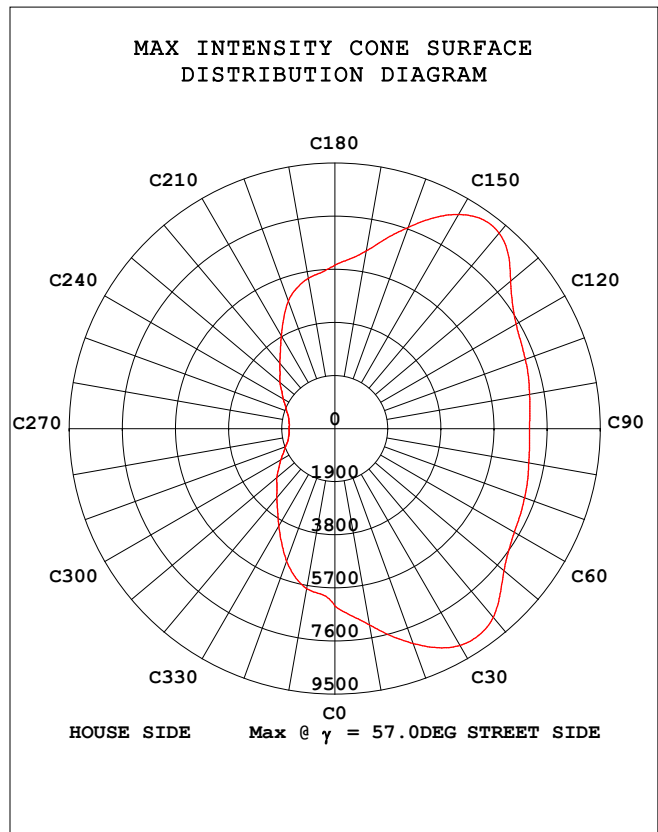
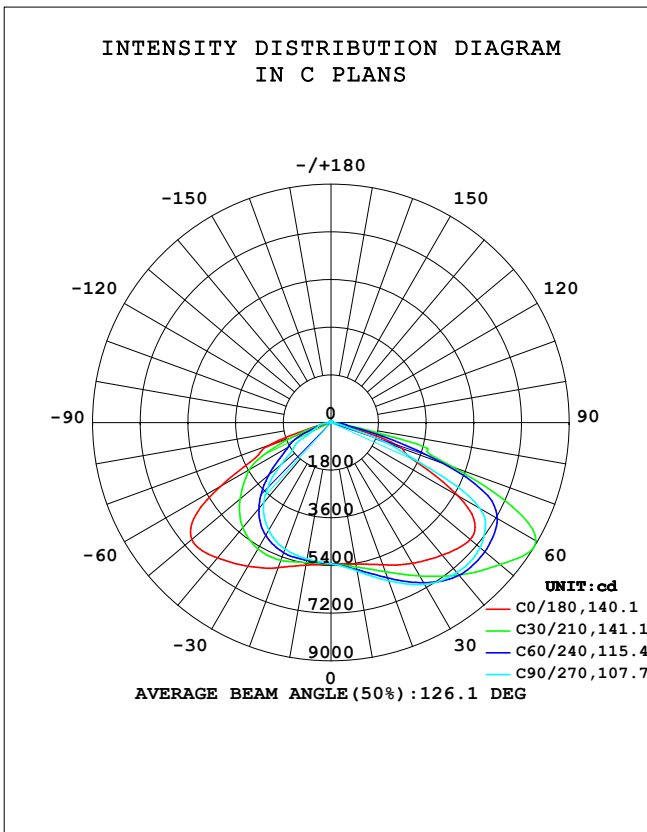


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.54 lm/W			
SL03A-150W-LL-FL2835-5000K-70Ra-T3		I _{max} (cd)	9157	η street_up (%)	0.4
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	62.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	24041	η house_up (%)	0.6
NOMINAL FLUX (lm)	24041.4	MAXIMUM @ (C, γ)	145,57.0	η house_down (%)	36.1
LAMPS INSIDE	1	η up (%)	1.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.0	SLI	

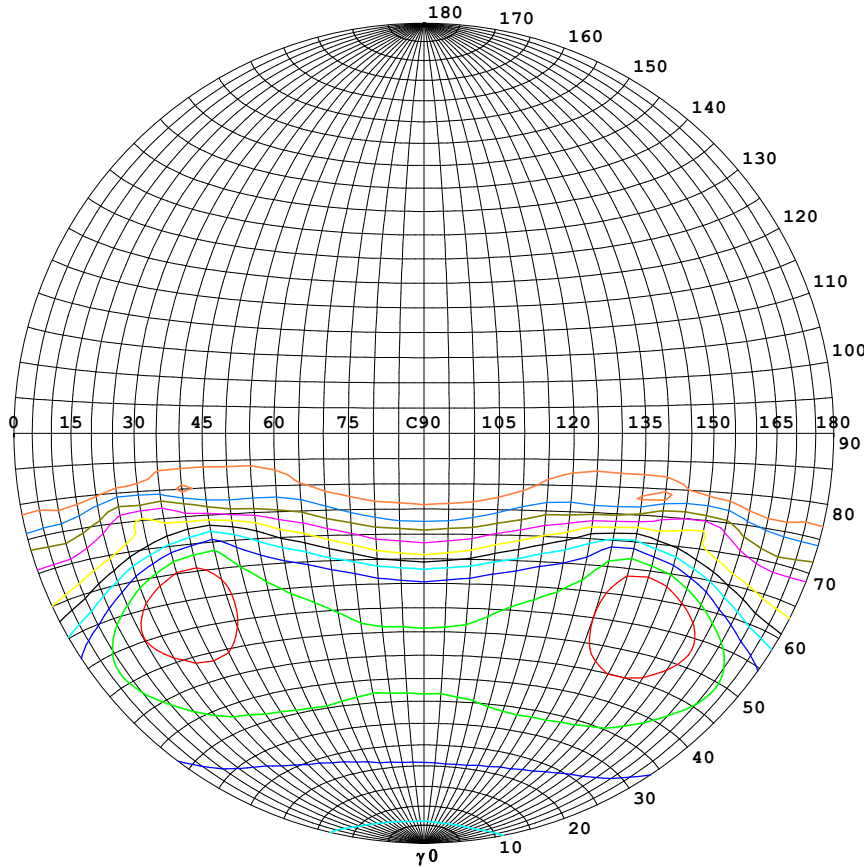


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		



Classification:

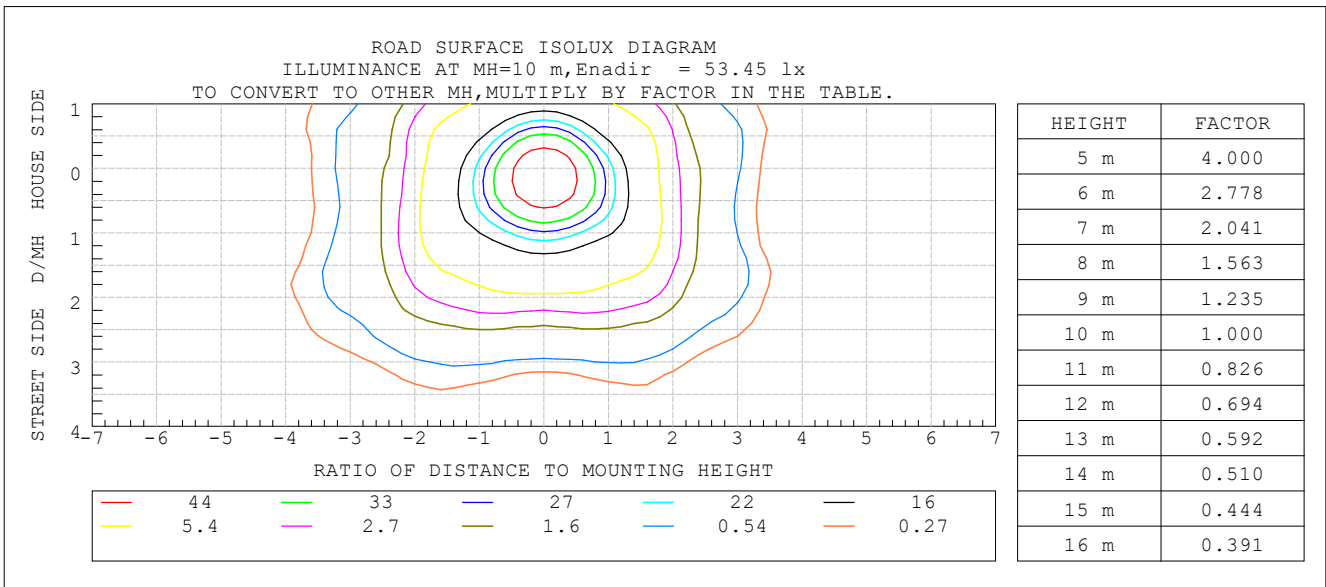
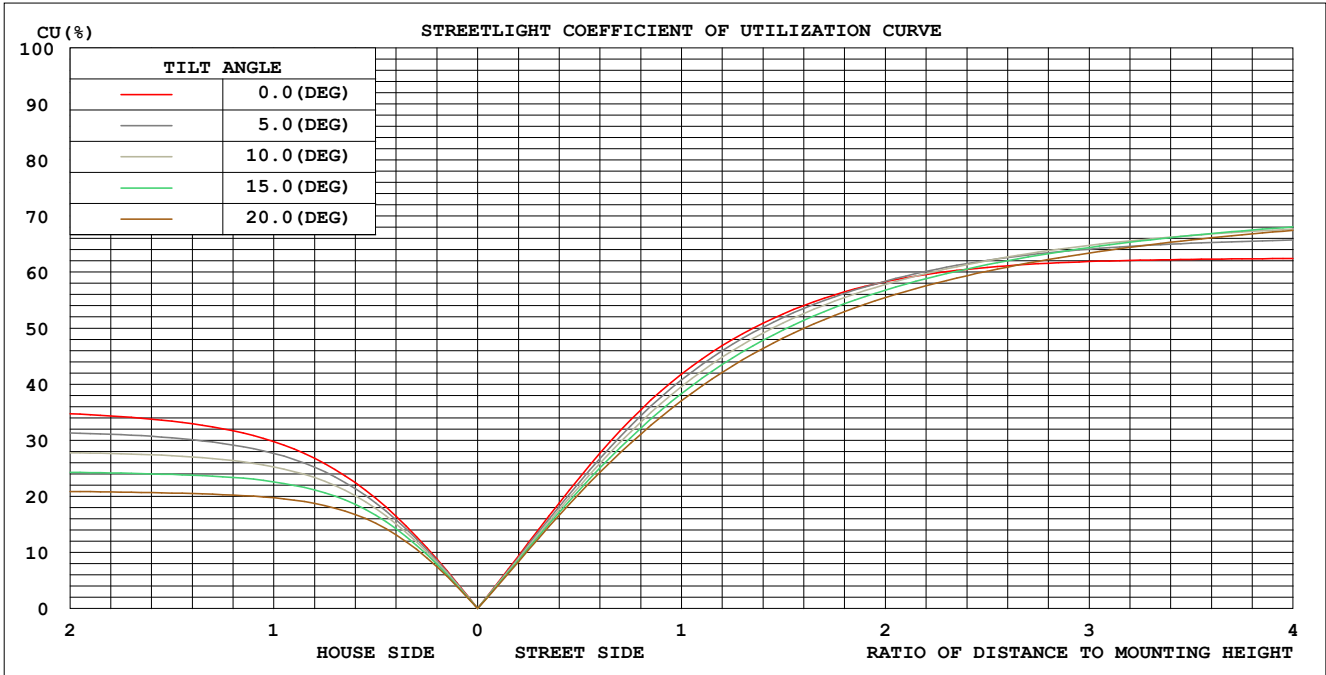
IES:Type III - Short
 CIE:Average - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:29.33cd/klm
 Max.At90:2.279cd/klm
 Max.80-90:29.33cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	9157
90%	8241
80%	7325
70%	6410
60%	5494
50%	4578
40%	3663
30%	2747
20%	1831
10%	916
5%	458

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

gamma Range: 0 - 180DEG
 gamma Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

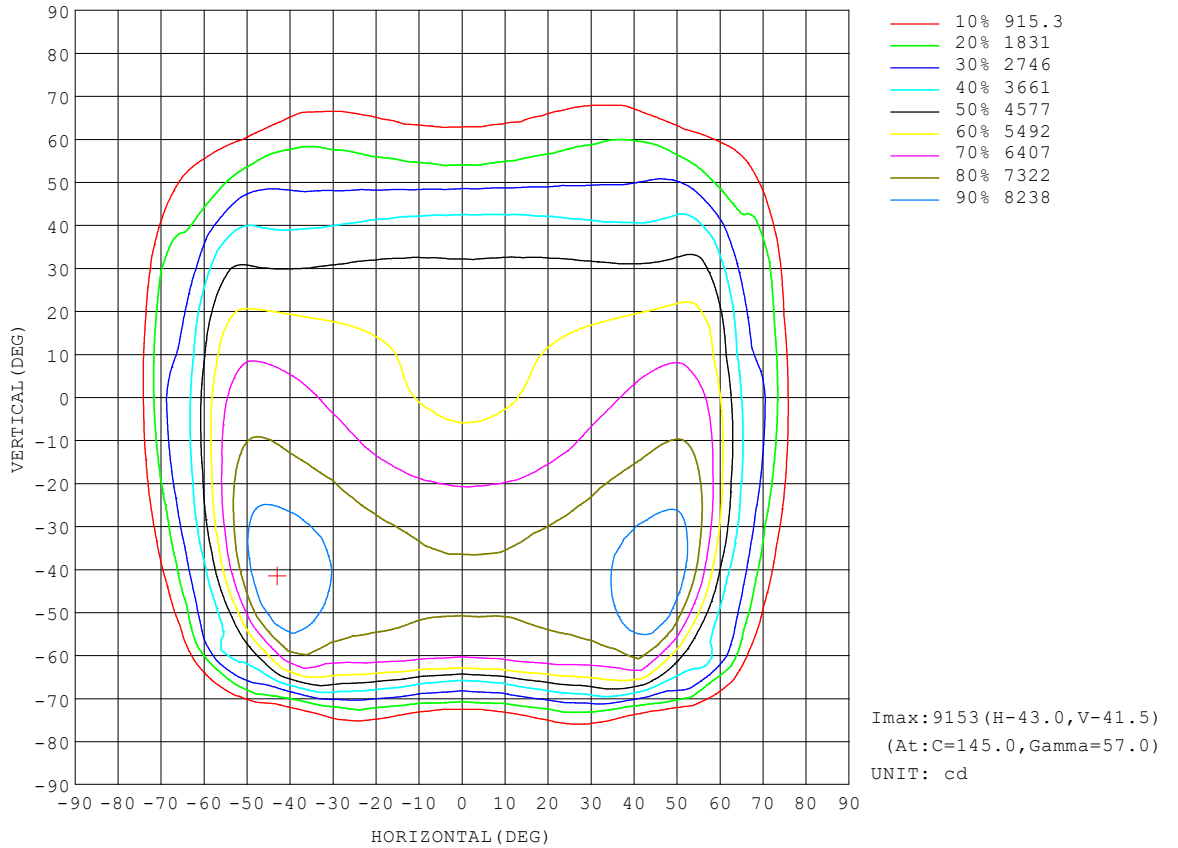
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5428	5583	5689	5622	5466	5325	5237	5302	0- 10	515.4	515.4	2.14,2.14
20	5713	6115	6354	6215	5834	5366	5089	5312	10- 20	1590	2106	8.76,8.76
30	6133	6871	7053	7018	6264	5165	4699	5135	20- 30	2739	4845	20.2,20.2
40	6536	7612	7393	7810	6670	4610	3952	4669	30- 40	3846	8692	36.2,36.2
50	6864	8093	7351	8451	6869	3584	2434	3736	40- 50	4694	13386	55.7,55.7
60	5526	8398	6498	8669	4835	2467	1396	2616	50- 60	5022	18408	76.6,76.6
70	2844	6685	2231	5676	2454	1117	588.9	1390	60- 70	3883	22291	92.7,92.7
80	335.1	512.6	232.9	550.0	263.8	251.9	374.9	292.3	70- 80	1331	23622	98.3,98.3
90	24.80	47.76	3.381	28.67	15.28	24.68	11.78	30.24	80- 90	176.5	23798	99,99
100	18.13	9.416	5.919	11.13	24.45	35.88	26.37	33.74	90-100	18.12	23817	99.1,99.1
110	31.85	17.30	11.83	19.39	38.64	49.17	42.85	48.01	100-110	28.26	23845	99.2,99.2
120	43.89	25.93	19.98	27.90	49.43	59.04	56.23	58.62	110-120	37.52	23882	99.3,99.3
130	50.05	33.93	28.34	34.78	54.47	62.70	65.88	64.15	120-130	41.69	23924	99.5,99.5
140	50.94	40.20	35.25	38.38	54.56	60.72	66.12	64.61	130-140	39.23	23963	99.7,99.7
150	51.56	45.04	40.57	41.69	54.57	59.22	62.84	63.30	140-150	32.48	23996	99.8,99.8
160	54.04	49.76	46.38	46.68	55.80	58.33	60.24	60.89	150-160	24.49	24020	99.9,99.9
170	58.00	54.83	52.60	53.57	58.42	58.22	59.21	59.74	160-170	15.69	24036	100,100
180	59.62	57.05	56.18	57.08	59.64	57.03	56.18	57.09	170-180	5.465	24041	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

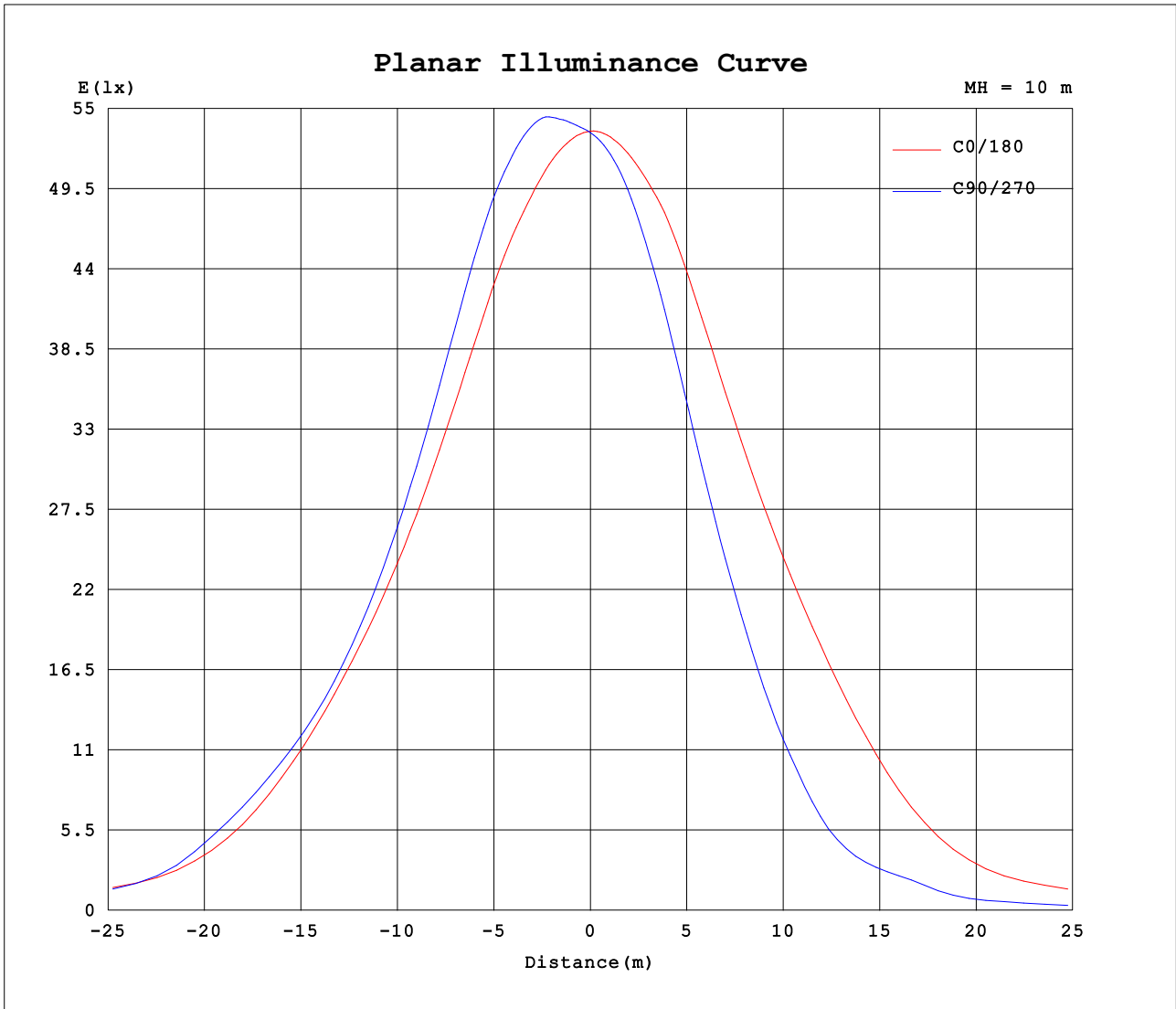
Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



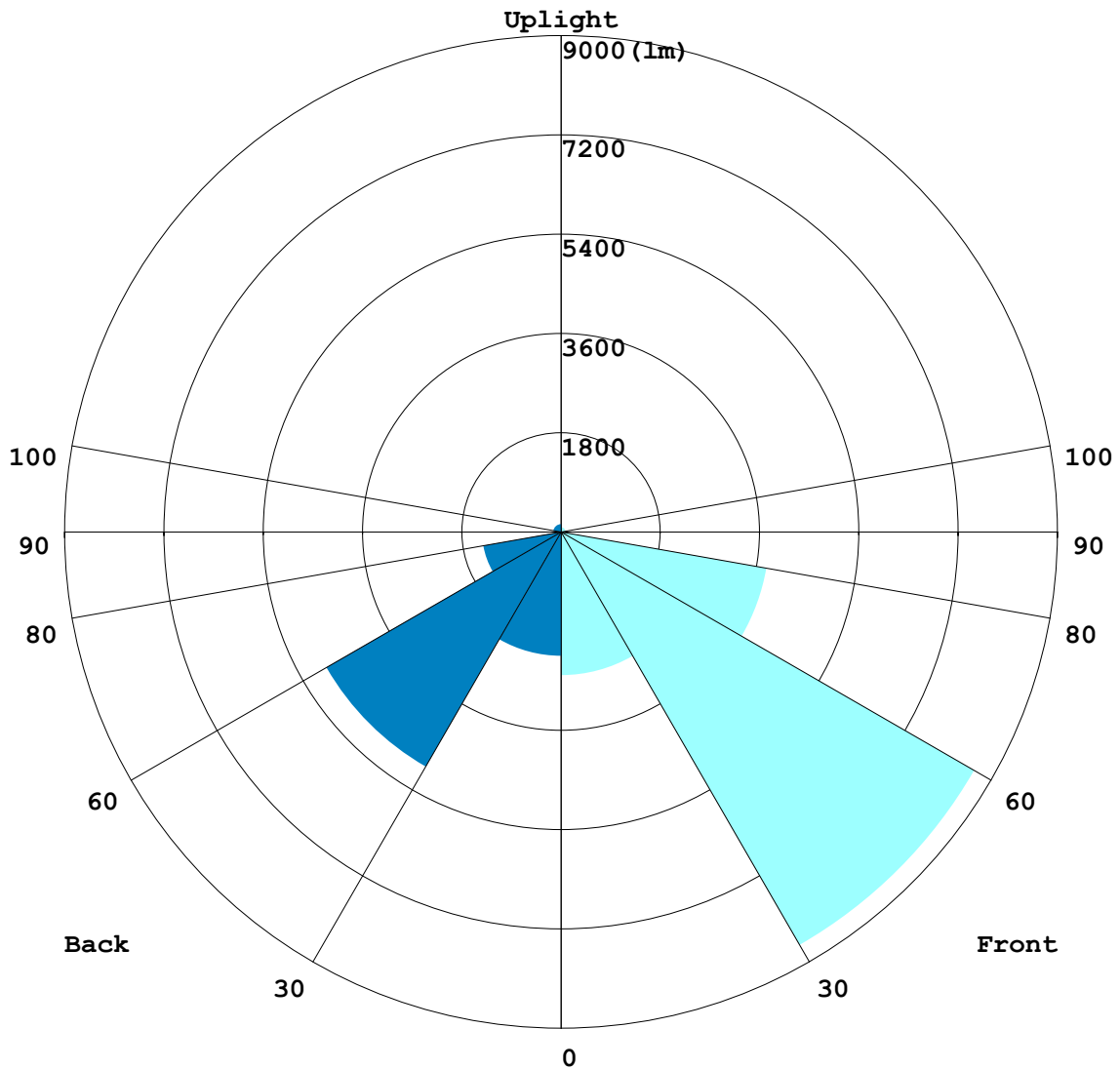
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2597.6	10.8
FM - Front-Medium(30-60)	8647.3	36.0
FH - Front-High(60-80)	3779.8	15.7
FVH - Front-Very High(80-90)	102.31	0.4
Total Forward Light	15216	63.3

BL - Back-Low(0-30)	2247.7	9.3
BM - Back-Medium(30-60)	4915.1	20.4
BH - Back-High(60-80)	1434.6	6.0
BVH - Back-Very High(80-90)	74.143	0.3
Total Back Light	8825.7	36.7

UL - Uplight-Low(90-100)	18.116	0.1
UH - Uplight-High(100-180)	224.83	0.9
Total Up Light	242.95	1.0

BUG(Back,Up,Glare) Rating	B3-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8671.5	154.18	8825.7
Street Side	15127	88.766	15216

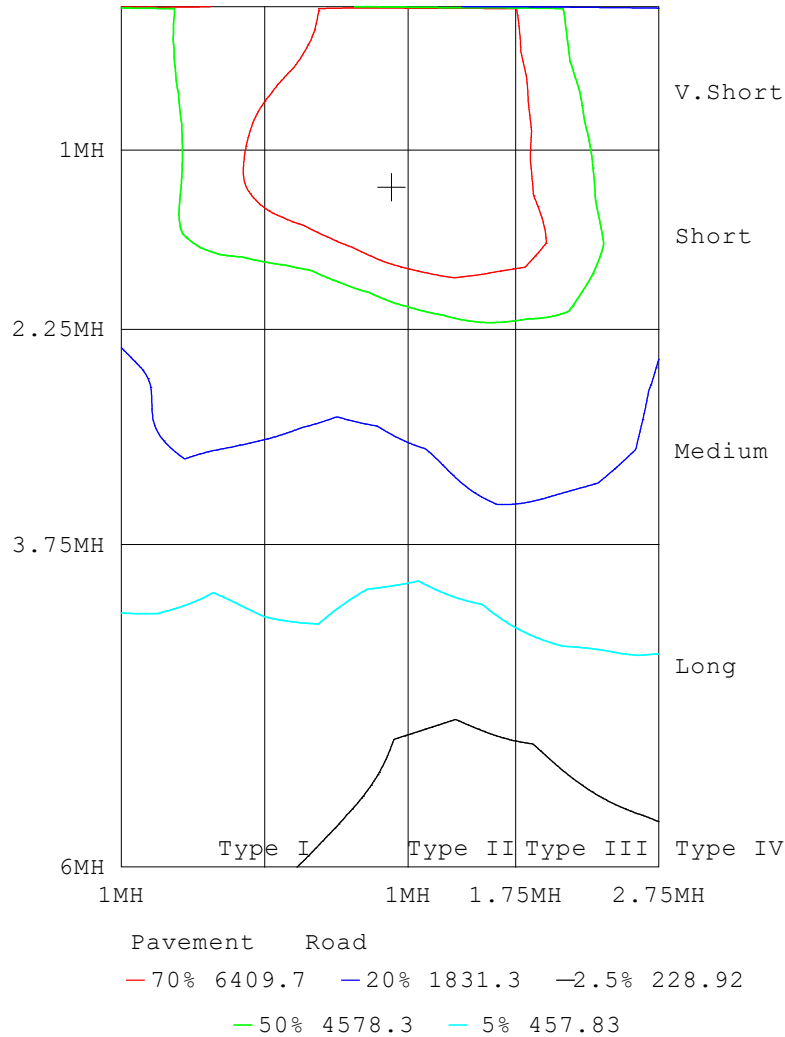
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	5345	5342	5341	5342	5340	5342	5343	5342	5342	5339	5338	5337	5338	5337	5340	5338	5339	5336	5335
5	5359	5364	5371	5378	5386	5393	5403	5409	5417	5421	5428	5430	5439	5441	5449	5450	5456	5454	5457
10	5428	5441	5461	5480	5501	5518	5539	5553	5571	5583	5601	5614	5635	5645	5664	5669	5684	5682	5689
15	5543	5567	5599	5632	5667	5696	5731	5756	5788	5810	5846	5871	5908	5931	5966	5982	6006	6010	6016
20	5713	5745	5793	5842	5895	5940	5993	6034	6080	6115	6160	6191	6235	6262	6302	6320	6341	6343	6354
25	5935	5989	6050	6104	6176	6239	6317	6378	6445	6486	6534	6565	6615	6645	6684	6692	6711	6708	6722
30	6133	6233	6336	6429	6516	6591	6692	6767	6833	6871	6913	6940	6983	7006	7032	7034	7048	7042	7053
35	6336	6468	6607	6736	6871	6983	7086	7150	7216	7244	7278	7290	7306	7287	7278	7261	7270	7273	7280
40	6536	6706	6884	7048	7236	7392	7517	7562	7605	7612	7616	7581	7529	7452	7418	7391	7394	7390	7393
45	6737	6961	7185	7386	7601	7775	7928	7970	7945	7889	7830	7718	7602	7497	7445	7428	7429	7436	7436
50	6864	7140	7411	7678	7951	8169	8335	8370	8289	8093	7921	7744	7589	7469	7405	7370	7358	7362	7351
55	6632	6992	7371	7800	8218	8569	8807	8828	8664	8294	7929	7661	7478	7380	7310	7239	7170	7127	7100
60	5526	5890	6329	7022	7722	8427	8931	9112	8895	8398	7808	7455	7251	7134	7011	6873	6678	6579	6498
65	3665	3932	4283	4977	5765	6768	7591	8323	8402	8015	7300	6854	6535	6228	5763	5300	4665	4338	4106
70	2844	2858	2974	3190	3455	4126	4836	5679	6205	6685	5960	5301	4482	3917	3290	2839	2442	2341	2231
75	1222	1214	1248	1508	2193	3348	3783	3467	2998	2972	2604	2378	2003	1706	1173	737	549	522	501
80	335	314	256	320	393	648	674	600	412	513	656	705	632	482	397	338	277	240	233
85	147	136	116	113	123	162	228	347	365	367	335	336	268	199	135	91.6	64.4	70.0	64.0
90	24.8	28.4	29.9	30.7	32.8	43.3	43.1	54.8	52.7	47.8	35.7	27.8	15.1	9.54	6.53	4.98	3.56	3.05	3.38
95	12.0	11.1	10.6	10.0	9.60	8.93	8.49	7.77	7.26	6.57	6.11	5.59	5.23	4.85	4.59	4.32	4.19	4.07	4.13
100	18.1	16.7	15.8	14.7	14.0	13.1	12.3	11.2	10.4	9.42	8.72	7.91	7.43	6.86	6.53	6.14	5.99	5.84	5.92
105	25.2	23.2	21.8	20.3	19.2	17.9	16.8	15.5	14.4	13.1	12.1	11.1	10.4	9.66	9.25	8.74	8.58	8.36	8.49
110	31.9	29.5	27.8	26.0	24.7	23.1	21.8	20.2	18.8	17.3	16.1	14.9	14.1	13.1	12.7	12.1	11.9	11.7	11.8
115	38.5	35.9	33.9	31.7	30.1	28.2	26.6	24.8	23.3	21.6	20.4	18.9	18.1	17.1	16.6	16.0	15.9	15.6	15.8
120	43.9	41.2	38.9	36.6	34.7	32.8	31.2	29.4	27.7	25.9	24.5	23.0	22.1	21.1	20.7	20.2	20.1	19.8	20.0
125	47.7	45.2	43.1	41.0	39.2	37.3	35.6	33.5	31.9	30.0	28.7	27.3	26.4	25.4	25.0	24.6	24.5	24.2	24.3
130	50.0	48.0	46.1	44.2	42.5	40.6	39.0	37.1	35.6	33.9	32.7	31.3	30.4	29.6	29.2	28.7	28.5	28.2	28.3
135	50.8	49.1	47.6	46.1	44.7	43.1	41.7	40.1	38.7	37.2	36.1	34.9	34.2	33.5	33.2	32.5	32.3	32.0	32.0
140	50.9	49.7	48.6	47.5	46.3	45.0	43.8	42.5	41.4	40.2	39.3	38.2	37.6	37.0	36.5	35.9	35.6	35.3	35.3
145	50.8	50.2	49.5	48.6	47.7	46.8	45.8	44.8	43.9	42.8	42.0	41.1	40.6	39.9	39.4	38.9	38.6	38.2	38.1
150	51.6	51.2	50.7	50.0	49.2	48.4	47.6	46.7	46.0	45.0	44.4	43.7	43.0	42.4	41.9	41.4	41.1	40.7	40.6
155	52.6	52.3	51.8	51.2	50.5	50.0	49.5	48.7	48.1	47.3	46.6	45.9	45.4	44.8	44.4	43.9	43.6	43.2	43.1
160	54.0	53.8	53.5	53.0	52.7	52.2	51.7	50.9	50.4	49.8	49.4	48.7	48.4	47.8	47.6	47.0	46.8	46.5	46.4
165	56.2	56.1	55.9	55.5	55.2	54.7	54.3	53.7	53.2	52.7	52.4	51.9	51.6	51.2	50.9	50.3	50.1	49.9	49.8
170	58.0	57.9	57.8	57.6	57.2	56.8	56.2	55.8	55.3	54.8	54.6	54.1	53.8	53.4	53.1	52.8	52.7	52.6	52.6
175	59.5	59.3	58.9	58.4	57.9	57.4	57.1	56.8	56.4	55.9	55.6	55.4	55.3	55.0	54.7	54.4	54.4	54.4	54.4
180	59.6	59.3	58.8	58.4	58.1	57.8	57.7	57.6	57.4	57.0	56.8	56.7	56.6	56.5	56.2	56.1	56.0	56.2	56.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	5333	5337	5337	5341	5340	5343	5340	5342	5341	5342	5341	5345	5344	5347	5346	5347	5346	5345	5342
5	5455	5461	5457	5459	5456	5457	5449	5447	5439	5437	5431	5427	5419	5413	5402	5397	5387	5379	5370
10	5683	5688	5677	5677	5664	5661	5644	5637	5622	5613	5595	5585	5567	5550	5525	5506	5483	5466	5448
15	6001	6001	5983	5977	5956	5944	5914	5898	5872	5855	5826	5807	5776	5749	5708	5677	5643	5616	5590
20	6352	6362	6351	6344	6319	6304	6274	6253	6215	6182	6134	6093	6045	6004	5951	5909	5867	5834	5799
25	6725	6747	6747	6747	6723	6714	6680	6661	6623	6583	6515	6456	6383	6328	6259	6200	6125	6058	5988
30	7061	7081	7086	7098	7088	7084	7064	7054	7018	6986	6924	6855	6768	6685	6574	6476	6364	6264	6159
35	7275	7293	7309	7352	7390	7432	7437	7451	7426	7409	7358	7304	7174	7037	6882	6747	6599	6468	6320
40	7400	7414	7430	7478	7562	7664	7733	7794	7810	7826	7807	7736	7577	7411	7213	7044	6849	6670	6464
45	7431	7437	7442	7492	7598	7742	7882	8023	8131	8250	8245	8159	7972	7762	7519	7307	7074	6852	6576
50	7352	7362	7390	7454	7562	7725	7915	8159	8451	8672	8699	8605	8358	8062	7733	7427	7133	6869	6559
55	7144	7202	7271	7350	7434	7585	7850	8233	8732	9075	9109	8918	8508	7990	7472	6965	6608	6329	6041
60	6589	6682	6875	7015	7117	7249	7542	8079	8669	9014	8934	8339	7600	6723	5984	5347	5020	4835	4683
65	4365	4684	5266	5668	6101	6397	6790	7508	7957	7783	7264	6321	5403	4455	3869	3459	3284	3153	2998
70	2333	2444	2828	3207	3708	4234	5079	5622	5676	4941	4385	3826	3354	2959	2502	2215	2332	2454	2461
75	519	537	751	1100	1502	1455	1560	1581	1974	2540	2682	2645	2054	1127	814	727	718	677	692
80	256	279	335	395	504	642	696	620	550	494	462	351	301	209	193	199	234	264	277
85	66.1	59.6	90.5	122	157	201	240	235	265	261	207	134	108	80.8	80.1	83.4	95.0	102	114
90	4.26	5.08	6.48	7.55	9.59	14.3	22.3	28.5	28.7	25.3	22.3	16.3	15.1	13.6	12.9	12.3	12.6	15.3	17.3
95	4.22	4.47	4.71	5.11	5.48	6.01	6.55	7.31	7.98	8.86	9.53	10.3	10.9	11.7	12.2	13.2	13.9	17.4	18.9
100	6.00	6.33	6.62	7.17	7.66	8.44	9.14	10.2	11.1	12.4	13.4	14.5	15.4	16.6	17.5	18.6	19.3	24.5	26.5
105	8.57	8.98	9.34	10.1	10.7	11.7	12.6	13.9	15.1	16.6	17.9	19.3	20.5	22.0	23.2	24.8	25.9	31.8	34.2
110	11.9	12.4	12.7	13.6	14.3	15.4	16.5	18.0	19.4	21.1	22.6	24.3	25.8	27.5	29.0	30.9	32.3	38.6	41.3
115	15.9	16.4	16.7	17.5	18.2	19.4	20.6	22.2	23.7	25.5	27.1	28.9	30.7	32.6	34.6	36.8	38.5	45.0	47.7
120	20.0	20.5	20.8	21.5	22.2	23.5	24.7	26.3	27.9	29.8	31.5	33.4	35.1	37.1	39.1	41.4	43.2	49.4	52.1
125	24.3	24.9	25.1	25.8	26.3	27.5	28.7	30.3	31.7	33.5	35.2	37.0	38.8	40.9	43.0	45.2	46.9	52.7	55.1
130	28.3	28.7	29.0	29.5	30.0	30.9	31.9	33.4	34.8	36.3	37.8	39.4	41.1	43.0	45.1	47.1	48.7	54.5	56.5
135	31.9	32.2	32.4	32.9	33.1	33.9	34.6	35.6	36.8	38.2	39.4	40.9	42.3	44.0	46.0	47.6	48.9	54.8	56.5
140	35.1	35.3	35.3	35.7	36.0	36.5	36.9	37.6	38.4	39.3	40.4	41.6	42.8	44.2	45.6	47.0	48.1	54.6	55.8
145	37.9	37.9	37.8	38.1	38.4	38.7	39.0	39.5	40.0	40.7	41.4	42.2	43.2	44.2	45.2	46.2	47.2	54.3	55.0
150	40.3	40.3	40.1	40.2	40.3	40.7	41.0	41.4	41.7	42.2	42.8	43.4	44.2	45.1	46.0	46.8	47.8	54.6	54.9
155	42.8	42.8	42.6	42.7	42.7	42.9	43.1	43.5	43.8	44.3	44.6	45.2	45.8	46.5	47.4	48.4	49.4	55.1	55.2
160	46.1	46.1	45.9	46.0	45.9	46.1	46.1	46.5	46.7	47.1	47.4	48.0	48.4	49.1	49.8	50.8	51.9	55.8	55.7
165	49.7	49.7	49.6	49.7	49.7	49.9	50.1	50.3	50.4	50.8	50.9	51.5	51.9	52.5	53.1	54.0	55.1	56.9	56.7
170	52.6	52.6	52.7	52.8	52.9	53.0	53.2	53.5	53.6	53.9	54.0	54.5	54.8	55.2	55.7	56.5	57.6	58.4	57.9
175	54.5	54.6	54.7	54.8	55.0	55.1	55.2	55.5	55.6	55.8	56.0	56.3	56.6	57.0	57.5	58.5	59.9	59.9	59.3
180	56.3	56.5	56.6	56.6	56.7	56.8	56.9	57.0	57.1	57.1	57.3	57.4	57.6	57.7	58.2	59.0	60.3	59.6	59.3

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	5341	5342	5340	5342	5343	5342	5342	5339	5338	5337	5338	5337	5340	5338	5339	5336	5335	5333	5337
5	5360	5353	5345	5339	5332	5328	5322	5314	5309	5303	5299	5294	5292	5287	5286	5280	5278	5277	5281
10	5426	5412	5396	5383	5369	5357	5341	5325	5310	5297	5286	5273	5264	5253	5246	5241	5237	5236	5242
15	5561	5536	5504	5476	5443	5416	5386	5358	5329	5301	5275	5248	5228	5208	5193	5181	5175	5173	5181
20	5748	5704	5647	5594	5536	5478	5421	5366	5318	5270	5232	5193	5166	5137	5117	5098	5089	5085	5097
25	5910	5832	5743	5653	5559	5465	5375	5291	5222	5159	5113	5065	5030	4993	4971	4946	4938	4934	4952
30	6037	5915	5781	5644	5512	5382	5272	5165	5078	4992	4926	4863	4818	4771	4740	4706	4699	4698	4727
35	6145	5962	5765	5570	5388	5221	5082	4947	4838	4730	4652	4566	4516	4458	4426	4390	4389	4386	4423
40	6222	5963	5690	5421	5185	4964	4785	4610	4476	4340	4243	4140	4087	4017	3983	3944	3952	3951	3998
45	6251	5901	5544	5191	4885	4595	4363	4142	3982	3815	3702	3572	3503	3407	3363	3309	3323	3325	3397
50	6197	5770	5323	4870	4479	4124	3847	3584	3396	3202	3067	2896	2763	2592	2517	2413	2434	2437	2572
55	5807	5481	5028	4498	4032	3610	3290	3001	2801	2567	2366	2166	2037	1890	1813	1741	1745	1745	1830
60	4689	4604	4439	4032	3561	3093	2765	2467	2254	2026	1879	1735	1640	1537	1478	1385	1396	1410	1512
65	3050	3037	3078	2841	2650	2353	2169	1940	1800	1639	1504	1253	1038	848	817	799	800	804	830
70	2284	1918	1692	1504	1391	1239	1185	1117	1126	959	822	672	625	605	601	589	589	596	614
75	925	917	829	572	442	411	410	422	464	470	484	480	486	486	488	481	486	486	497
80	313	322	300	245	241	224	236	252	304	323	333	349	364	365	369	368	375	372	380
85	143	129	105	91.3	92.0	87.6	95.5	97.2	107	101	101	94.9	80.4	58.7	55.6	45.7	59.9	58.7	89.3
90	19.6	20.6	21.9	21.9	23.0	23.8	24.5	24.7	24.8	23.1	21.3	18.6	16.3	14.2	12.7	12.2	11.8	12.0	12.7
95	20.1	21.9	23.2	25.0	25.8	27.0	27.1	27.3	26.5	25.9	24.3	23.2	21.6	20.6	19.3	18.9	18.4	18.7	18.8
100	28.1	30.3	31.7	33.5	34.4	35.5	35.7	35.9	35.1	34.4	32.7	31.5	29.7	28.7	27.4	27.0	26.4	26.7	26.9
105	36.2	38.5	39.8	41.4	42.1	43.0	43.1	43.2	42.6	41.9	40.6	39.5	37.9	37.0	35.8	35.5	34.9	35.3	35.4
110	43.5	45.8	47.2	48.5	49.1	49.5	49.3	49.2	48.6	48.2	47.2	46.4	45.2	44.5	43.6	43.3	42.9	43.1	43.1
115	49.9	52.0	53.2	54.2	54.4	54.6	54.3	54.3	54.0	53.7	52.9	52.4	51.4	50.9	50.3	50.2	49.8	50.0	49.9
120	54.1	56.0	57.1	58.1	58.4	58.9	58.9	59.0	58.7	58.6	58.2	57.8	57.1	57.1	56.8	56.6	56.2	56.5	56.6
125	57.2	59.0	60.1	60.9	61.1	61.3	61.4	61.6	61.9	62.2	62.2	62.3	62.2	62.5	62.3	62.3	62.0	62.4	62.6
130	58.3	59.9	61.0	61.7	62.0	62.2	62.5	62.7	63.0	63.4	63.8	64.4	65.0	65.6	65.6	65.8	65.9	66.4	66.7
135	58.1	59.4	60.4	61.0	61.5	61.7	61.9	62.1	62.4	63.0	63.8	64.6	65.4	66.0	66.3	66.7	66.9	67.4	67.9
140	57.0	58.0	58.8	59.3	59.7	60.0	60.3	60.7	61.4	62.2	63.0	63.9	64.6	65.0	65.5	65.8	66.1	66.4	66.8
145	55.8	56.6	57.2	57.8	58.3	58.9	59.3	59.9	60.5	61.2	62.0	62.7	63.2	63.6	64.1	64.4	64.6	64.7	65.0
150	55.4	56.1	56.7	57.4	57.9	58.4	58.8	59.2	59.7	60.3	60.7	61.0	61.4	61.8	62.3	62.5	62.8	63.0	63.2
155	55.6	56.1	56.7	57.2	57.7	58.1	58.4	58.8	59.1	59.3	59.5	59.7	60.0	60.4	60.8	61.1	61.3	61.5	61.5
160	55.9	56.3	56.7	57.1	57.5	57.9	58.1	58.3	58.5	58.8	58.9	59.1	59.3	59.5	59.8	60.0	60.2	60.4	60.5
165	56.5	56.7	57.0	57.2	57.5	57.8	58.0	58.2	58.4	58.4	58.7	58.9	59.0	59.2	59.3	59.5	59.6	59.8	60.0
170	57.6	57.5	57.6	57.7	57.8	58.0	58.1	58.2	58.2	58.3	58.6	58.6	58.7	58.7	58.8	59.1	59.2	59.4	59.5
175	58.7	58.4	58.2	58.1	58.0	58.0	58.0	57.9	57.8	57.8	57.9	57.9	57.8	57.8	57.8	57.9	58.0	58.2	58.4
180	58.8	58.4	58.1	57.9	57.7	57.6	57.4	57.0	56.8	56.7	56.6	56.5	56.2	56.1	56.0	56.1	56.2	56.3	56.5

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:123.70V I:1.1988A P:147.91W PF:0.9975 Freq:50.04Hz		
Lamp Flux:24041.4x1 lm		
NAME: SL03A-150W-LL-FL2835-5000K-70Ra-T3	TYPE:	
MFR.: EVERFINE		

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	5337	5341	5340	5343	5340	5342	5341	5342	5341	5345	5344	5347	5346	5347	5346				
5	5281	5286	5290	5294	5296	5302	5305	5310	5315	5321	5329	5336	5340	5348	5356				
10	5245	5254	5261	5272	5280	5291	5302	5315	5328	5341	5355	5367	5381	5396	5414				
15	5189	5203	5219	5240	5262	5286	5310	5336	5361	5387	5415	5443	5468	5492	5519				
20	5107	5130	5154	5190	5226	5268	5312	5359	5406	5456	5507	5556	5604	5645	5686				
25	4970	5003	5035	5079	5123	5178	5240	5316	5395	5479	5562	5640	5717	5794	5871				
30	4758	4804	4849	4911	4974	5051	5135	5234	5339	5453	5568	5686	5805	5919	6029				
35	4464	4525	4580	4665	4745	4852	4957	5084	5215	5367	5524	5693	5865	6032	6192				
40	4044	4122	4188	4293	4394	4530	4669	4833	5001	5206	5416	5652	5898	6135	6351				
45	3460	3566	3653	3793	3912	4081	4246	4463	4683	4952	5233	5549	5878	6198	6484				
50	2675	2853	3006	3181	3328	3532	3736	3998	4265	4601	4965	5381	5802	6204	6525				
55	1928	2099	2250	2488	2713	2947	3164	3461	3781	4190	4651	5158	5641	6035	6217				
60	1568	1671	1780	1948	2124	2383	2616	2929	3290	3764	4292	4803	5085	5260	5200				
65	889	1140	1366	1607	1737	1924	2125	2410	2716	3133	3461	3741	3717	3629	3435				
70	626	663	759	970	1164	1329	1390	1528	1611	1809	1950	2145	2204	2360	2558				
75	499	505	506	527	536	572	578	583	580	797	1030	1351	1558	1598	1206				
80	382	385	372	367	356	329	292	288	281	313	314	353	354	322	294				
85	113	140	147	154	145	133	117	116	118	108	123	158	181	165	139				
90	15.0	17.6	15.6	18.9	24.5	28.7	30.2	32.4	31.5	32.6	31.7	35.8	36.1	39.6	33.5				
95	19.8	20.6	22.1	23.2	24.4	25.0	25.6	25.2	24.8	23.7	22.6	21.0	19.7	18.2	17.3				
100	27.9	28.7	30.2	31.2	32.6	33.1	33.7	33.4	33.0	31.8	30.8	29.0	27.6	25.6	24.4				
105	36.3	37.0	38.4	39.4	40.6	41.1	41.6	41.2	40.9	39.8	39.0	37.4	36.0	33.9	32.3				
110	43.8	44.4	45.5	46.2	47.1	47.5	48.0	47.9	47.9	47.1	46.4	45.0	43.6	41.4	39.6				
115	50.4	50.7	51.7	52.3	53.0	53.1	53.4	53.5	53.7	53.4	52.9	51.7	50.4	48.3	46.4				
120	56.8	56.8	57.5	57.6	58.1	58.4	58.6	58.4	58.1	57.7	57.3	56.5	55.4	53.6	51.7				
125	63.1	62.8	63.0	62.8	62.7	62.3	62.2	61.8	61.5	61.0	60.4	59.5	58.3	56.7	55.1				
130	67.4	67.2	66.9	66.3	65.7	64.9	64.1	63.3	62.6	61.9	61.3	60.6	59.5	58.2	56.7				
135	68.5	68.7	68.3	67.6	66.8	65.8	64.6	63.5	62.4	61.4	60.6	59.9	58.9	57.7	56.5				
140	67.2	67.5	67.7	67.1	66.5	65.8	64.6	63.2	61.8	60.6	59.6	58.8	57.8	56.6	55.4				
145	65.2	65.6	65.8	65.8	65.4	65.0	64.3	63.2	62.0	60.7	59.4	58.3	57.2	56.0	54.7				
150	63.4	63.6	63.8	63.9	63.8	63.7	63.3	62.8	62.1	61.2	60.1	59.1	58.1	57.0	55.7				
155	61.6	61.8	61.9	62.0	62.0	62.1	62.1	62.0	61.7	61.2	60.5	59.7	58.9	58.2	57.1				
160	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.8	60.9	60.8	60.6	60.1	59.4	59.0	58.4				
165	60.1	60.2	60.3	60.3	60.3	60.3	60.2	60.2	60.2	60.3	60.4	60.2	59.9	59.6	59.5				
170	59.7	59.7	59.8	59.7	59.8	59.8	59.7	59.8	59.9	60.0	60.1	60.3	60.3	60.4	60.5				
175	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.9	59.0	59.2	59.5	60.0	60.5	61.0				
180	56.6	56.6	56.8	56.8	56.9	57.0	57.1	57.1	57.3	57.4	57.6	57.8	58.1	59.0	60.2				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:13 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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	5345	5342	5341	5342	5340	5342	5343	5342	5342	5339
3.0	5347	5348	5352	5358	5362	5364	5370	5374	5377	5378
6.0	5368	5374	5383	5393	5403	5411	5425	5433	5442	5447
9.0	5409	5420	5437	5453	5472	5487	5505	5518	5535	5546
12.0	5468	5484	5510	5536	5563	5584	5609	5626	5649	5664
15.0	5543	5567	5599	5632	5667	5696	5731	5756	5788	5810
18.0	5636	5667	5712	5752	5800	5836	5883	5913	5956	5984
21.0	5758	5789	5839	5888	5947	5996	6053	6097	6150	6183
24.0	5892	5937	5992	6044	6113	6174	6248	6304	6366	6407
27.0	6017	6087	6166	6231	6307	6375	6465	6530	6603	6641
30.0	6133	6233	6336	6429	6516	6591	6692	6767	6833	6871
33.0	6256	6375	6500	6616	6732	6824	6924	6996	7060	7096
36.0	6375	6514	6660	6795	6941	7064	7169	7228	7297	7321
39.0	6496	6657	6824	6982	7161	7312	7430	7481	7528	7547
42.0	6617	6808	7005	7184	7382	7548	7686	7729	7745	7738
45.0	6737	6961	7185	7386	7601	7775	7928	7970	7945	7889
48.0	6831	7084	7336	7570	7813	8007	8167	8210	8150	8016
51.0	6865	7152	7440	7727	8018	8255	8428	8456	8363	8134
54.0	6730	7075	7427	7810	8189	8499	8716	8731	8586	8254
57.0	6341	6712	7127	7658	8174	8645	8953	9007	8815	8364
60.0	5526	5890	6329	7022	7722	8427	8931	9112	8895	8398
63.0	4413	4733	5128	5876	6664	7615	8367	8864	8696	8230
66.0	3358	3594	3896	4519	5271	6287	7116	7909	8140	7892
69.0	2941	3077	3187	3393	3792	4628	5446	6311	6783	7127
72.0	2365	2296	2256	2677	3120	3527	3969	4483	5017	5486
75.0	1222	1214	1248	1508	2193	3348	3783	3467	2998	2972
78.0	507.9	563.4	497.8	621.1	991.8	1625	1445	1874	1176	773.2
81.0	283.3	267.7	216.5	233.1	281.1	419.4	490.6	501.8	475.7	562.9
84.0	175.4	160.8	137.8	134.1	144.2	192.7	276.9	417.4	437.3	444.5
87.0	94.22	87.96	80.12	76.47	84.50	109.3	140.8	211.1	215.9	195.6
90.0	24.80	28.39	29.86	30.74	32.84	43.34	43.10	54.80	52.72	47.76
93.0	11.54	10.58	10.34	10.40	10.71	10.64	10.17	10.88	10.22	9.524
96.0	13.07	12.07	11.51	10.84	10.39	9.675	9.184	8.388	7.839	7.093
99.0	16.80	15.44	14.63	13.70	13.04	12.17	11.48	10.47	9.756	8.788
102.0	20.92	19.23	18.14	16.92	16.05	14.94	14.05	12.85	11.93	10.76
105.0	25.17	23.16	21.78	20.29	19.21	17.91	16.85	15.49	14.40	13.07
108.0	29.20	26.97	25.37	23.71	22.47	21.02	19.78	18.30	17.03	15.59
111.0	33.18	30.79	29.03	27.18	25.78	24.15	22.77	21.13	19.71	18.17
114.0	37.21	34.66	32.70	30.63	29.01	27.22	25.68	23.89	22.41	20.78
117.0	40.97	38.28	36.10	33.85	32.03	30.11	28.42	26.60	25.08	23.37
120.0	43.89	41.21	38.93	36.58	34.69	32.76	31.17	29.36	27.74	25.93
123.0	46.26	43.65	41.48	39.24	37.42	35.56	33.91	31.95	30.28	28.39
126.0	48.32	45.90	43.89	41.75	40.02	38.03	36.34	34.31	32.64	30.84
129.0	49.74	47.59	45.68	43.71	41.93	40.03	38.33	36.44	34.87	33.18
132.0	50.50	48.57	46.80	45.06	43.44	41.69	40.12	38.37	36.92	35.31
135.0	50.82	49.14	47.62	46.13	44.69	43.10	41.67	40.10	38.71	37.25
138.0	50.95	49.55	48.29	47.02	45.72	44.30	43.02	41.57	40.33	39.03
141.0	50.88	49.79	48.78	47.71	46.57	45.36	44.20	42.92	41.92	40.77
144.0	50.76	50.04	49.30	48.38	47.45	46.36	45.42	44.35	43.44	42.36
147.0	50.93	50.42	49.91	49.14	48.39	47.47	46.57	45.62	44.74	43.75
150.0	51.56	51.16	50.66	49.97	49.20	48.38	47.64	46.73	45.96	45.04
153.0	52.16	51.81	51.35	50.68	50.00	49.31	48.71	47.90	47.17	46.38
156.0	52.73	52.49	52.03	51.43	50.86	50.32	49.82	49.11	48.49	47.71
159.0	53.61	53.40	53.07	52.50	52.15	51.63	51.20	50.43	49.85	49.21
162.0	54.97	54.82	54.55	54.08	53.76	53.24	52.80	52.11	51.53	50.92
165.0	56.16	56.10	55.85	55.49	55.22	54.75	54.31	53.74	53.22	52.69
168.0	57.20	57.19	57.05	56.74	56.47	56.00	55.56	55.06	54.53	54.09
171.0	58.40	58.37	58.20	57.96	57.58	57.06	56.50	56.06	55.60	55.15
174.0	59.47	59.33	59.00	58.49	58.03	57.44	57.02	56.73	56.38	55.87
177.0	59.47	59.19	58.71	58.28	57.79	57.43	57.16	56.87	56.59	56.18
180.0	59.62	59.33	58.82	58.40	58.12	57.84	57.74	57.56	57.39	57.05
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	5338	5337	5338	5338	5340	5338	5339	5336	5335	5333
3.0	5381	5382	5386	5388	5393	5392	5396	5394	5395	5394
6.0	5457	5461	5472	5475	5485	5487	5494	5491	5495	5493
9.0	5564	5573	5591	5597	5614	5616	5629	5626	5633	5627
12.0	5688	5708	5737	5753	5778	5789	5809	5808	5816	5805
15.0	5846	5871	5908	5931	5966	5982	6006	6010	6016	6001
18.0	6029	6055	6098	6121	6161	6178	6205	6206	6216	6205
21.0	6231	6262	6309	6337	6378	6393	6414	6412	6426	6426
24.0	6456	6487	6536	6567	6607	6617	6632	6632	6646	6651
27.0	6689	6717	6766	6793	6832	6837	6857	6852	6868	6872
30.0	6913	6940	6983	7006	7032	7034	7048	7042	7053	7061

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

33.0	7132	7152	7185	7188	7195	7186	7196	7197	7203	7202
36.0	7352	7356	7360	7325	7310	7292	7301	7303	7310	7306
39.0	7554	7534	7492	7428	7396	7372	7374	7374	7377	7381
42.0	7719	7657	7575	7485	7441	7419	7421	7420	7424	7427
45.0	7830	7718	7602	7497	7445	7428	7429	7436	7436	7431
48.0	7894	7743	7601	7490	7430	7402	7398	7409	7401	7392
51.0	7931	7737	7576	7454	7390	7349	7331	7328	7314	7324
54.0	7936	7687	7509	7398	7338	7276	7220	7183	7158	7199
57.0	7903	7598	7416	7317	7225	7140	7045	6994	6963	7007
60.0	7808	7455	7251	7134	7011	6873	6678	6579	6498	6589
63.0	7577	7174	6926	6766	6460	6188	5784	5599	5420	5597
66.0	7103	6634	6238	5872	5285	4732	4045	3727	3545	3761
69.0	6301	5706	5033	4427	3744	3202	2753	2622	2545	2628
72.0	4951	4283	3438	3014	2473	2053	1499	1218	1181	1212
75.0	2604	2378	2003	1706	1173	736.8	549.5	522.2	500.6	518.6
78.0	686.5	835.4	841.8	707.3	504.1	431.6	380.5	355.1	326.1	357.4
81.0	654.7	702.8	587.5	423.1	336.8	284.8	237.4	222.0	213.4	220.1
84.0	439.9	443.4	367.9	265.7	186.7	133.7	99.37	109.5	103.8	102.5
87.0	155.5	145.0	105.9	64.04	33.95	21.82	12.11	11.13	9.682	13.00
90.0	35.68	27.82	15.14	9.540	6.525	4.976	3.561	3.051	3.381	4.262
93.0	6.600	5.520	4.661	4.252	3.963	3.729	3.611	3.503	3.555	3.652
96.0	6.585	5.998	5.627	5.204	4.943	4.654	4.512	4.388	4.442	4.528
99.0	8.132	7.401	6.934	6.402	6.085	5.735	5.579	5.430	5.509	5.592
102.0	9.979	9.067	8.515	7.881	7.518	7.087	6.930	6.739	6.851	6.927
105.0	12.15	11.08	10.44	9.661	9.252	8.736	8.581	8.361	8.494	8.566
108.0	14.53	13.31	12.57	11.69	11.24	10.66	10.50	10.27	10.41	10.46
111.0	16.98	15.65	14.84	13.91	13.45	12.80	12.65	12.41	12.58	12.63
114.0	19.51	18.10	17.23	16.25	15.78	15.18	15.09	14.82	15.00	15.02
117.0	22.06	20.57	19.67	18.67	18.19	17.63	17.58	17.29	17.48	17.50
120.0	24.53	23.04	22.15	21.14	20.67	20.20	20.11	19.81	19.98	20.01
123.0	27.02	25.56	24.67	23.67	23.27	22.85	22.71	22.42	22.56	22.61
126.0	29.53	28.10	27.20	26.24	25.89	25.45	25.33	25.00	25.18	25.17
129.0	31.90	30.50	29.62	28.75	28.40	27.94	27.75	27.44	27.56	27.57
132.0	34.09	32.74	32.00	31.16	30.83	30.29	30.08	29.76	29.84	29.80
135.0	36.12	34.93	34.23	33.46	33.17	32.55	32.29	31.96	31.98	31.91
138.0	38.02	36.94	36.29	35.61	35.20	34.60	34.34	33.99	33.99	33.87
141.0	39.84	38.82	38.23	37.58	37.10	36.54	36.28	35.90	35.84	35.70
144.0	41.48	40.57	40.08	39.34	38.84	38.29	38.02	37.62	37.52	37.34
147.0	42.96	42.19	41.66	40.91	40.46	39.93	39.63	39.22	39.10	38.89
150.0	44.38	43.65	43.04	42.36	41.90	41.43	41.13	40.72	40.57	40.31
153.0	45.76	45.00	44.40	43.75	43.35	42.85	42.56	42.17	42.04	41.78
156.0	47.09	46.36	45.87	45.28	44.92	44.41	44.13	43.77	43.66	43.37
159.0	48.73	48.07	47.71	47.15	46.87	46.35	46.12	45.76	45.67	45.38
162.0	50.61	50.04	49.70	49.20	48.82	48.31	48.03	47.72	47.62	47.42
165.0	52.39	51.90	51.61	51.19	50.87	50.34	50.09	49.86	49.79	49.67
168.0	53.78	53.37	53.06	52.64	52.25	51.79	51.66	51.56	51.57	51.51
171.0	54.85	54.43	54.11	53.82	53.58	53.20	53.10	53.04	53.06	53.05
174.0	55.48	55.34	55.11	54.92	54.59	54.31	54.20	54.27	54.22	54.34
177.0	55.86	55.75	55.53	55.33	55.03	54.81	54.71	54.82	54.78	54.92
180.0	56.78	56.74	56.62	56.47	56.24	56.10	56.03	56.15	56.18	56.31
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	5337	5337	5341	5340	5343	5340	5342	5341	5342	5341
3.0	5399	5398	5400	5398	5400	5394	5395	5390	5390	5386
6.0	5499	5496	5498	5494	5492	5483	5480	5472	5468	5459
9.0	5633	5626	5627	5616	5616	5600	5597	5583	5576	5559
12.0	5807	5791	5787	5771	5763	5741	5729	5709	5698	5678
15.0	6001	5983	5977	5956	5944	5914	5898	5872	5855	5826
18.0	6209	6193	6189	6163	6151	6120	6103	6066	6043	6000
21.0	6442	6432	6428	6400	6386	6355	6334	6294	6259	6206
24.0	6672	6670	6669	6644	6633	6600	6578	6538	6499	6434
27.0	6894	6894	6898	6873	6870	6839	6822	6783	6749	6678
30.0	7081	7086	7098	7088	7084	7064	7054	7018	6986	6924
33.0	7220	7232	7262	7282	7298	7289	7292	7263	7238	7180
36.0	7326	7342	7386	7436	7492	7506	7528	7506	7494	7448
39.0	7397	7416	7463	7540	7630	7685	7732	7740	7742	7720
42.0	7437	7441	7493	7590	7710	7814	7898	7945	7993	7981
45.0	7437	7442	7492	7598	7742	7882	8023	8131	8250	8245
48.0	7396	7421	7478	7586	7743	7911	8113	8318	8502	8512
51.0	7339	7372	7440	7543	7706	7912	8179	8516	8763	8793
54.0	7248	7309	7381	7466	7623	7877	8229	8690	9008	9049
57.0	7074	7170	7254	7345	7489	7765	8209	8784	9138	9157
60.0	6682	6875	7015	7117	7249	7542	8079	8669	9014	8934
63.0	5777	6149	6390	6694	6849	7177	7796	8324	8524	8140
66.0	4102	4720	5188	5731	6088	6528	7323	7664	7293	6750

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

69.0	2789	3219	3663	4219	4815	5525	6251	6261	5561	4910
72.0	1464	1967	2353	2790	3140	3831	4008	4244	3841	3710
75.0	537.2	751.0	1100	1502	1455	1560	1581	1974	2540	2682
78.0	389.5	425.6	500.7	635.8	727.8	691.7	572.8	429.7	437.3	746.9
81.0	237.3	282.5	333.5	462.0	597.0	639.0	576.9	537.4	510.1	440.4
84.0	93.75	134.8	178.3	239.0	300.0	328.0	324.9	347.5	332.0	265.5
87.0	13.96	20.22	31.22	41.86	56.94	81.70	108.4	110.8	134.9	99.83
90.0	5.082	6.481	7.549	9.592	14.35	22.31	28.55	28.67	25.28	22.28
93.0	3.871	4.084	4.436	4.759	5.246	5.701	6.343	6.922	7.666	8.221
96.0	4.795	5.043	5.457	5.866	6.450	7.018	7.835	8.571	9.507	10.24
99.0	5.893	6.172	6.703	7.161	7.892	8.561	9.582	10.44	11.61	12.54
102.0	7.301	7.615	8.224	8.766	9.631	10.42	11.61	12.64	13.99	15.09
105.0	8.984	9.337	10.06	10.65	11.68	12.58	13.94	15.10	16.60	17.88
108.0	10.92	11.30	12.09	12.77	13.88	14.89	16.37	17.69	19.31	20.76
111.0	13.12	13.49	14.34	15.03	16.22	17.29	18.85	20.26	21.99	23.56
114.0	15.54	15.84	16.69	17.39	18.62	19.76	21.38	22.86	24.63	26.24
117.0	18.02	18.30	19.07	19.80	21.04	22.22	23.88	25.42	27.28	28.91
120.0	20.54	20.82	21.53	22.24	23.51	24.68	26.32	27.90	29.83	31.53
123.0	23.14	23.41	24.08	24.69	25.94	27.14	28.76	30.26	32.13	33.85
126.0	25.70	25.95	26.57	27.09	28.23	29.41	31.00	32.44	34.14	35.77
129.0	28.02	28.30	28.83	29.28	30.29	31.34	32.85	34.27	35.82	37.32
132.0	30.17	30.43	30.91	31.27	32.13	33.01	34.36	35.72	37.14	38.56
135.0	32.19	32.39	32.88	33.15	33.85	34.58	35.65	36.84	38.16	39.45
138.0	34.08	34.20	34.67	34.89	35.43	36.00	36.85	37.76	38.88	40.08
141.0	35.82	35.85	36.23	36.51	36.93	37.36	38.02	38.71	39.55	40.55
144.0	37.38	37.36	37.65	37.93	38.30	38.60	39.14	39.66	40.38	41.15
147.0	38.87	38.77	38.96	39.16	39.57	39.79	40.21	40.65	41.22	41.87
150.0	40.26	40.13	40.23	40.34	40.70	41.01	41.36	41.69	42.19	42.76
153.0	41.71	41.56	41.64	41.65	41.97	42.20	42.61	42.90	43.36	43.79
156.0	43.33	43.15	43.23	43.18	43.57	43.93	44.24	44.69	45.04	45.04
159.0	45.37	45.16	45.26	45.14	45.37	45.45	45.82	46.01	46.47	46.78
162.0	47.37	47.26	47.38	47.28	47.54	47.66	47.99	48.13	48.53	48.77
165.0	49.65	49.61	49.74	49.71	49.93	50.05	50.33	50.42	50.75	50.93
168.0	51.52	51.54	51.62	51.70	51.85	52.00	52.24	52.35	52.64	52.80
171.0	53.12	53.20	53.30	53.44	53.59	53.79	54.06	54.17	54.44	54.60
174.0	54.42	54.59	54.68	54.86	54.92	55.16	55.35	55.54	55.75	55.95
177.0	55.04	55.18	55.27	55.41	55.47	55.62	55.83	55.99	56.11	56.34
180.0	56.49	56.58	56.65	56.74	56.80	56.90	57.02	57.08	57.15	57.31
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	5345	5344	5347	5346	5347	5346	5345	5342	5341	5342
3.0	5383	5381	5378	5371	5369	5364	5360	5353	5348	5345
6.0	5453	5443	5436	5421	5414	5402	5393	5380	5369	5361
9.0	5550	5532	5519	5495	5480	5459	5444	5428	5407	5396
12.0	5666	5642	5621	5590	5567	5540	5519	5495	5471	5453
15.0	5807	5776	5749	5708	5677	5643	5616	5590	5561	5536
18.0	5971	5929	5896	5846	5810	5769	5738	5711	5671	5639
21.0	6163	6108	6063	6007	5966	5921	5885	5838	5783	5732
24.0	6378	6310	6256	6193	6141	6076	6018	5951	5880	5810
27.0	6611	6532	6473	6386	6311	6220	6140	6057	5964	5872
30.0	6855	6768	6685	6574	6476	6364	6264	6159	6037	5915
33.0	7120	7008	6896	6756	6636	6505	6387	6257	6105	5947
36.0	7396	7254	7113	6945	6804	6646	6508	6350	6164	5969
39.0	7653	7500	7339	7150	6981	6798	6629	6437	6211	5969
42.0	7899	7738	7553	7344	7157	6949	6752	6514	6239	5945
45.0	8159	7972	7762	7519	7307	7074	6852	6576	6251	5901
48.0	8425	8207	7953	7669	7409	7145	6899	6594	6235	5833
51.0	8695	8427	8100	7741	7406	7090	6814	6508	6163	5733
54.0	8894	8533	8075	7605	7142	6786	6496	6192	5935	5567
57.0	8849	8319	7659	7035	6452	6098	5849	5613	5471	5223
60.0	8339	7600	6723	5984	5347	5020	4835	4683	4689	4604
63.0	7274	6407	5407	4706	4107	3854	3710	3598	3714	3706
66.0	5762	4867	3984	3536	3281	3145	2996	2803	2738	2706
69.0	4157	3539	3135	2814	2596	2662	2719	2602	2318	2005
72.0	3739	3196	2306	1728	1489	1551	1694	1861	2014	1770
75.0	2645	2054	1127	813.9	726.8	717.7	677.1	692.2	924.7	917.3
78.0	692.0	576.0	352.9	300.1	274.2	353.1	363.9	355.2	387.3	400.3
81.0	279.3	219.2	167.6	164.6	173.4	201.1	221.8	240.2	276.5	282.0
84.0	167.7	129.1	99.07	97.35	103.2	119.5	128.5	144.1	179.0	174.1
87.0	68.58	67.42	48.60	47.49	46.32	48.56	50.23	57.46	60.92	57.94
90.0	16.27	15.12	13.58	12.94	12.29	12.57	15.28	17.27	19.64	20.58
93.0	8.891	9.368	10.03	10.56	11.47	12.21	15.05	16.27	17.36	18.99
96.0	11.11	11.76	12.57	13.21	13.99	14.60	18.78	20.35	21.65	23.54
99.0	13.64	14.48	15.51	16.38	17.41	18.01	22.98	24.89	26.42	28.55
102.0	16.35	17.43	18.70	19.79	21.14	22.01	27.46	29.65	31.41	33.65

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

105.0	19.31	20.52	21.96	23.23	24.79	25.92	31.79	34.24	36.21	38.45
108.0	22.33	23.70	25.28	26.74	28.46	29.78	35.90	38.52	40.65	42.95
111.0	25.26	26.80	28.55	30.21	32.16	33.63	40.01	42.70	44.89	47.14
114.0	28.06	29.72	31.66	33.51	35.65	37.30	43.84	46.57	48.74	50.87
117.0	30.68	32.39	34.47	36.47	38.77	40.62	47.04	49.73	51.88	53.84
120.0	33.38	35.07	37.07	39.07	41.37	43.23	49.43	52.07	54.09	56.00
123.0	35.75	37.52	39.61	41.60	43.81	45.56	51.54	54.08	56.09	57.96
126.0	37.58	39.38	41.45	43.53	45.72	47.43	53.20	55.54	57.54	59.29
129.0	38.99	40.71	42.70	44.78	46.84	48.52	54.26	56.32	58.23	59.80
132.0	40.06	41.67	43.54	45.55	47.44	49.01	54.74	56.59	58.34	59.85
135.0	40.88	42.34	44.04	45.97	47.60	48.94	54.83	56.49	58.06	59.43
138.0	41.35	42.70	44.11	45.87	47.33	48.51	54.74	56.15	57.52	58.67
141.0	41.65	42.91	44.15	45.50	46.74	47.85	54.44	55.62	56.76	57.73
144.0	41.99	43.11	44.22	45.21	46.27	47.29	54.34	55.11	56.00	56.81
147.0	42.63	43.48	44.46	45.35	46.26	47.18	54.27	54.78	55.46	56.18
150.0	43.44	44.17	45.08	46.00	46.85	47.77	54.57	54.85	55.43	56.09
153.0	44.41	45.06	45.89	46.82	47.74	48.69	54.88	55.05	55.51	56.10
156.0	45.55	46.11	46.87	47.70	48.71	49.76	55.19	55.29	55.63	56.15
159.0	47.30	47.75	48.49	49.13	50.19	51.33	55.62	55.61	55.81	56.24
162.0	49.34	49.81	50.51	51.13	52.11	53.27	56.22	56.07	56.11	56.40
165.0	51.46	51.92	52.53	53.10	53.98	55.12	56.92	56.66	56.53	56.68
168.0	53.30	53.69	54.18	54.70	55.51	56.60	57.77	57.35	57.12	57.15
171.0	55.01	55.30	55.75	56.22	57.04	58.07	58.75	58.23	57.83	57.73
174.0	56.25	56.56	56.90	57.48	58.41	59.28	59.66	59.09	58.54	58.27
177.0	56.57	56.80	57.09	57.56	58.47	59.81	59.87	59.46	58.96	58.56
180.0	57.44	57.57	57.74	58.15	58.98	60.26	59.64	59.33	58.82	58.40
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	5340	5342	5343	5342	5342	5339	5338	5337	5338	5337
3.0	5339	5336	5333	5329	5326	5320	5316	5313	5311	5308
6.0	5351	5344	5337	5331	5323	5314	5307	5301	5296	5289
9.0	5382	5371	5358	5348	5334	5321	5308	5297	5288	5276
12.0	5432	5415	5394	5376	5356	5335	5315	5297	5281	5265
15.0	5504	5476	5443	5416	5386	5358	5329	5301	5275	5248
18.0	5593	5554	5506	5464	5418	5375	5336	5296	5261	5224
21.0	5671	5610	5546	5482	5417	5356	5301	5253	5214	5173
24.0	5727	5644	5561	5472	5388	5310	5244	5186	5141	5096
27.0	5765	5657	5549	5440	5343	5249	5172	5102	5049	4994
30.0	5781	5644	5512	5382	5272	5165	5078	4992	4926	4863
33.0	5778	5606	5448	5295	5169	5047	4946	4847	4774	4698
36.0	5755	5547	5356	5176	5031	4888	4776	4664	4581	4491
39.0	5711	5458	5233	5025	4854	4690	4561	4431	4335	4237
42.0	5640	5341	5078	4832	4631	4438	4292	4146	4042	3933
45.0	5544	5191	4885	4595	4363	4142	3982	3815	3702	3572
48.0	5419	5010	4651	4320	4060	3814	3633	3452	3325	3182
51.0	5268	4798	4389	4021	3734	3468	3273	3078	2935	2730
54.0	5089	4575	4121	3712	3400	3112	2916	2694	2500	2279
57.0	4874	4342	3844	3404	3073	2781	2575	2319	2143	1958
60.0	4439	4032	3561	3093	2765	2467	2254	2026	1879	1735
63.0	3692	3406	3105	2718	2441	2171	1983	1796	1687	1501
66.0	2758	2542	2390	2139	1998	1800	1688	1539	1377	1122
69.0	1882	1711	1615	1456	1411	1306	1277	1123	953.4	761.4
72.0	1480	1192	1046	847.3	808.5	774.4	796.5	682.5	629.7	569.2
75.0	829.2	572.0	441.7	410.7	409.8	422.2	464.3	469.8	483.6	479.9
78.0	358.4	320.9	311.3	289.1	300.3	309.1	344.9	370.8	391.7	405.9
81.0	265.5	211.9	199.6	200.4	208.0	226.4	280.7	289.9	302.4	317.9
84.0	143.6	116.9	114.8	119.2	124.9	134.5	154.5	149.8	161.4	152.2
87.0	57.37	49.78	49.68	45.50	47.27	43.32	43.12	37.86	34.70	28.66
90.0	21.86	21.89	22.99	23.75	24.55	24.68	24.81	23.10	21.33	18.65
93.0	20.22	21.86	22.78	23.84	24.00	24.22	23.52	22.85	21.38	20.25
96.0	24.88	26.63	27.53	28.65	28.79	29.00	28.20	27.52	25.97	24.82
99.0	30.01	31.79	32.68	33.84	33.94	34.17	33.35	32.65	31.01	29.81
102.0	35.10	36.83	37.65	38.69	38.86	39.07	38.35	37.67	36.10	34.87
105.0	39.84	41.39	42.14	43.04	43.11	43.22	42.56	41.93	40.60	39.51
108.0	44.33	45.81	46.42	47.07	46.95	46.89	46.25	45.77	44.63	43.77
111.0	48.51	49.82	50.29	50.65	50.39	50.24	49.71	49.38	48.48	47.73
114.0	52.14	53.23	53.52	53.72	53.37	53.26	52.90	52.70	51.89	51.26
117.0	54.98	55.88	56.09	56.37	56.28	56.37	56.03	55.72	55.03	54.57
120.0	57.10	58.06	58.40	58.91	58.95	59.04	58.72	58.63	58.15	57.81
123.0	59.10	60.01	60.33	60.62	60.62	60.75	60.83	61.08	60.85	60.68
126.0	60.43	61.16	61.40	61.58	61.67	61.94	62.26	62.61	62.64	62.89
129.0	60.94	61.61	61.92	62.14	62.34	62.62	62.98	63.32	63.64	64.15
132.0	60.89	61.57	61.94	62.25	62.42	62.64	62.95	63.41	63.93	64.67
135.0	60.35	61.00	61.46	61.71	61.89	62.06	62.44	63.03	63.79	64.62
138.0	59.48	60.04	60.46	60.67	60.94	61.23	61.80	62.56	63.37	64.21

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

141.0	58.46	58.94	59.34	59.64	60.03	60.54	61.21	62.01	62.82	63.74
144.0	57.49	58.00	58.45	58.98	59.46	60.01	60.66	61.37	62.19	63.01
147.0	56.83	57.52	58.06	58.63	59.09	59.56	60.11	60.74	61.51	61.99
150.0	56.74	57.39	57.88	58.38	58.79	59.22	59.71	60.30	60.69	61.03
153.0	56.66	57.24	57.70	58.16	58.51	58.93	59.39	59.64	59.88	60.18
156.0	56.67	57.18	57.64	58.07	58.42	58.73	58.94	59.18	59.32	59.59
159.0	56.73	57.16	57.60	57.96	58.18	58.41	58.64	58.88	58.96	59.21
162.0	56.79	57.14	57.43	57.75	57.98	58.21	58.41	58.55	58.61	58.91
165.0	56.96	57.22	57.50	57.78	58.02	58.20	58.35	58.43	58.68	58.86
168.0	57.28	57.50	57.69	57.88	58.06	58.21	58.24	58.39	58.63	58.75
171.0	57.69	57.77	57.87	57.98	58.08	58.20	58.19	58.28	58.50	58.58
174.0	58.10	58.00	58.04	58.05	57.99	58.04	57.91	57.97	58.14	58.12
177.0	58.32	58.11	57.99	58.00	57.85	57.72	57.48	57.51	57.50	57.45
180.0	58.12	57.87	57.73	57.57	57.38	57.03	56.78	56.73	56.61	56.47
g/c	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	5340	5338	5339	5336	5335	5333	5337	5337	5341	5340
3.0	5308	5304	5303	5299	5298	5301	5301	5299	5303	5306
6.0	5285	5280	5277	5272	5270	5267	5273	5273	5279	5282
9.0	5269	5260	5255	5249	5246	5245	5252	5254	5259	5266
12.0	5251	5237	5227	5219	5214	5213	5220	5226	5236	5248
15.0	5228	5208	5193	5181	5175	5173	5181	5189	5203	5219
18.0	5197	5169	5152	5135	5127	5124	5134	5142	5161	5186
21.0	5144	5115	5094	5075	5066	5062	5074	5086	5110	5136
24.0	5062	5027	5007	4984	4976	4972	4987	5004	5035	5064
27.0	4956	4914	4890	4860	4852	4848	4873	4894	4931	4968
30.0	4818	4771	4740	4706	4699	4698	4727	4758	4804	4849
33.0	4651	4596	4563	4527	4522	4521	4555	4594	4650	4699
36.0	4441	4379	4349	4313	4314	4312	4350	4390	4455	4511
39.0	4184	4119	4086	4051	4055	4053	4098	4141	4214	4276
42.0	3871	3794	3754	3712	3720	3723	3777	3831	3918	3993
45.0	3503	3407	3363	3309	3323	3325	3397	3460	3566	3653
48.0	3091	2970	2895	2831	2836	2856	2943	3040	3167	3277
51.0	2580	2422	2336	2236	2244	2253	2379	2489	2681	2856
54.0	2155	1999	1917	1825	1831	1834	1942	2044	2222	2371
57.0	1841	1729	1678	1640	1647	1643	1686	1749	1882	2030
60.0	1640	1537	1478	1385	1396	1410	1512	1568	1671	1780
63.0	1328	1085	963.2	891.9	897.1	905.7	1010	1179	1422	1578
66.0	906.2	793.8	782.3	764.3	766.6	770.4	795.3	818.6	996.0	1242
69.0	675.9	644.9	639.5	623.4	627.9	633.2	656.6	674.2	722.2	870.2
72.0	561.4	554.0	552.5	542.7	543.9	547.5	561.5	566.7	582.4	608.3
75.0	486.5	486.1	488.0	481.0	486.1	486.2	496.7	498.8	505.2	506.1
78.0	417.7	419.1	420.7	415.1	421.3	420.6	431.1	434.0	434.8	430.1
81.0	329.2	328.0	333.2	332.6	344.1	340.8	348.7	351.6	355.9	343.4
84.0	153.2	138.4	134.4	123.2	131.5	131.4	172.2	186.0	208.7	215.3
87.0	24.23	16.78	13.52	12.38	12.36	12.65	15.26	22.04	29.27	27.81
90.0	16.34	14.15	12.69	12.25	11.78	12.00	12.67	15.01	17.60	15.63
93.0	18.64	17.68	16.52	16.10	15.57	15.83	15.99	17.08	18.06	19.56
96.0	23.15	22.16	20.89	20.45	19.88	20.21	20.34	21.32	22.14	23.64
99.0	28.04	27.05	25.71	25.29	24.68	25.05	25.16	26.18	26.96	28.48
102.0	33.12	32.13	30.81	30.40	29.81	30.18	30.35	31.36	32.14	33.65
105.0	37.94	37.03	35.84	35.48	34.94	35.25	35.37	36.29	37.01	38.42
108.0	42.40	41.65	40.60	40.30	39.76	40.08	40.16	40.97	41.55	42.76
111.0	46.51	45.87	45.03	44.78	44.32	44.55	44.56	45.21	45.70	46.86
114.0	50.21	49.72	49.03	48.88	48.44	48.66	48.61	49.11	49.51	50.54
117.0	53.69	53.40	52.95	52.80	52.39	52.63	52.60	52.94	53.16	54.02
120.0	57.08	57.07	56.80	56.64	56.23	56.52	56.57	56.82	56.79	57.48
123.0	60.38	60.52	60.35	60.21	59.85	60.16	60.29	60.65	60.46	60.79
126.0	62.97	63.35	63.19	63.19	62.98	63.34	63.63	64.14	63.87	63.95
129.0	64.61	65.23	65.16	65.34	65.27	65.76	66.07	66.74	66.49	66.33
132.0	65.36	66.03	66.17	66.47	66.64	67.11	67.57	68.19	68.24	67.75
135.0	65.44	66.01	66.29	66.68	66.94	67.43	67.92	68.47	68.75	68.27
138.0	65.11	65.50	65.91	66.32	66.61	66.99	67.41	67.87	68.20	68.09
141.0	64.35	64.70	65.17	65.57	65.82	66.06	66.42	66.81	67.14	67.37
144.0	63.50	63.87	64.37	64.74	64.92	65.08	65.33	65.64	65.97	66.21
147.0	62.44	62.86	63.37	63.75	63.94	64.04	64.26	64.44	64.72	64.91
150.0	61.41	61.80	62.31	62.54	62.84	62.97	63.18	63.37	63.61	63.78
153.0	60.52	60.91	61.33	61.58	61.81	61.97	62.20	62.36	62.57	62.73
156.0	59.85	60.20	60.57	60.84	61.09	61.26	61.29	61.48	61.50	61.67
159.0	59.41	59.69	59.97	60.24	60.45	60.62	60.70	60.94	61.04	60.97
162.0	59.07	59.28	59.51	59.76	59.91	60.03	60.16	60.39	60.51	60.56
165.0	59.01	59.18	59.31	59.49	59.64	59.82	59.98	60.12	60.20	60.31
168.0	58.84	58.95	59.04	59.27	59.42	59.52	59.73	59.84	59.85	60.01
171.0	58.59	58.64	58.72	58.94	59.09	59.26	59.38	59.55	59.56	59.66
174.0	58.10	58.10	58.19	58.15	58.42	58.57	58.74	58.85	58.90	58.93

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

177.0	57.31	57.26	57.25	57.33	57.48	57.59	57.62	57.78	57.86	57.99
180.0	56.24	56.10	56.04	56.13	56.18	56.33	56.48	56.59	56.61	56.76
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	5343	5340	5342	5341	5342	5341	5345	5344	5347	5346
3.0	5310	5309	5312	5314	5317	5320	5326	5329	5335	5337
6.0	5289	5291	5298	5302	5309	5315	5322	5331	5339	5345
9.0	5276	5283	5293	5300	5313	5324	5335	5348	5358	5369
12.0	5261	5274	5292	5306	5323	5339	5357	5375	5393	5410
15.0	5240	5262	5286	5310	5336	5361	5387	5415	5443	5468
18.0	5218	5248	5284	5320	5356	5393	5429	5469	5508	5547
21.0	5172	5209	5255	5302	5355	5408	5464	5521	5578	5631
24.0	5105	5147	5200	5259	5327	5401	5479	5555	5626	5697
27.0	5021	5069	5134	5201	5288	5379	5476	5570	5663	5755
30.0	4911	4974	5051	5135	5234	5339	5453	5568	5686	5805
33.0	4775	4847	4943	5040	5154	5274	5410	5549	5695	5843
36.0	4601	4686	4798	4908	5041	5178	5341	5508	5687	5874
39.0	4378	4476	4606	4737	4892	5053	5245	5444	5665	5895
42.0	4108	4219	4363	4514	4697	4890	5117	5352	5618	5896
45.0	3793	3912	4081	4246	4463	4683	4952	5233	5549	5878
48.0	3428	3570	3759	3949	4193	4444	4751	5083	5453	5839
51.0	3052	3208	3414	3624	3893	4174	4520	4905	5341	5778
54.0	2635	2837	3064	3278	3570	3877	4270	4713	5208	5683
57.0	2239	2451	2717	2938	3242	3580	4024	4516	5054	5496
60.0	1948	2124	2383	2616	2929	3290	3764	4292	4803	5085
63.0	1746	1872	2092	2318	2628	2978	3473	3920	4279	4339
66.0	1512	1660	1836	2012	2276	2537	2889	3178	3430	3389
69.0	1108	1322	1477	1570	1737	1854	2082	2248	2460	2437
72.0	722.2	844.8	1020	1012	1065	1166	1322	1463	1685	1955
75.0	526.9	535.6	571.6	577.5	583.0	580.3	796.8	1030	1351	1558
78.0	422.0	401.1	380.6	359.9	355.1	352.1	387.0	419.5	565.6	565.0
81.0	336.8	333.2	307.1	263.0	253.6	242.4	268.4	281.9	323.5	310.3
84.0	215.2	204.5	194.6	154.6	146.6	149.6	134.8	157.1	202.2	214.1
87.0	41.01	41.57	53.16	55.06	59.35	60.49	61.99	64.68	80.47	97.91
90.0	18.91	24.48	28.68	30.24	32.43	31.46	32.58	31.74	35.77	36.10
93.0	20.74	22.05	23.33	23.95	24.04	23.33	22.63	21.59	20.91	19.61
96.0	24.64	25.96	26.50	27.07	26.73	26.40	25.20	24.18	22.49	21.15
99.0	29.47	30.86	31.39	32.01	31.63	31.32	30.12	29.12	27.34	25.90
102.0	34.67	36.03	36.53	37.08	36.70	36.33	35.16	34.18	32.45	30.94
105.0	39.39	40.63	41.10	41.56	41.19	40.86	39.83	38.99	37.39	35.96
108.0	43.54	44.58	45.05	45.54	45.35	45.15	44.26	43.49	41.98	40.62
111.0	47.49	48.34	48.68	49.17	49.16	49.21	48.55	47.86	46.43	45.03
114.0	51.17	51.89	52.01	52.40	52.51	52.73	52.31	51.76	50.48	49.11
117.0	54.44	55.17	55.38	55.52	55.41	55.58	55.31	54.96	53.95	52.69
120.0	57.63	58.12	58.36	58.62	58.36	58.14	57.67	57.33	56.45	55.38
123.0	60.86	60.93	60.83	60.97	60.72	60.51	59.89	59.36	58.40	57.26
126.0	63.62	63.47	62.93	62.69	62.25	61.89	61.36	60.80	59.89	58.75
129.0	65.74	65.28	64.54	63.88	63.12	62.49	61.90	61.29	60.55	59.45
132.0	67.06	66.32	65.48	64.53	63.52	62.61	61.79	61.14	60.42	59.43
135.0	67.55	66.80	65.76	64.64	63.46	62.40	61.42	60.63	59.87	58.90
138.0	67.39	66.78	65.85	64.57	63.22	61.99	60.90	60.04	59.21	58.25
141.0	66.88	66.36	65.69	64.61	63.20	61.76	60.49	59.49	58.58	57.62
144.0	66.16	65.68	65.20	64.40	63.25	61.91	60.55	59.31	58.27	57.25
147.0	65.03	64.77	64.41	63.91	63.08	62.04	60.88	59.66	58.52	57.42
150.0	63.88	63.84	63.67	63.30	62.80	62.09	61.18	60.14	59.08	58.10
153.0	62.79	62.79	62.81	62.70	62.35	61.97	61.31	60.45	59.51	58.62
156.0	61.72	61.73	61.77	61.80	61.75	61.60	61.18	60.53	59.72	58.94
159.0	61.07	61.10	61.13	61.12	61.06	61.06	60.94	60.63	60.01	59.32
162.0	60.56	60.57	60.50	60.51	60.50	60.49	60.55	60.46	60.09	59.54
165.0	60.29	60.33	60.25	60.23	60.22	60.24	60.30	60.36	60.24	59.87
168.0	59.97	60.06	60.02	59.99	59.98	60.02	60.09	60.23	60.28	60.19
171.0	59.57	59.69	59.70	59.71	59.70	59.74	59.85	59.99	60.17	60.35
174.0	58.90	58.96	59.01	58.97	59.08	59.18	59.40	59.52	59.84	60.24
177.0	58.02	58.11	58.19	58.21	58.23	58.38	58.53	58.68	58.91	59.37
180.0	56.79	56.90	57.02	57.09	57.15	57.31	57.44	57.59	57.76	58.13
G/C	350.0	355.0								
0.0	5347	5346								
3.0	5342	5346								
6.0	5354	5363								
9.0	5382	5398								
12.0	5428	5450								
15.0	5492	5519								
18.0	5578	5611								
21.0	5679	5727								

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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]

24.0	5766	5836
27.0	5846	5938
30.0	5919	6029
33.0	5989	6128
36.0	6054	6226
39.0	6116	6322
42.0	6166	6409
45.0	6198	6484
48.0	6211	6528
51.0	6196	6499
54.0	6108	6323
57.0	5814	5935
60.0	5260	5200
63.0	4325	4163
66.0	3278	3131
69.0	2499	2612
72.0	2265	2307
75.0	1598	1206
78.0	492.8	398.1
81.0	288.3	262.6
84.0	196.7	167.1
87.0	108.8	89.15
90.0	39.61	33.46
93.0	18.73	17.21
96.0	19.48	18.56
99.0	23.99	22.86
102.0	28.91	27.56
105.0	33.86	32.29
108.0	38.50	36.74
111.0	42.87	41.01
114.0	47.01	45.12
117.0	50.78	48.85
120.0	53.58	51.73
123.0	55.59	53.85
126.0	57.22	55.59
129.0	58.10	56.59
132.0	58.19	56.86
135.0	57.72	56.49
138.0	57.03	55.82
141.0	56.45	55.18
144.0	56.05	54.76
147.0	56.21	54.82
150.0	57.02	55.67
153.0	57.82	56.61
156.0	58.31	57.36
159.0	58.77	58.09
162.0	59.21	58.83
165.0	59.64	59.53
168.0	60.10	60.11
171.0	60.47	60.65
174.0	60.75	61.07
177.0	60.16	60.88
180.0	59.00	60.23

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:13 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks: