023	988.4	948.5
77.5	884.2	867.9	861.6	857.2	843.1	824.5	824.2	823.8	812.9	792.1
80.0	696.3	684.4	678.3	672.5	666.3	652.7	646.9	634.2	611.4	607.6
82.5	358.1	364.2	377.5	394.3	417.4	438.9	470.6	478.7	460.3	441.8
85.0	10.51	23.13	40.45	61.97	87.85	116.1	149.5	185.9	219.1	255.4
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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	865123	873098	881622	890587	899876	909366	918927	908059	897268	886691
5.0	779563	795102	813159	833415	855501	879014	903520	876777	851022	826684
7.5	621084	641511	666440	694360	726640	762951	802929	760613	721917	687163
10.0	414833	435595	462836	493847	529284	569864	616329	567671	524833	487012
12.5	287961	271694	284201	309411	336720	367139	402543	365439	333214	303888
15.0	207996	189774	172980	189661	212613	237103	265305	236015	210432	186379
17.5	152328	135696	122188	115987	131521	148676	168261	148191	130504	114151
20.0	111775	99533	86654	77869	85292	96714	109707	96438	84705	76796
22.5	71770	73720	64817	58117	58298	66342	75446	66130	57844	57295
25.0	49056	51891	50219	44356	41637	47529	54157	47436	41427	43765
27.5	34115	36938	39405	35060	31516	35355	40213	35306	31392	34739
30.0	26583	26916	29306	28326	25240	27093	30965	27067	25183	28142
32.5	21827	19618	21806	22903	20036	20866	24395	20824	19945	22836
35.0	18015	15821	15966	18041	15702	15712	18871	15691	15637	17870
37.5	13801	12804	11490	13255	12392	11758	14220	11743	12351	13207
40.0	10106	10465	9009	9813	9767	8806	10830	8803	9736	9785
42.5	7411	8067	7389	7322	7759	6875	8290	6895	7752	7347
45.0	6169	6291	6351	5902	6478	5819	6639	5844	6520	5974
47.5	5500	5143	5612	5192	5590	5165	5765	5193	5641	5266
50.0	4858	4550	4717	4579	4740	4420	5060	4443	4787	4641
52.5	3970	4003	3798	3988	3874	3779	4248	3793	3903	4023
55.0	3274	3439	3226	3496	3248	3325	3596	3336	3267	3519
57.5	2965	2882	2935	2950	2821	2985	3173	3000	2841	2976
60.0	2661	2517	2643	2481	2551	2677	2821	2689	2564	2500
62.5	2217	2304	2177	2145	2288	2373	2456	2383	2301	2161
65.0	1912	1942	1833	1921	2006	2009	2092	2026	2020	1940
67.5	1695	1571	1673	1602	1612	1662	1790	1668	1620	1618
70.0	1372	1410	1337	1274	1282	1333	1498	1335	1288	1281
72.5	1173	1138	1118	1165	1156	1067	1246	1071	1164	1173
75.0	981.7	943.9	938.0	886.0	905.8	946.5	1023	952.5	914.9	892.0
77.5	753.4	764.2	730.0	762.0	740.2	770.0	821.6	777.7	750.2	765.9

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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	606.9	574.9	570.0	516.9	482.3	503.1	630.8	523.6	516.9	530.2
82.5	417.6	420.1	419.4	374.7	337.1	306.8	453.6	367.1	385.7	394.5
85.0	288.0	271.7	244.8	242.4	191.8	130.1	295.4	201.0	240.7	258.7
87.5	0	42.27	82.61	115.0	76.92	61.22	157.9	94.30	94.21	116.2
90.0	0	0	0	0	0	0	11.90	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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	876459	866695	857513	849015	841284	834291	828071	822669	818121	814451
5.0	804164	783830	766003	750954	737136	725260	716413	709453	703404	700034
7.5	656639	628872	605357	586773	571396	569726	573857	577782	581194	583729
10.0	453437	423405	399572	411811	423695	435541	445685	455356	464618	471187
12.5	276393	260691	272258	287382	303689	318960	332440	342064	349166	356696
15.0	168188	180618	193871	208171	223667	229664	232575	235951	240157	244924
17.5	117954	128965	141348	152540	151734	151101	150347	148872	151242	159012
20.0	84138	93510	104074	102123	99102	95529	95471	100006	103465	105202
22.5	63413	71328	69246	66204	61927	65334	68891	70023	68656	68724
25.0	49158	50673	47862	44255	46701	49024	50267	51184	52128	53112
27.5	38766	36280	33549	34783	36943	38335	38374	38498	38623	39180
30.0	28996	26626	26256	28464	29954	29217	28526	28255	29359	30131
32.5	21687	19471	21565	23618	22769	21687	21599	22331	22710	22350
35.0	15835	15642	17740	17685	16585	16622	17130	17403	17700	17881
37.5	11395	12673	13623	12709	12554	13207	13427	13607	13667	13606
40.0	8961	10309	10014	9393	9952	10423	10538	10351	10404	10511
42.5	7395	8021	7416	7656	7976	8162	8066	8224	8097	7764
45.0	6421	6355	6260	6485	6450	6455	6754	6603	6440	6530
47.5	5716	5220	5640	5521	5285	5684	5801	5600	5522	5515
50.0	4796	4607	4987	4643	4734	5080	4979	4800	4722	4767
52.5	3843	4038	4024	3988	4190	4227	4144	4133	4091	4086
55.0	3261	3472	3320	3505	3513	3490	3573	3528	3531	3573
57.5	2974	2924	3017	3028	2953	3091	3084	3058	3067	3089
60.0	2676	2552	2709	2549	2664	2734	2681	2635	2672	2714
62.5	2199	2337	2251	2275	2349	2327	2313	2323	2346	2359
65.0	1852	1968	1937	1989	1953	1999	2027	2024	2033	2042
67.5	1688	1587	1713	1645	1682	1755	1741	1724	1726	1735
70.0	1348	1420	1382	1410	1462	1467	1448	1449	1469	1469
72.5	1125	1142	1177	1201	1182	1200	1215	1217	1227	1223
75.0	942.6	945.3	979.4	941.4	975.3	1001	997.9	999.0	1012	1014
77.5	729.7	760.5	743.8	778.6	794.8	796.7	792.1	789.1	803.5	812.5
80.0	566.2	565.7	590.1	586.2	586.8	600.9	608.6	611.7	619.2	620.4
82.5	412.3	407.5	396.8	412.8	426.5	436.3	428.4	401.7	380.4	358.6
85.0	241.1	254.6	261.5	230.8	198.8	167.8	136.0	106.3	80.07	56.35
87.5	77.69	38.89	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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	811388	809062	807592	806989	807259	807568	808733	810734	813545	816754
5.0	696732	694532	693427	692214	692738	694399	697735	701679	706607	711944
7.5	584384	585076	583149	580873	578721	575805	574680	575591	576402	579900
10.0	475093	476400	475194	471509	464703	453567	443146	433573	426238	422289
12.5	363322	368451	371843	373159	371401	365192	356068	342940	326894	307938
15.0	250905	257787	265471	272478	278098	280194	277718	270848	259029	243152
17.5	165847	172089	177403	180485	182767	183989	184538	183991	182235	178230
20.0	104108	100860	95678	90546	87435	87806	91531	97318	103212	107381
22.5	70135	71477	72439	72891	72629	71568	69636	66977	63781	60189
25.0	54076	55060	56133	57124	57822	57874	57193	55592	53359	50519
27.5	40512	41514	42131	42498	42688	42722	42706	42551	42290	41681
30.0	30217	29785	28971	28082	27553	27575	28134	29051	29889	30421
32.5	22587	22796	22989	23088	23079	22894	22523	22016	21247	20278
35.0	17979	18082	18252	18449	18604	18663	18548	18302	17815	17101
37.5	13798	13942	14034	14085	14100	14117	14130	14211	14296	14218
40.0	10409	10208	9985	9755	9596	9555	9649	9909	10289	10661
42.5	7796	8033	8257	8399	8429	8324	8067	7714	7341	7293
45.0	6656	6825	7011	7173	7262	7256	7112	6859	6572	6289
47.5	5634	5794	5941	6049	6091	6077	5999	5880	5761	5626
50.0	4833	4892	4927	4938	4919	4894	4826	4826	4797	4772
52.5	4133	4214	4297	4367	4390	4359	4270	4148	4019	3926
55.0	3615	3671	3744	3818	3860	3855	3793	3705	3611	3514
57.5	3138	3190	3258	3312	3329	3305	3256	3212	3187	3161
60.0	2730	2750	2788	2811	2797	2753	2709	2693	2711	2722
62.5	2361	2380	2426	2465	2471	2437	2380	2331	2317	2294
65.0	2039	2045	2082	2123	2144	2130	2091	2048	2039	2029
67.5	1736	1739	1772	1803	1811	1800	1770	1742	1747	1765
70.0	1454	1446	1469	1485	1479	1468	1444	1428	1441	1467

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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	1215	1217	1244	1264	1266	1259	1234	1207	1200	1203
75.0	1010	1010	1028	1045	1052	1052	1039	1019	1015	1016
77.5	813.9	815.7	826.6	834.5	837.3	838.9	830.3	818.9	819.0	821.3
80.0	623.8	624.3	627.6	624.2	622.3	625.1	620.3	616.6	617.4	617.3
82.5	344.2	330.4	321.9	314.0	311.2	314.5	317.7	325.5	338.6	353.5
85.0	36.88	20.98	9.446	2.360	0	2.364	9.324	20.67	36.28	55.55
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	921781	921781	921781	921781	921781	921781	921781	921781	921781	921781
2.5	819742	823439	827808	832806	838394	844047	849483	855530	862163	869358
5.0	716183	721493	725698	729365	733685	737570	740349	744028	748764	754751
7.5	585061	592504	602436	613517	620507	614815	606460	598347	590723	583491
10.0	422064	424373	431132	440578	450016	460570	471402	449455	427353	408752
12.5	287988	270992	268775	278520	287414	294761	301624	309615	297140	276553
15.0	226374	209413	192859	177207	169336	179472	187057	194414	201396	189458
17.5	173869	163197	147923	134363	122203	111207	115154	122323	129109	131281
20.0	110460	110916	109799	103381	92243	82857	75701	79306	84835	89924
22.5	60417	67032	70707	72152	71174	63821	57909	53435	57368	61274
25.0	47327	43728	43082	47280	49434	50573	45396	41243	40755	43711
27.5	39611	36651	34001	31654	34337	36212	36424	32858	30361	32503
30.0	30537	30246	28481	26460	24573	26023	27518	26709	24410	24540
32.5	21513	22189	22617	22111	20374	18575	20110	21716	19489	18370
35.0	16135	15255	16403	17169	16923	15081	14308	15882	15523	13759
37.5	13559	12662	11733	12303	13038	12386	10881	11424	12370	10860
40.0	10880	10708	9971	8947	9297	9897	8984	8177	9360	8596
42.5	7961	8415	8596	7777	6887	7459	7650	6690	7104	7054
45.0	6059	6339	6833	6833	6161	5880	6318	5978	5817	6115
47.5	5441	5402	5389	5543	5526	5280	5252	5414	4999	5323
50.0	4772	4812	4768	4481	4563	4725	4415	4561	4375	4434
52.5	3987	4113	4246	4016	3693	3984	3909	3720	3865	3619
55.0	3395	3371	3551	3610	3360	3247	3462	3197	3346	3069
57.5	3075	2983	2945	3050	3060	2882	2892	2924	2842	2801
60.0	2706	2687	2652	2601	2589	2633	2477	2581	2435	2554
62.5	2290	2299	2342	2334	2213	2217	2252	2121	2193	2189
65.0	1985	1931	1966	2015	1983	1873	1930	1849	1891	1776
67.5	1750	1708	1678	1641	1668	1670	1570	1654	1493	1537
70.0	1470	1466	1468	1428	1348	1385	1401	1317	1331	1370
72.5	1181	1188	1209	1223	1185	1127	1145	1143	1114	1042
75.0	1002	978.8	968.6	967.4	969.6	978.4	924.4	926.0	897.1	923.9
77.5	818.2	808.3	800.9	785.8	756.0	746.8	767.9	730.0	734.7	684.4
80.0	613.2	610.9	615.7	616.2	606.3	582.6	553.7	569.7	554.3	573.2
82.5	367.8	388.2	413.1	417.3	420.7	422.7	427.0	404.9	393.2	393.7
85.0	77.39	102.8	131.1	157.6	187.7	217.3	246.1	256.2	268.6	245.4
87.5	0	0	0	0	0	0	0	36.48	73.74	99.20
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	921781	921781								
2.5	877091	885336								
5.0	762210	771378								
7.5	578927	577899								
10.0	394159	384094								
12.5	261648	250697								
15.0	175819	165704								
17.5	119970	111375								
20.0	83632	76500								
22.5	60673	55427								
25.0	45595	41319								
27.5	34849	31917								
30.0	26652	25118								
32.5	20250	19699								
35.0	15174	15103								
37.5	11284	11733								
40.0	8430	9077								
42.5	6599	7210								
45.0	5653	6077								
47.5	5013	5364								
50.0	4315	4573								
52.5	3736	3814								
55.0	3312	3275								
57.5	2962	2881								
60.0	2534	2507								
62.5	2111	2137								

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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	1755	1866
67.5	1577	1645
70.0	1390	1447
72.5	1070	1247
75.0	912.5	961.1
77.5	704.6	738.5
80.0	578.3	601.1
82.5	386.3	409.1
85.0	251.3	273.1
87.5	119.6	106.6
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:11 April 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 : 21°-H X 22°-V

one-half-peak spread: U:11.8,D:10.2 , L:8.8,R:8.9

TOTAL FLUX : 173897 lm

LOR : 100.0%

AVAILABILITY FLUX : 130796 lm

AVAILABILITY : 75.2%

