

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	5282.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-3.0 degrees horizontal

Beam Spread	At 10% of Imax	40.1V x 39.5H
	At 50% of Imax	21.2V x 20.3H
	At 90% of Imax	5.7V x 10.9H

Beam Flux	Total	997.2 lumens per klm.
	To 10% of Imax	722.0 lumens per klm.
	To 50% of Imax	350.5 lumens per klm.
	To 90% of Imax	49.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

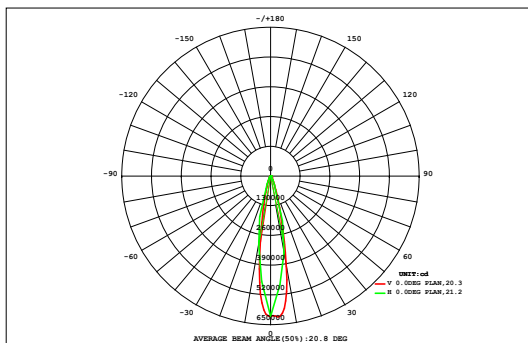
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 April 2023

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:222.73V I:3.4480A P:761.90W PF:0.9921 Freq:50.00Hz Lamp Flux:116656x1 lm		
NAME: SP-750W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



DATA OF LAMP		Eff:153.11lm/W	
SP-750W-5700K-5050-RA70-20°		Imax (cd)	616274
NOMINAL POWER (W)	750	AVAILABILITY (%)	73.6
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	85850
NOMINAL FLUX (lm)	116656	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	116656
TEST VOLTAGE (V)	220	θ @50% (H,V)	20,21DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	27.2	33.5	40.9	48.7	57.0	65.1	72.4	78.0	81.1	80.7	76.9	70.6	62.5	53.9	45.1	37.0	30.4	24.0	985	0.00
24	31.3	40.1	49.9	61.9	75.9	92.0	108	123	133	135	129	116	101	84.9	69.8	56.9	45.9	36.7	1491	0.00
21	42.1	53.6	66.9	82.9	102	123	143	160	168	165	152	133	112	92.0	74.7	60.2	47.8	37.6	1814	195
18	53.7	68.1	85.0	105	130	156	179	197	203	194	173	148	122	97.6	78.2	62.4	48.9	37.6	2138	893
15	48.3	65.0	89.4	126	186	270	372	492	585	607	544	435	321	226	155	109	78.8	58.9	4769	4063
12	57.2	79.2	113	167	256	375	524	685	794	794	688	533	383	262	175	121	86.2	63.8	6156	5529
9	79.6	113	164	254	393	560	772	959	1029	937	748	537	365	237	154	106	76.2	55.4	7540	6949
	71.0	101	148	233	370	589	888	1157	1278	1255	1141	902	598	368	232	146	98.9	69.6	9645	9101
	59.7	84.6	126	203	334	606	996	1352	1530	1591	1567	1303	856	514	318	190	124	85.5	11841	11343
	94.2	142	234	389	681	1142	1627	1827	1806	1793	1553	1042	591	349	205	129	87.8	61.3	13754	13276
	91.2	137	224	372	647	1084	1553	1766	1765	1756	1530	1042	600	356	211	133	90.0	62.7	13418	12925
	52.5	70.4	94.2	139	200	325	567	890	1101	1129	1106	967	675	420	269	167	112	78.5	8364	7760
-12	62.1	85.2	118	175	252	360	537	761	898	857	735	591	422	276	183	123	86.3	62.3	6584	5912
-15	74.6	105	150	225	330	433	547	655	699	578	335	171	133	112	84.0	71.6	56.3	43.5	4804	4018
-18	42.2	54.5	71.1	92.5	129	179	243	332	419	462	435	357	268	195	137	98.6	72.8	55.0	3644	2831
-21	35.8	43.8	52.1	57.9	68.9	82.5	96.8	135	192	246	263	236	190	147	110	81.9	62.3	47.9	2150	1053
-24	43.5	53.4	63.0	72.8	77.6	75.5	61.6	40.1	24.5	19.2	18.3	21.9	29.3	35.5	39.3	38.0	33.3	27.0	774	0.00
-27	31.6	38.9	46.1	53.3	57.6	57.9	56.7	63.7	69.1	70.8	68.5	62.7	55.1	47.2	43.2	39.2	33.6	27.6	923	0.00
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27
Φ t	998	1368	1935	2859	4347	6574	9345	11674	12773	12670	11263	8668	5883	3874	2584	1770	1272	935	100793	---
Φ a	0.00	114	687	1954	3554	5832	8771	11173	12313	12213	10706	8021	5301	3289	1505	416	0.00	0.00	---	85850

one-half-peak spread: U:11.4,D:10.1 , L:8.7,R:8.7

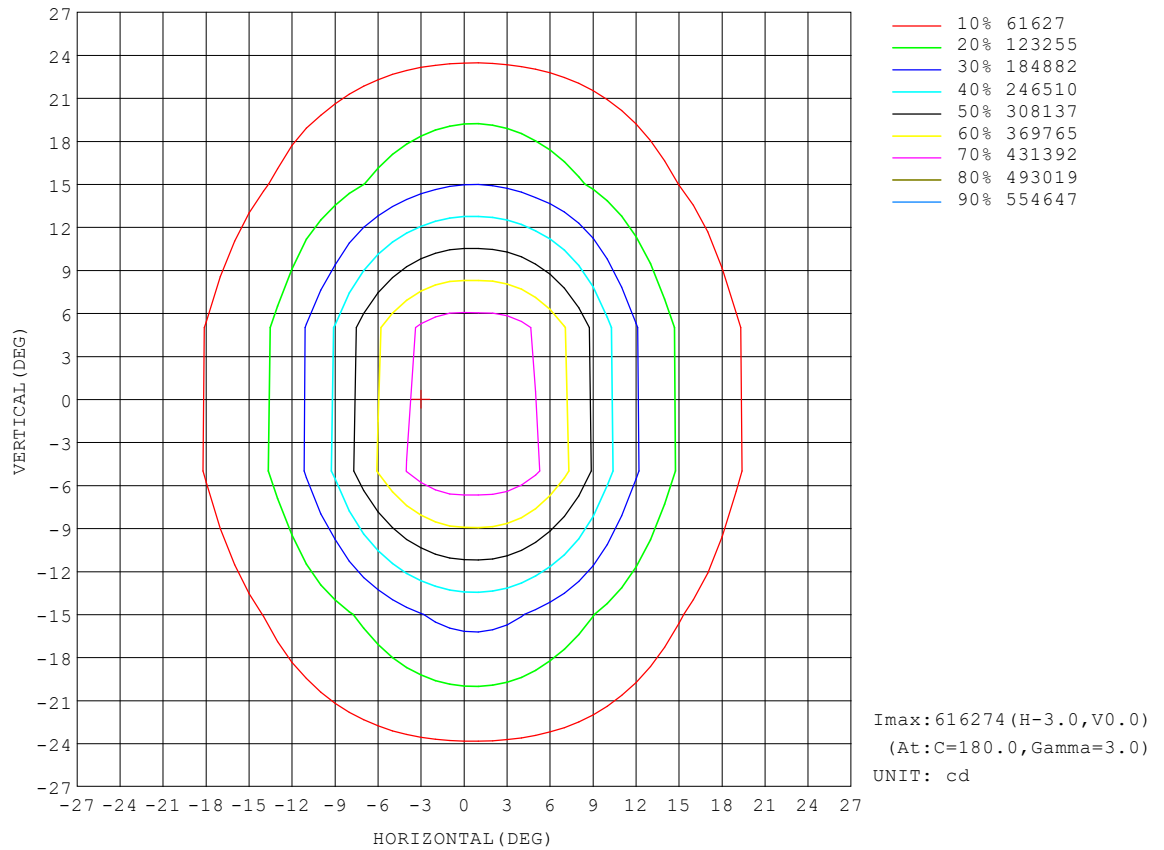
NEMA Beam Type: Type 3

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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:222.73V I:3.4480A P:761.90W PF:0.9921 Freq:50.00Hz Lamp Flux:116656x1 lm		
NAME: SP-750W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	

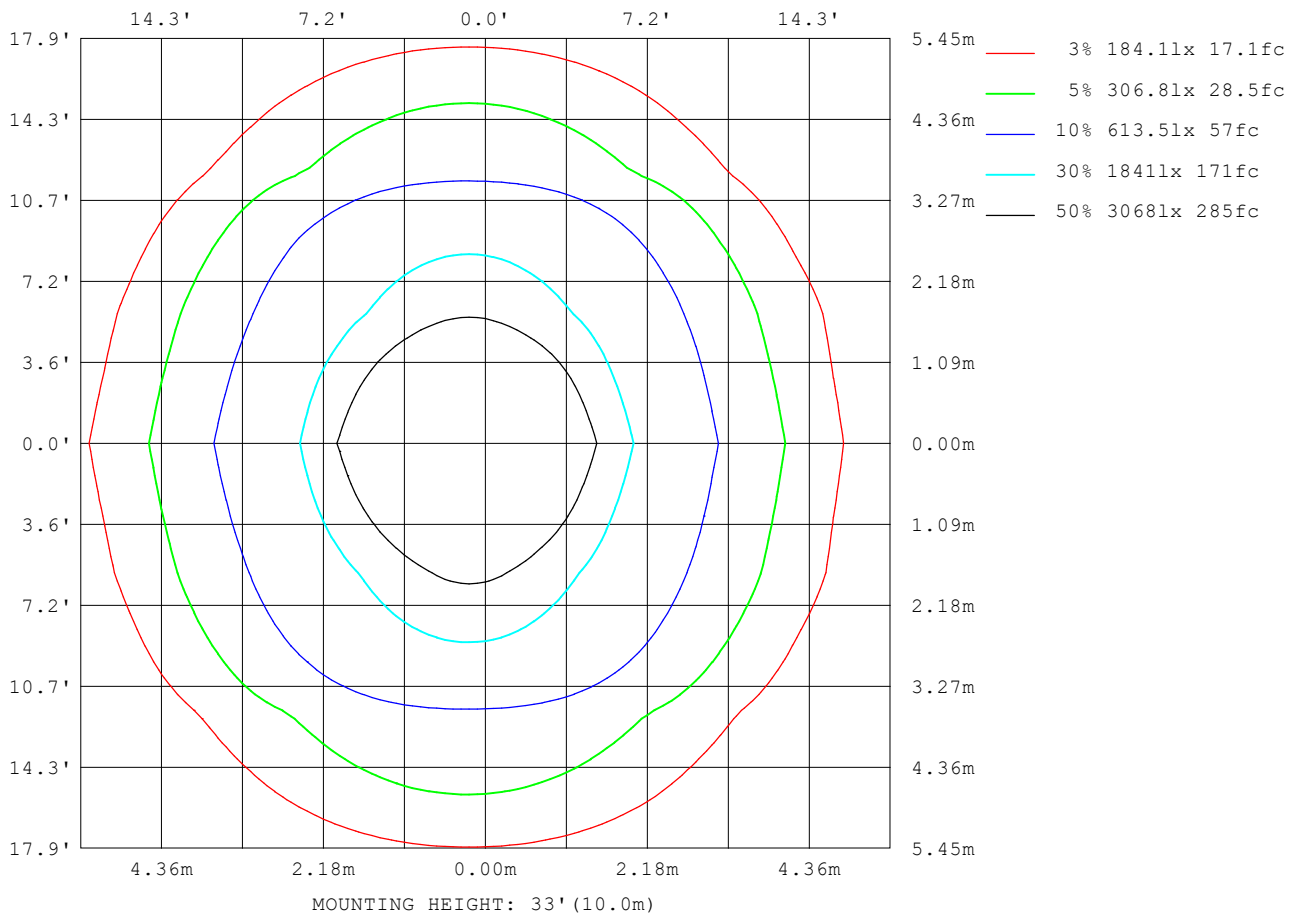


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 April 2023

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

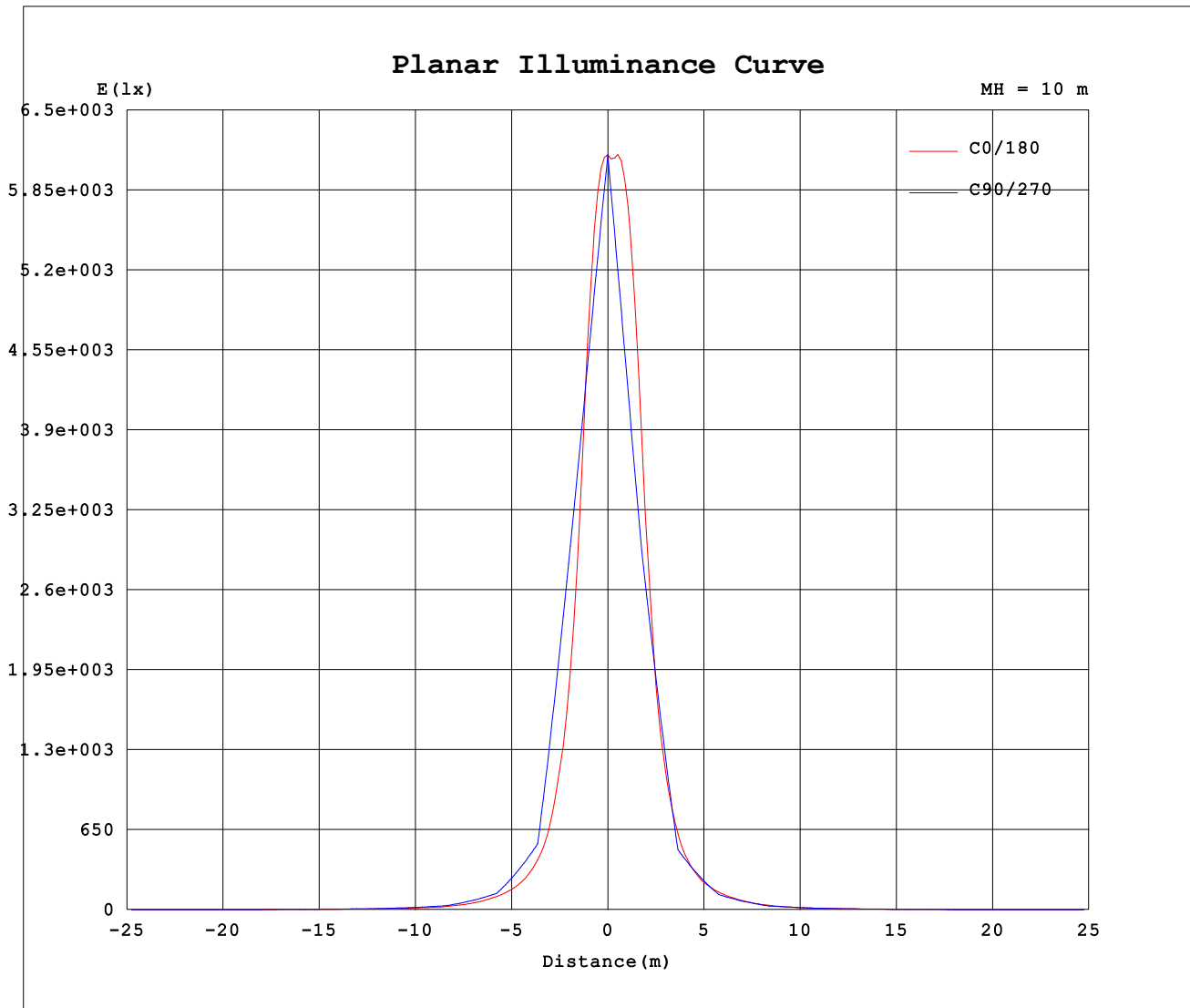
Test:U:222.73V I:3.4480A P:761.90W PF:0.9921 Freq:50.00Hz Lamp Flux:116656x1 lm		
NAME: SP-750W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



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

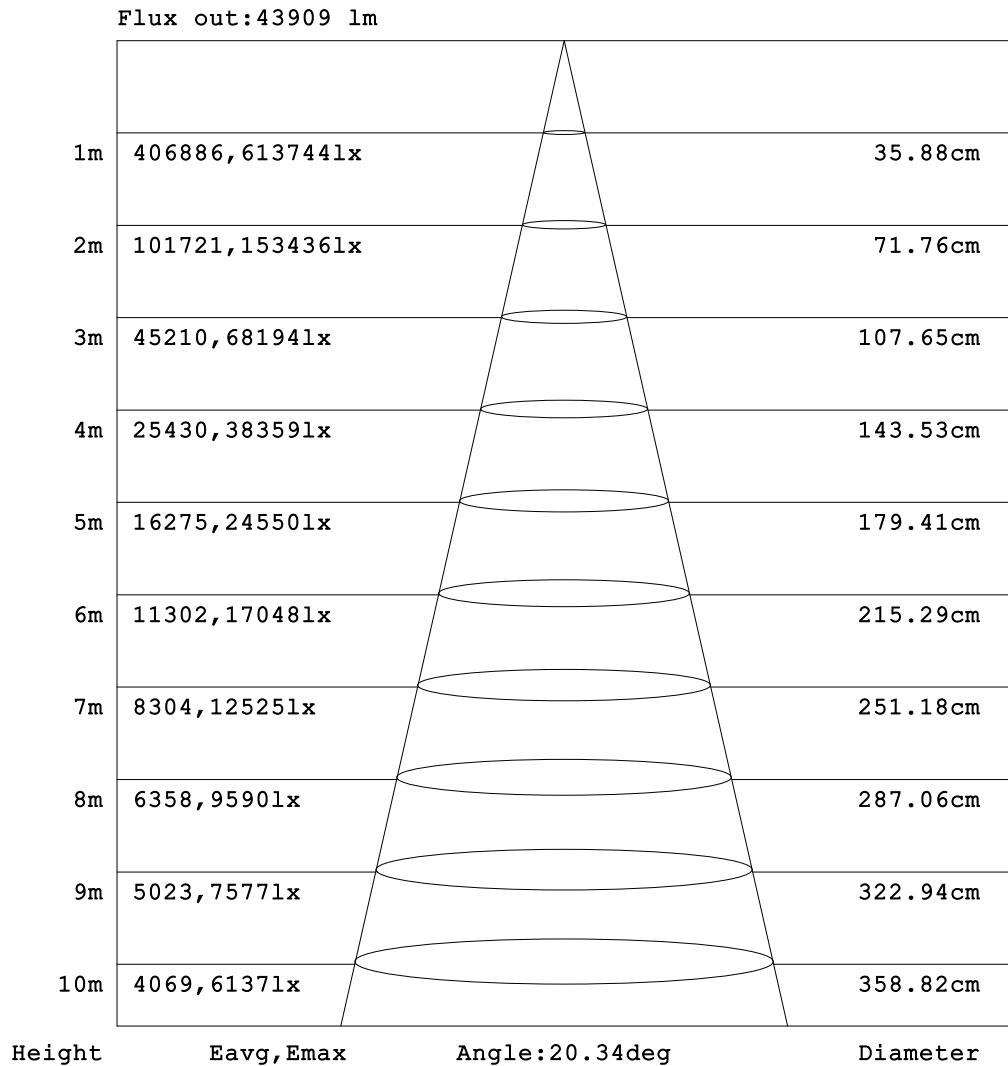


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 April 2023

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:222.73V I:3.4480A P:761.90W PF:0.9921 Freq:50.00Hz Lamp Flux:116656lx1 lm		
NAME: SP-750W-5700K-5050-RA70-20°	TYPE:	
MFR.: EVERFINE	DIM.:	
	SUR.:	



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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	594419	589304	584538	580129	576085	572413	569120	566214	563039	559815
5.0	516230	510185	505487	501975	499489	497880	497017	496787	495824	494536
7.5	378222	377830	380407	385391	392237	399528	407158	414911	421178	418695
10.0	243729	248641	256918	268281	282437	299092	316444	311391	306276	301998
12.5	157886	163357	171445	182085	196591	206059	202346	199523	196480	192481
15.0	107312	111369	117720	126484	134440	130664	126795	123074	118414	124795
17.5	69770	74471	80970	89621	88417	83929	79495	77664	85605	94579
20.0	49034	52343	56989	61001	58111	55098	53140	58204	64943	72975
22.5	36204	38857	42368	42806	40364	38077	41124	45184	50486	51205
25.0	27168	29482	32522	31366	29619	29875	32594	36118	35386	34055
27.5	21233	23035	25082	23561	22162	24057	26438	26296	25027	23293
30.0	16687	18310	19426	17995	17943	19635	20382	19213	18237	19600
32.5	13083	14548	14941	13665	14506	16109	15057	13982	15271	16525
35.0	9974	11411	11447	10477	11707	11987	10923	11540	12828	13015
37.5	7710	8966	8681	8407	9472	8786	8451	9553	10014	9541
40.0	6002	6991	6505	6662	7253	6347	6994	7646	7214	7052
42.5	4915	5581	5097	5458	5515	5194	5957	5791	5357	6112
45.0	4380	4728	4426	4757	4565	4672	4950	4600	4794	5376
47.5	3803	4227	3933	4165	3929	4235	4124	4144	4296	4342
50.0	3132	3551	3310	3413	3369	3529	3407	3681	3512	3491
52.5	2645	2903	2828	2716	2926	2814	2980	3064	2794	3102
55.0	2358	2465	2480	2282	2500	2386	2615	2447	2543	2782
57.5	2119	2184	2223	2097	2122	2189	2183	2166	2323	2336
60.0	1868	1908	1909	1913	1817	1936	1875	1981	1966	1990
62.5	1624	1625	1578	1629	1628	1579	1695	1663	1678	1781
65.0	1412	1412	1314	1300	1388	1362	1437	1394	1497	1531
67.5	1213	1237	1174	1113	1076	1208	1150	1239	1246	1234
70.0	1053	1093	1028	987.2	954.7	944.4	1024	1019	993.8	1072
72.5	919.5	953.6	791.6	749.2	796.0	818.9	832.0	825.6	880.1	921.0
75.0	796.9	756.5	663.1	639.9	666.3	670.6	722.1	722.1	724.0	730.0
77.5	671.8	596.0	519.4	492.6	526.3	530.1	564.8	557.0	570.2	600.7
80.0	546.4	478.2	420.8	411.7	405.3	425.4	417.8	444.8	471.7	482.7
82.5	435.1	294.0	250.0	278.1	293.7	313.1	331.7	335.6	340.6	344.5
85.0	322.6	146.9	150.4	172.8	209.8	206.4	207.1	181.2	156.3	131.8
87.5	224.2	57.10	88.59	83.77	58.86	29.99	0	0	0	0
90.0	208.5	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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	556942	554445	552348	550675	548839	547240	546136	545538	545453	545205
5.0	493641	492154	489515	487437	484402	481494	479311	477850	477403	477181
7.5	413138	408214	404944	403331	402362	403048	403755	405602	408345	410071
10.0	298259	296400	296848	298884	304295	312108	321318	331042	339288	344322
12.5	187794	192010	206621	221433	235331	248425	259038	266909	271604	272930
15.0	135973	148402	161668	174820	187228	196882	203096	205139	203920	199448
17.5	104549	115461	124520	128547	131572	133866	135226	134971	134342	132436
20.0	77975	78878	77539	74844	71080	67259	64814	64764	64764	67026
22.5	50507	48247	43715	43744	46535	49153	51323	52946	53844	54023
25.0	31325	31933	34522	36853	39076	40949	42309	42957	42924	42378
27.5	24964	26914	29051	30562	31112	31476	31703	31790	31766	31604
30.0	21098	22407	22638	22554	22201	21652	21038	20632	20609	20991
32.5	16901	16672	16274	15364	16015	16534	16930	17212	17344	17343
35.0	12491	11682	12403	13011	13478	13818	14041	14126	14079	13961
37.5	9139	9756	10417	10842	10868	10818	10803	10808	10794	10783
40.0	7791	8246	8379	8172	7904	7648	7505	7476	7509	7631
42.5	6712	6508	6130	5622	5694	5994	6284	6495	6575	6564
45.0	5371	4923	4668	4839	5078	5308	5517	5629	5641	5588
47.5	4249	4191	4180	4317	4431	4523	4618	4678	4697	4685
50.0	3729	3711	3645	3641	3662	3680	3701	3725	3753	3791
52.5	3297	3148	3027	2972	3049	3149	3243	3315	3349	3344
55.0	2730	2554	2564	2660	2744	2813	2883	2931	2944	2914
57.5	2241	2254	2325	2398	2425	2442	2475	2513	2532	2517
60.0	2015	2028	2048	2067	2066	2054	2059	2093	2121	2123
62.5	1776	1730	1733	1746	1764	1773	1804	1847	1868	1856
65.0	1488	1452	1499	1539	1546	1547	1578	1609	1615	1593
67.5	1267	1281	1317	1333	1318	1305	1327	1351	1362	1349
70.0	1105	1095	1101	1099	1078	1058	1072	1093	1108	1106
72.5	908.5	884.5	878.3	897.1	897.8	898.1	924.1	946.4	956.0	950.9
75.0	727.8	733.7	752.5	764.7	764.3	766.4	790.4	803.3	804.1	798.4
77.5	610.6	615.3	624.1	626.6	624.4	626.0	643.4	652.6	653.3	650.7
80.0	480.2	478.7	480.5	481.3	480.9	483.8	495.4	501.7	502.6	503.2
82.5	336.0	314.7	294.9	279.2	265.6	256.5	254.3	252.6	251.3	253.3
85.0	106.9	83.29	62.07	43.90	28.45	16.29	7.462	1.898	0	1.904

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	545473	546253	547535	549282	551502	554278	557602	561454	565806	570619
5.0	477978	477995	478444	479602	480757	483775	487432	492307	499187	507325
7.5	411340	411733	409699	407449	403836	399548	394844	389615	388131	396318
10.0	346767	346393	343399	338214	331158	322395	312710	302271	290722	279455
12.5	271958	269131	265030	260063	255085	249967	240340	226482	213542	201531
15.0	193889	188506	183386	178619	174608	170956	167803	165512	161380	147709
17.5	129917	126240	121232	115265	109326	107974	108792	109629	109695	110391
20.0	70724	74362	76259	76501	75317	72580	69058	68384	70685	72272
22.5	53636	52783	51554	50313	50042	50858	49550	46813	44174	47159
25.0	41543	40590	39717	38880	38059	37341	36632	35445	33599	31681
27.5	31246	30666	29825	28794	28390	28264	28083	27963	26866	25196
30.0	21623	22156	22428	22325	21746	20887	21022	21500	22015	20756
32.5	17244	17087	16927	16778	17003	16713	16094	16045	16783	17354
35.0	13782	13633	13544	13482	13402	13224	12876	12416	12388	13137
37.5	10722	10604	10467	10338	10396	10334	10193	10003	9466	9480
40.0	7784	7884	7976	8037	7918	7850	8018	8020	7547	7040
42.5	6448	6241	6029	5974	6179	6236	6181	6251	6063	5752
45.0	5448	5275	5123	5005	4907	4998	5141	4921	4879	4850
47.5	4596	4463	4314	4197	4176	4226	4407	4341	3993	4158
50.0	3793	3756	3689	3611	3552	3619	3788	3908	3606	3517
52.5	3294	3223	3142	3082	3067	3109	3149	3232	3199	3008
55.0	2856	2793	2741	2695	2643	2632	2689	2643	2660	2619
57.5	2471	2415	2374	2332	2305	2282	2296	2324	2209	2240
60.0	2100	2071	2066	2058	2020	1972	2004	2049	1994	1883
62.5	1821	1787	1786	1801	1790	1749	1734	1747	1759	1688
65.0	1559	1533	1539	1555	1551	1532	1522	1498	1455	1474
67.5	1324	1299	1304	1313	1305	1296	1307	1314	1245	1206
70.0	1095	1073	1082	1100	1101	1085	1085	1094	1078	1030
72.5	934.2	906.4	903.7	909.8	911.5	909.3	907.3	892.5	866.2	873.5
75.0	782.7	761.3	759.7	763.0	760.0	749.1	745.5	748.6	713.7	681.4
77.5	645.3	627.2	622.6	621.3	613.8	599.0	598.5	597.5	583.0	562.5
80.0	509.6	495.6	489.4	486.7	484.6	474.3	467.2	453.6	432.0	426.4
82.5	262.1	263.8	272.2	285.2	303.4	319.1	336.8	337.5	322.8	306.9
85.0	7.690	16.75	29.17	44.84	63.87	84.42	106.9	130.6	153.0	176.3
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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	575900	581629	587734	594136	600747	607476	614225	606835	599467	592219
5.0	516226	526978	539414	553331	568498	584661	601548	583715	566595	550451
7.5	406831	420821	437825	456752	478559	503080	530127	502179	476733	453956
10.0	268528	282838	302310	323253	346335	372298	401924	371524	344765	320843
12.5	189953	179044	185804	203400	223482	245562	270865	245016	222398	201794
15.0	134747	124390	115094	124565	138037	152680	169758	152216	137077	123047
17.5	100324	90025	81573	78354	88805	100175	113125	99838	88107	77249
20.0	73180	65894	58823	53332	58310	66027	74816	65806	57845	52518
22.5	49092	50454	44575	40103	40260	45662	51764	45502	39922	39466
25.0	34108	35919	34828	30956	29175	33097	37499	32976	28927	30468
27.5	24165	26036	27701	24866	22499	25051	28342	24941	22264	24466
30.0	19130	19313	20948	20258	18031	19350	22121	19263	17833	19884
32.5	15850	14237	15753	16534	14499	15005	17385	14955	14363	16229
35.0	13145	11552	11662	13096	11437	11414	13620	11359	11325	12905
37.5	10120	9434	8478	9727	9118	8633	10335	8587	9006	9550
40.0	7493	7744	6687	7266	7239	6532	7972	6489	7140	7142
42.5	5574	6023	5508	5476	5781	5125	6162	5094	5691	5391
45.0	4707	4745	4765	4488	4844	4416	4941	4390	4775	4421
47.5	4274	3948	4304	3994	4270	3951	4370	3929	4216	3929
50.0	3785	3498	3626	3499	3622	3349	3857	3318	3578	3435
52.5	3035	3043	2860	3004	2908	2820	3189	2786	2853	2950
55.0	2463	2581	2395	2598	2400	2454	2650	2425	2359	2534
57.5	2221	2152	2174	2181	2094	2212	2334	2188	2061	2142
60.0	1995	1885	1965	1843	1898	1995	2090	1972	1863	1808
62.5	1665	1736	1624	1594	1705	1773	1823	1744	1666	1559
65.0	1427	1452	1357	1422	1493	1506	1558	1478	1456	1389
67.5	1255	1160	1231	1176	1184	1231	1323	1214	1160	1151
70.0	1006	1035	970.6	923.7	930.6	970.5	1086	963.5	920.9	910.1
72.5	853.3	824.2	806.5	842.4	839.1	772.7	898.4	770.6	831.2	831.4
75.0	706.9	674.1	668.9	634.0	657.0	687.8	739.0	686.2	657.0	636.8
77.5	531.9	537.7	509.1	533.8	532.0	564.8	599.6	564.1	541.7	548.8

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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	422.5	398.6	391.4	356.1	335.7	368.0	462.4	384.3	379.3	385.4
82.5	288.2	288.8	281.8	255.6	225.6	209.1	334.9	270.8	283.2	287.9
85.0	198.3	185.8	164.9	162.2	128.3	84.77	218.1	147.6	175.8	189.5
87.5	0	28.86	56.81	78.51	51.51	41.91	114.5	65.64	65.94	83.06
90.0	0	0	0	0	0	0	7.575	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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	585184	578452	572104	566214	560821	555918	551544	547730	544500	541868
5.0	535527	522049	510214	500189	490934	482950	476967	472190	468035	465768
7.5	433991	415826	400543	388599	378850	378234	381089	383349	385357	386954
10.0	298995	278538	262995	271683	280330	288949	296025	302266	307743	311307
12.5	183695	176113	185098	194048	203366	213091	222880	229487	232973	236759
15.0	112896	121367	130935	141267	152163	155306	156637	158727	161264	164041
17.5	79687	87084	96078	105574	105242	103982	103177	101255	102136	106831
20.0	57342	63611	70001	68963	67281	65024	65409	68824	70197	70769
22.5	43485	48687	47229	45281	42335	44505	46734	47610	46402	46221
25.0	33998	34880	33001	30568	32244	33673	34424	34851	35346	35917
27.5	27106	25348	23426	24260	25721	26655	26479	26455	26429	26709
30.0	20448	18773	18456	19904	20986	20442	19884	19612	20215	20681
32.5	15393	13798	15211	16547	15968	15224	15144	15567	15676	15451
35.0	11414	11196	12556	12495	11745	11736	12034	12139	12285	12397
37.5	8288	9133	9705	9061	8963	9405	9504	9568	9582	9509
40.0	6536	7472	7241	6775	7153	7511	7544	7383	7369	7424
42.5	5398	5846	5433	5555	5776	5905	5850	5926	5801	5555
45.0	4699	4642	4612	4734	4680	4688	4917	4805	4654	4682
47.5	4245	3850	4177	4075	3867	4134	4241	4082	3991	3955
50.0	3545	3383	3668	3409	3465	3701	3623	3482	3403	3406
52.5	2802	2927	2927	2895	3043	3072	3003	2976	2924	2898
55.0	2345	2498	2397	2529	2549	2535	2576	2516	2510	2542
57.5	2142	2112	2183	2186	2142	2246	2215	2185	2193	2210
60.0	1944	1856	1972	1847	1941	1991	1933	1891	1922	1952
62.5	1590	1703	1637	1650	1714	1695	1671	1673	1699	1708
65.0	1325	1419	1399	1436	1412	1450	1459	1459	1471	1473
67.5	1200	1132	1230	1179	1208	1267	1250	1234	1238	1243
70.0	954.1	1013	986.0	1006	1044	1055	1039	1031	1043	1042
72.5	797.1	811.6	835.2	853.6	843.5	859.6	866.8	859.7	859.9	859.1
75.0	670.0	670.2	694.2	669.7	696.7	717.2	709.0	705.2	711.7	713.8
77.5	521.7	542.6	530.7	555.7	569.7	573.6	568.4	561.7	568.4	574.1
80.0	407.9	408.7	424.8	422.5	424.0	437.0	441.4	438.7	440.5	441.4
82.5	301.4	297.3	290.8	303.2	315.3	322.6	315.2	290.5	271.8	256.2
85.0	176.0	187.8	195.4	172.7	149.0	124.7	100.2	76.90	57.20	40.27
87.5	56.43	28.79	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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	539777	538214	537210	536777	536922	537019	537694	538940	540746	542862
5.0	463675	462417	461726	460464	460341	460770	462345	464890	468334	472078
7.5	387388	387860	386497	384676	382786	380597	379682	380252	381027	383724
10.0	313578	314272	313092	310011	305230	298503	291295	284760	280805	279628
12.5	240322	243382	245375	245922	244575	240617	234171	225637	216200	204853
15.0	167678	171442	175778	180236	183920	184918	183307	178716	171084	162068
17.5	111400	115208	118058	119933	121447	122019	122427	121705	121030	119159
20.0	69943	67781	64314	60985	58975	59164	61457	65080	69119	72193
22.5	47171	48130	48847	49214	49084	48380	47022	45181	43006	40612
25.0	36524	37198	37953	38676	39194	39257	38774	37647	36095	34211
27.5	27557	28216	28658	28952	29115	29149	29126	28970	28756	28344
30.0	20731	20459	19938	19376	19037	19049	19422	19987	20526	20880
32.5	15611	15781	15898	15973	15977	15859	15616	15266	14767	14151
35.0	12473	12553	12675	12803	12916	12961	12905	12724	12417	11971
37.5	9626	9724	9801	9827	9845	9861	9885	9932	10008	9993
40.0	7322	7185	7038	6875	6774	6751	6817	6998	7284	7574
42.5	5545	5688	5837	5927	5952	5888	5716	5485	5270	5277
45.0	4744	4836	4959	5067	5130	5134	5039	4874	4706	4551
47.5	4017	4107	4203	4278	4311	4306	4256	4175	4110	4051
50.0	3433	3463	3485	3496	3491	3474	3456	3423	3413	3428
52.5	2929	2981	3040	3092	3116	3096	3036	2941	2851	2806
55.0	2569	2601	2651	2704	2740	2740	2698	2627	2564	2508
57.5	2238	2263	2308	2349	2365	2352	2316	2279	2263	2257
60.0	1955	1953	1977	1998	1990	1962	1926	1912	1929	1948
62.5	1694	1689	1717	1746	1752	1730	1687	1651	1649	1645
65.0	1459	1450	1468	1498	1514	1505	1476	1444	1445	1449
67.5	1235	1227	1244	1265	1272	1263	1240	1221	1232	1254
70.0	1023	1011	1024	1033	1029	1019	1001	993.1	1011	1036

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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	850.6	849.6	869.0	881.7	883.2	875.8	857.9	838.9	840.1	844.7
75.0	709.3	707.5	722.1	732.5	737.3	735.5	727.1	709.2	709.9	714.3
77.5	573.9	574.5	584.6	588.5	589.3	590.2	584.1	572.5	573.8	578.9
80.0	441.6	443.7	448.5	444.7	441.2	444.8	440.2	434.4	434.2	436.9
82.5	244.0	235.2	230.3	223.8	220.6	223.8	225.6	229.6	238.5	250.9
85.0	26.15	14.93	6.759	1.682	0	1.683	6.618	14.58	25.56	39.43
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	613503	613503	613503	613503	613503	613503	613503	613503	613503	613503
2.5	544901	547418	550384	553774	557558	561339	564894	568858	573220	577968
5.0	475107	478767	481428	483576	486122	488337	489807	491900	494725	498415
7.5	387552	392476	398676	405821	410280	406044	399829	393625	387660	382058
10.0	280054	282406	286638	292221	297915	304220	310268	294392	278917	265786
12.5	193045	181161	179188	185599	190921	194954	198500	202832	194135	180375
15.0	151359	140392	129807	119881	114304	119688	124016	128372	132521	125080
17.5	116600	109314	99808	90753	82435	75058	77273	82181	86988	88478
20.0	74079	74787	74379	69863	62397	56145	51358	53676	56948	60085
22.5	40835	45547	48061	49014	48458	43532	39693	36853	39438	42081
25.0	32182	30010	29735	32544	33938	34761	31458	29013	28965	30874
27.5	27039	25268	23626	22157	23918	25218	25503	23380	21684	23192
30.0	21014	20951	19865	18568	17333	18402	19653	19061	17514	17660
32.5	14992	15501	15858	15576	14473	13301	14479	15607	14090	13351
35.0	11350	10762	11632	12200	12100	10942	10414	11522	11325	10204
37.5	9579	9001	8457	8866	9402	9042	8003	8402	9136	8157
40.0	7747	7653	7222	6537	6812	7255	6646	6113	7014	6501
42.5	5755	6096	6266	5710	5100	5530	5691	5026	5365	5359
45.0	4439	4678	5033	5039	4571	4428	4756	4517	4448	4683
47.5	3968	3991	4008	4097	4095	3975	3951	4092	3804	4083
50.0	3460	3534	3526	3306	3373	3537	3290	3431	3292	3367
52.5	2874	2999	3123	2951	2710	2952	2892	2752	2877	2693
55.0	2433	2437	2595	2645	2456	2371	2543	2337	2464	2264
57.5	2204	2150	2138	2224	2233	2097	2116	2137	2086	2077
60.0	1941	1934	1922	1889	1887	1916	1813	1885	1786	1894
62.5	1643	1652	1693	1690	1610	1612	1644	1539	1599	1611
65.0	1422	1386	1415	1451	1434	1359	1399	1333	1370	1289
67.5	1248	1221	1202	1171	1197	1205	1124	1187	1070	1105
70.0	1043	1043	1048	1016	958.6	992.5	1002	937.8	950.2	980.9
72.5	832.5	840.1	859.2	869.1	841.3	802.7	814.8	811.8	792.5	744.2
75.0	707.0	691.3	685.3	684.5	687.5	696.7	655.3	657.4	635.8	658.5
77.5	578.8	572.9	569.3	558.0	536.1	532.2	545.5	518.2	520.8	486.9
80.0	436.2	436.7	440.9	441.2	432.7	416.2	395.2	405.3	393.4	407.0
82.5	263.0	280.4	299.5	304.1	302.9	302.5	304.2	287.2	276.8	277.4
85.0	55.35	74.28	95.08	115.4	136.1	155.3	174.4	179.2	186.6	166.2
87.5	0	0	0	0	0	0	0	25.21	48.94	63.06
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	613503	613503								
2.5	583091	588579								
5.0	503121	509004								
7.5	378234	376759								
10.0	255325	247866								
12.5	170341	162816								
15.0	116821	110931								
17.5	80238	74117								
20.0	56392	52055								
22.5	41848	38608								
25.0	32160	29308								
27.5	24820	22908								
30.0	19197	18198								
32.5	14725	14431								
35.0	11259	11316								
37.5	8515	8869								
40.0	6417	6927								
42.5	5059	5554								
45.0	4395	4711								
47.5	3882	4207								
50.0	3285	3534								
52.5	2818	2900								
55.0	2472	2465								
57.5	2215	2180								
60.0	1902	1901								
62.5	1573	1608								

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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	1292	1381
67.5	1149	1199
70.0	1005	1047
72.5	768.6	899.0
75.0	655.0	694.1
77.5	507.8	534.0
80.0	416.6	433.0
82.5	272.2	290.3
85.0	171.4	189.4
87.5	75.18	63.61
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:12 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 : 20°-H X 21°-V

one-half-peak spread: U:11.4,D:10.1 , L:8.7,R:8.7

TOTAL FLUX : 116656 lm

LOR : 100.0%

AVAILABILITY FLUX : 85850 lm

AVAILABILITY : 73.6%

