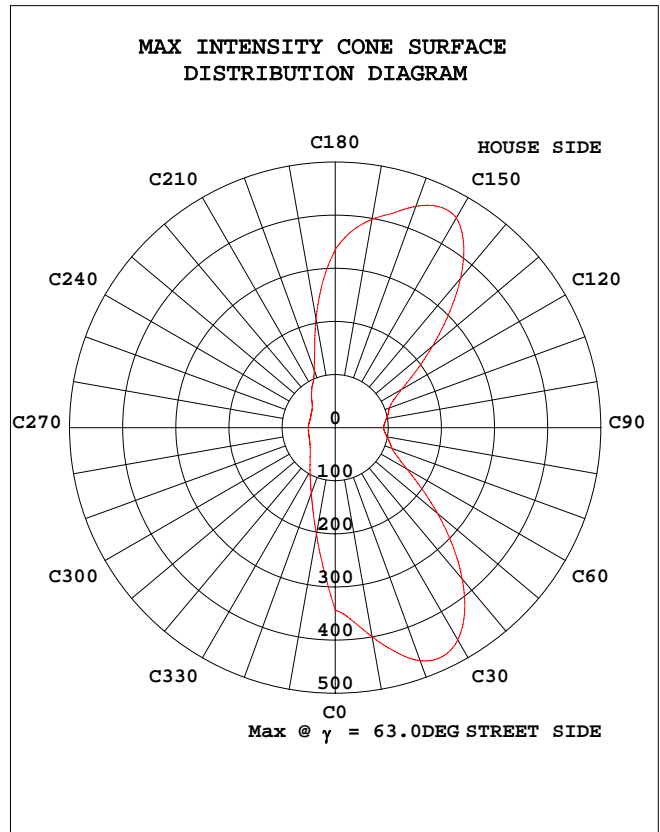
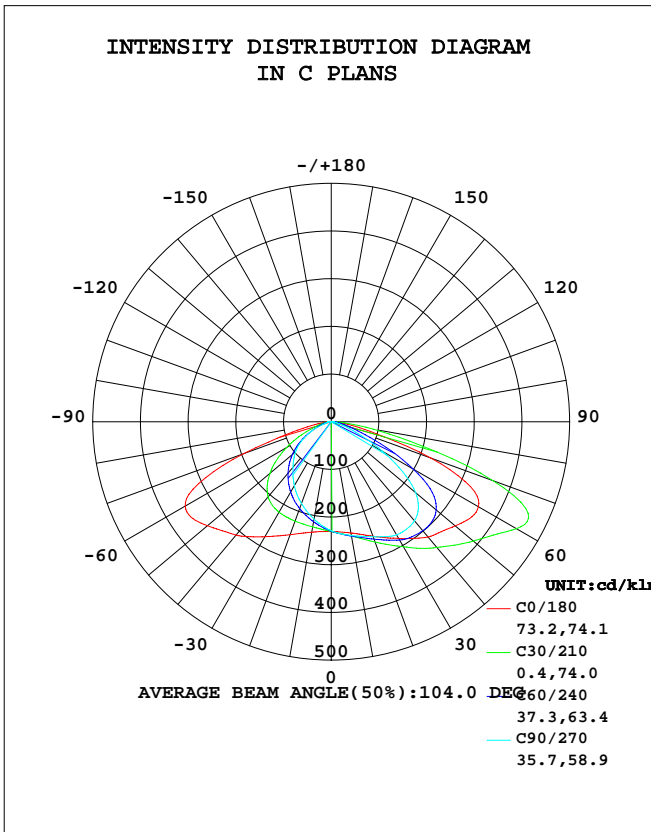


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:12.3V I:1.697A P:20.87W PF:1.000 Freq:0Hz Lamp Flux:3180.47x1 lm		
NAME: LD-SWL-40W-20	TYPE:LD-SWL-40W-20	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

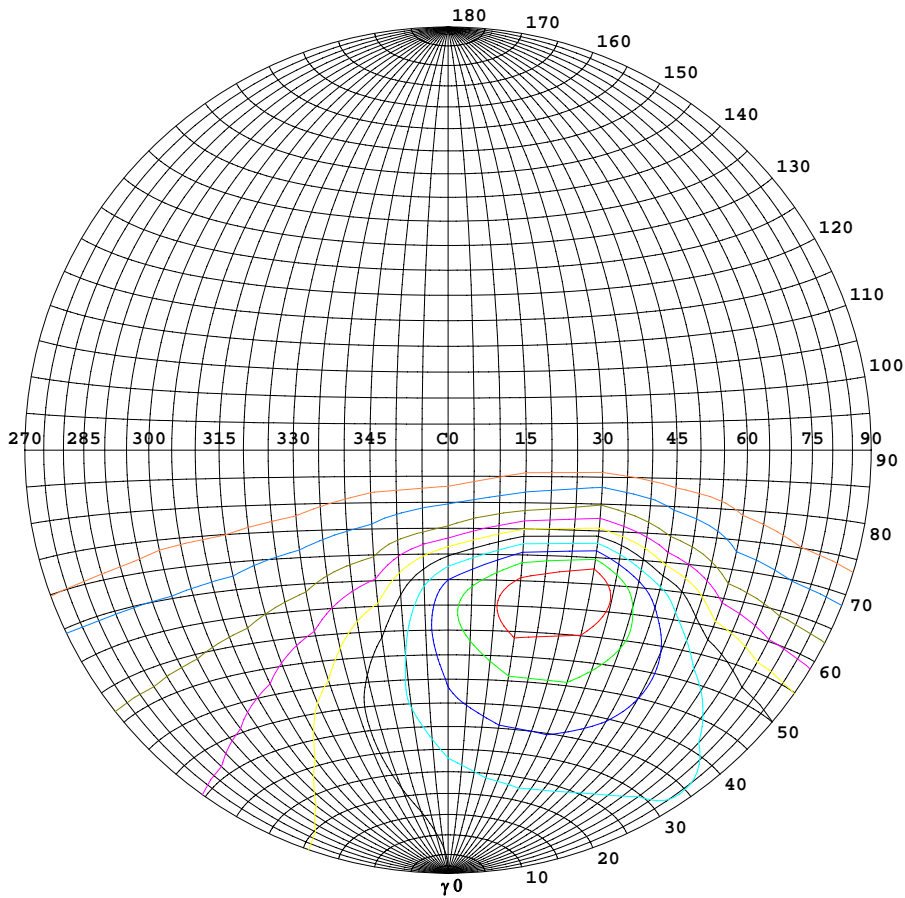
DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.02 lm/W			
MODEL	LD-SWL-40W-20	Imax(cd/klm)	461.3	η street_up(%)	0.2
NOMINAL POWER(W)	20	LOR(%)	100.0	η street_down(%)	53.3
RATED VOLTAGE(V)		TOTAL FLUX(lm/klm)	1000	η house_up(%)	0.2
NOMINAL FLUX(lm)	3180.47	MAXIMUM @(C, γ)	30,63.0	η house_down(%)	46.4
LAMPS INSIDE	1	η up(%)	0.4	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	99.6	SLI	



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

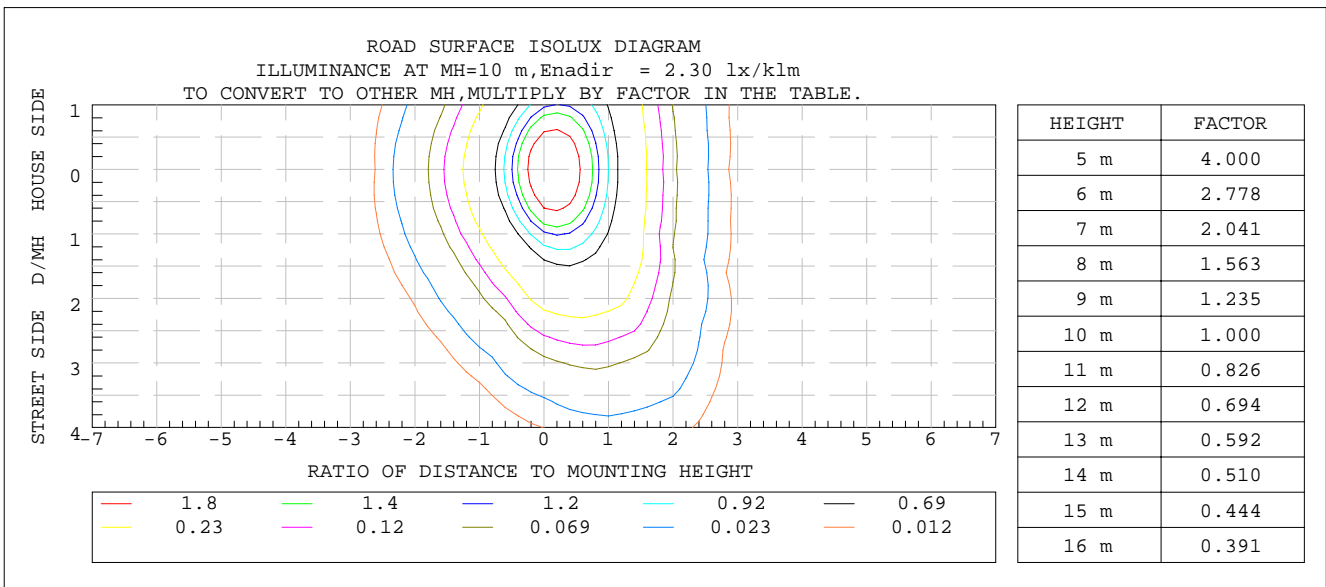
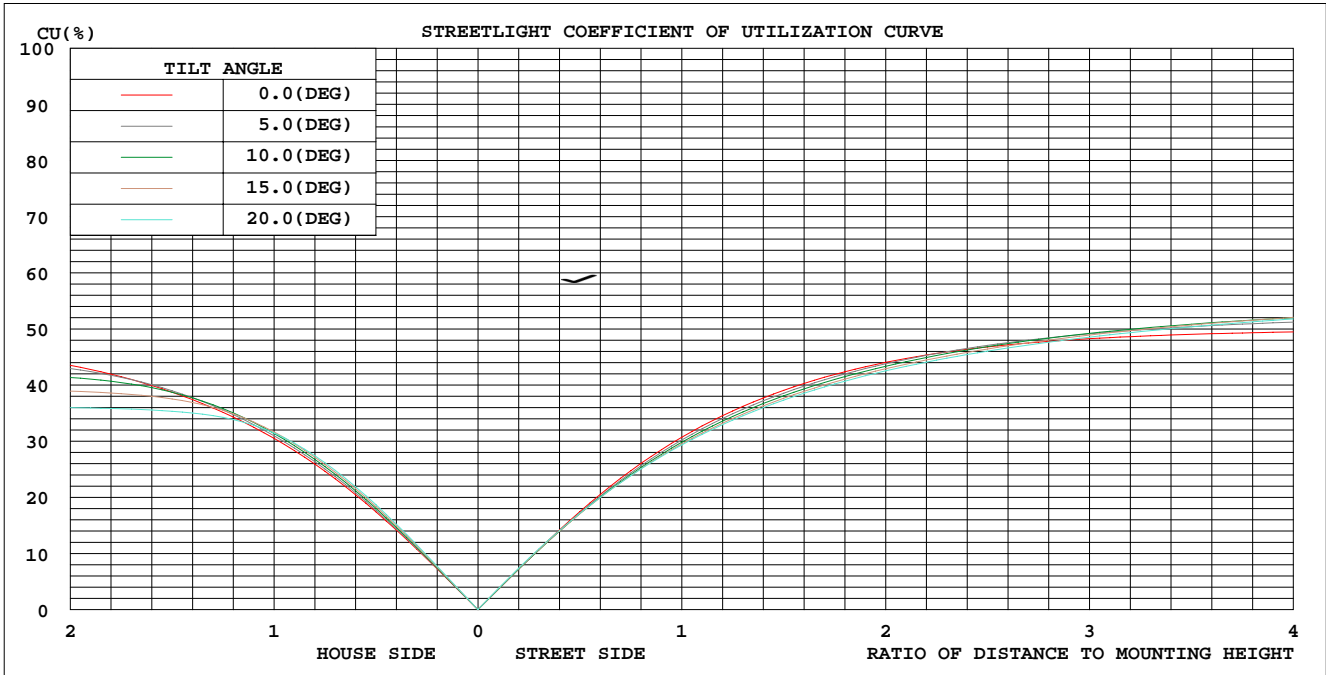
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:89.34cd/klm
 Max.At90:4.248cd/klm
 Max.80-90:89.34cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	461
90%	415
80%	369
70%	323
60%	277
50%	231
40%	185
30%	138
20%	92
10%	46
5%	23

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

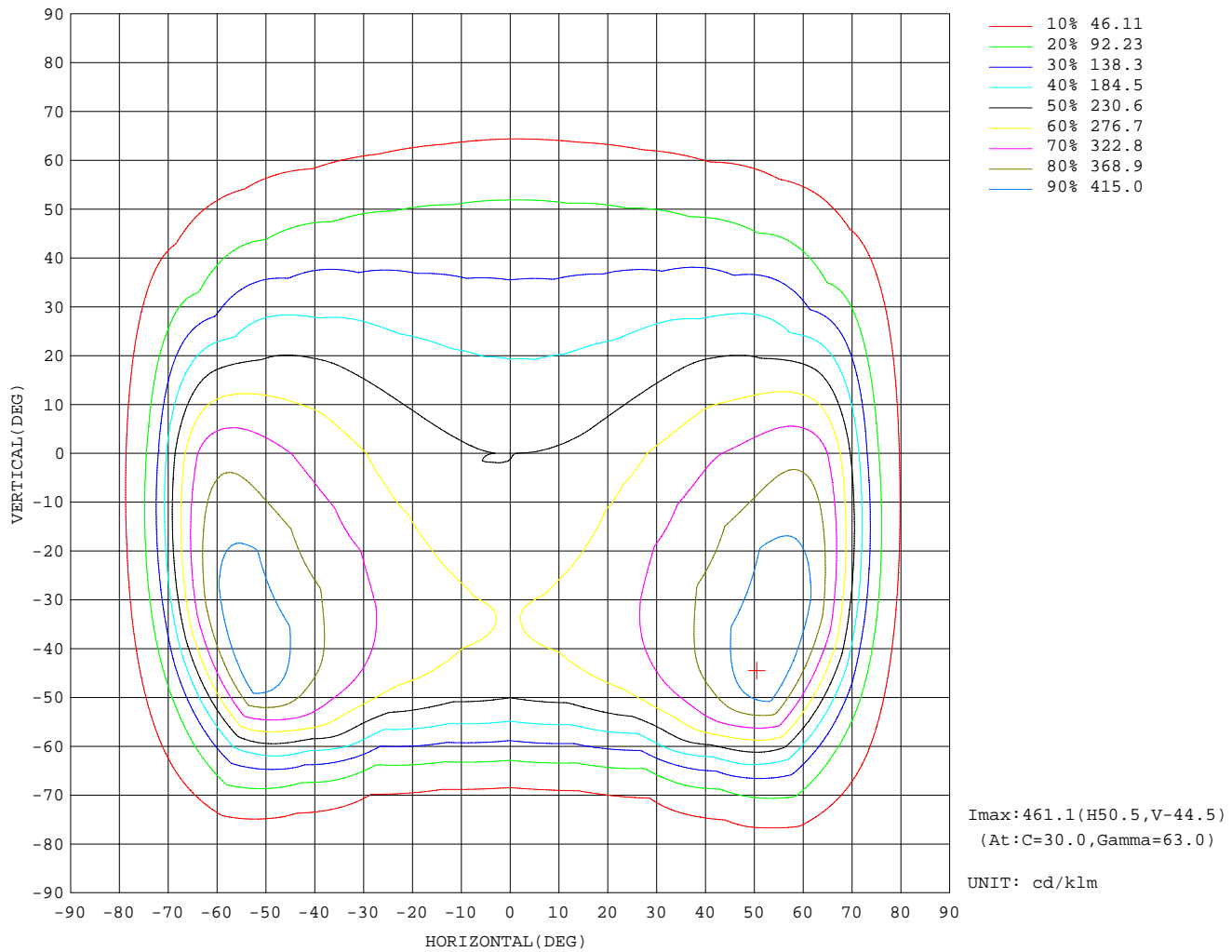
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	236.9	243.4	242.3	241.5	235.3	218.1	207.7	215.0	0- 10	21.86	21.86	2.19,2.19
20	255.6	265.9	256.7	263.3	252.1	206.2	182.6	202.8	10- 20	65.86	87.72	8.77,8.77
30	282.8	296.4	274.0	293.2	278.4	190.4	154.9	187.1	20- 30	111.0	198.8	19.9,19.9
40	315.5	324.2	271.4	320.9	310.5	163.5	124.9	162.8	30- 40	155.3	354.1	35.4,35.4
50	339.6	346.2	231.0	344.1	339.2	125.0	97.81	127.1	40- 50	190.8	544.9	54.5,54.5
60	356.4	334.9	125.0	328.2	353.6	76.54	62.57	81.71	50- 60	204.8	749.8	75,75
70	221.8	174.3	36.65	153.6	194.8	33.07	22.02	36.81	60- 70	166.6	916.3	91.6,91.6
80	43.21	41.63	9.758	35.43	35.42	11.69	8.651	13.43	70- 80	67.09	983.4	98.3,98.3
90	1.513	1.289	0.0529	0.5393	1.305	0.4083	0.4081	1.258	80- 90	13.04	996.5	99.6,99.6
100	0.3764	0.0469	0.0225	0.0582	0.3921	0.3371	0.0714	0.2978	90-100	0.2969	996.8	99.7,99.7
110	0.6670	0.1594	0.1141	0.1745	0.6750	0.6146	0.2588	0.5771	100-110	0.3148	997.1	99.7,99.7
120	0.8434	0.3662	0.6734	0.3755	0.8492	0.8003	0.7581	0.7909	110-120	0.4997	997.6	99.8,99.8
130	0.9203	0.5597	0.9594	0.5454	0.8979	0.8942	0.9774	0.9916	120-130	0.6806	998.3	99.8,99.8
140	0.8811	0.6748	0.9093	0.5164	0.8453	0.9352	1.001	1.005	130-140	0.6388	998.9	99.9,99.9
150	0.8005	0.6111	0.7833	0.5698	0.7798	0.8432	0.9500	0.8679	140-150	0.4771	999.4	99.9,99.9
160	0.7760	0.6692	0.6016	0.6336	0.7629	0.7929	0.8041	0.8060	150-160	0.3333	999.7	100,100
170	0.7742	0.7311	0.6617	0.6805	0.7629	0.7985	0.8097	0.7911	160-170	0.2077	999.9	100,100
180	0.7648	0.7592	0.7517	0.7442	0.7629	0.7723	0.7592	0.7517	170-180	0.0714	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

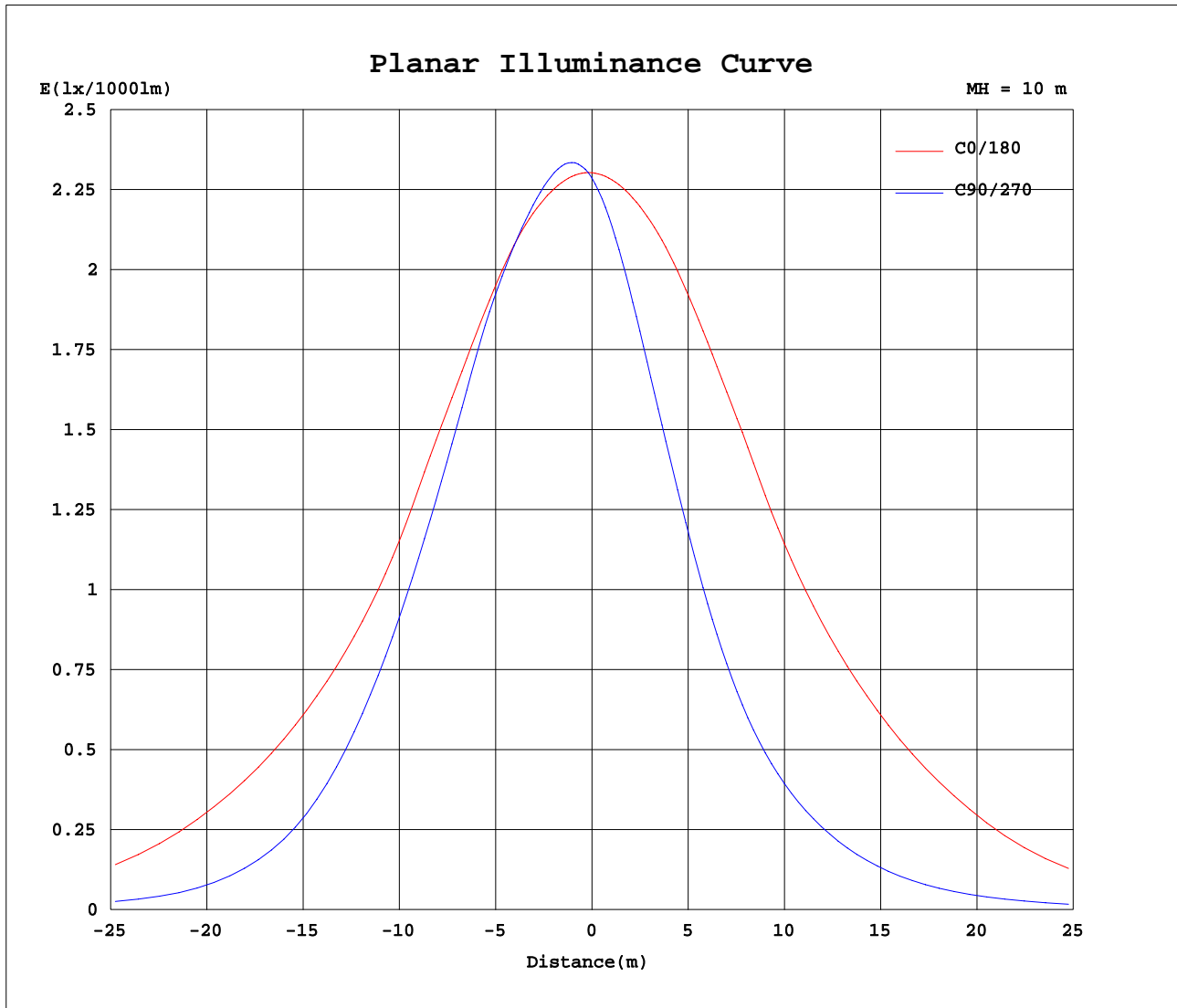
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-08-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 11.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



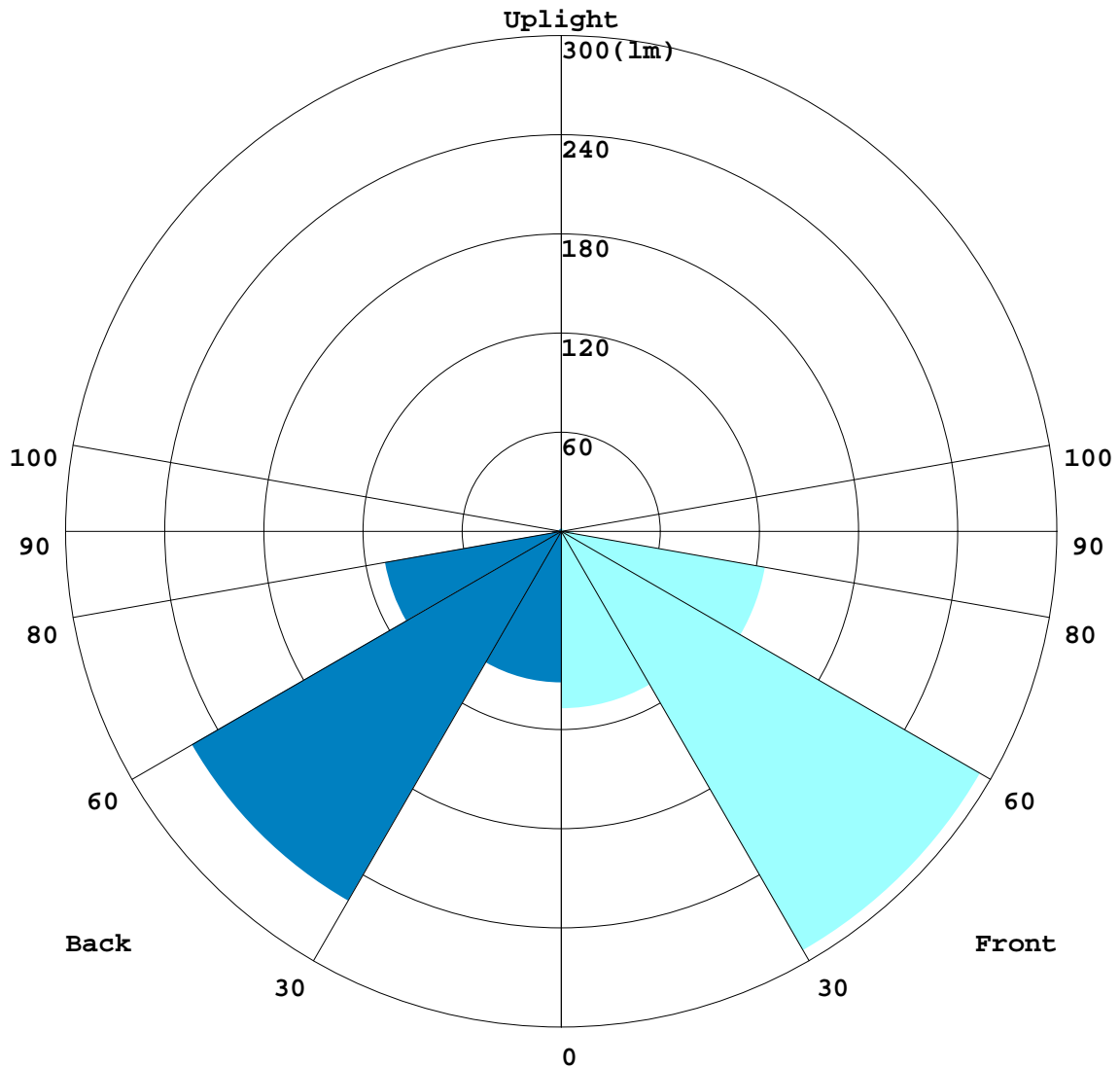
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 11.100m [K=1.0000]
Remarks:

LCS REPORT

Test:U:12.3V I:1.697A P:20.87W PF:1.000 Freq:0Hz Lamp Flux:3180.47x1 lm		
NAME: LD-SWL-40W-20	TYPE:LD-SWL-40W-20	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:12.3V I:1.697A P:20.87W PF:1.000 Freq:0Hz Lamp Flux:3180.47x1 lm		
NAME: LD-SWL-40W-20	TYPE:LD-SWL-40W-20	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	107.17	10.7
FM - Front-Medium(30-60)	292.83	29.3
FH - Front-High(60-80)	125.35	12.5
FVH - Front-Very High(80-90)	7.5922	0.8
Total Forward Light	534.87	53.5

BL - Back-Low(0-30)	91.591	9.2
BM - Back-Medium(30-60)	258.17	25.8
BH - Back-High(60-80)	108.32	10.8
BVH - Back-Very High(80-90)	5.4512	0.5
Total Back Light	465.13	46.5

UL - Uplight-Low(90-100)	0.29694	0.0
UH - Uplight-High(100-180)	3.2234	0.3
Total Up Light	3.5203	0.4

BUG(Back,Up,Glare) Rating	B1-U1-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	463.54	1.5903	465.13
Street Side	532.94	1.93	534.87

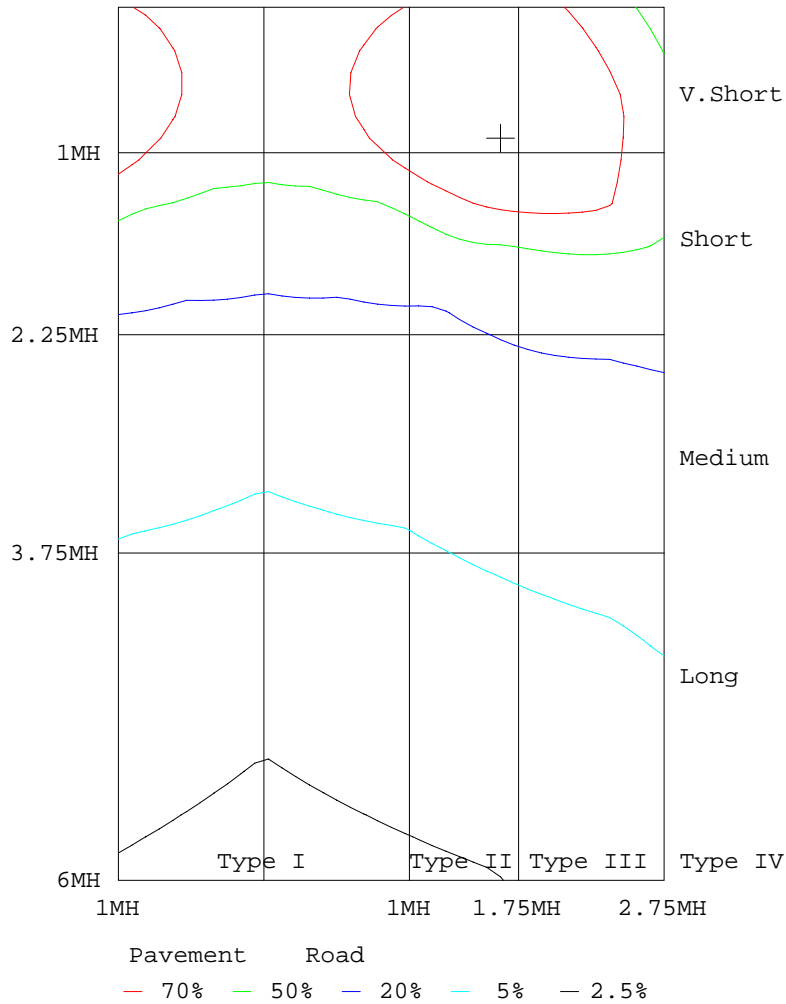
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:12.3V I:1.697A P:20.87W PF:1.000 Freq:0Hz Lamp Flux:3180.47x1 lm		
NAME: LD-SWL-40W-20	TYPE:LD-SWL-40W-20	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	230	230	230	230	230	229	229	228	228	227	227	226	230	230	230	230	230	229	229
5	232	234	236	236	236	236	236	235	235	234	232	230	231	229	227	224	222	220	219
10	237	241	243	243	243	242	242	242	242	241	240	236	235	230	224	218	213	209	208
15	245	251	254	253	252	249	249	249	251	251	250	245	242	233	223	212	204	197	195
20	256	265	269	266	262	258	257	258	261	263	264	258	252	238	222	206	194	185	183
25	268	280	284	280	274	268	266	267	272	277	280	273	264	244	221	199	183	172	169
30	283	298	303	296	286	277	274	277	284	293	298	291	278	251	219	190	170	158	155
35	299	320	324	312	295	281	275	279	292	309	319	313	294	257	215	179	156	144	140
40	316	342	344	324	299	279	271	278	296	321	339	333	310	261	206	164	141	128	125
45	326	364	366	336	298	269	258	268	295	333	362	358	323	257	190	145	124	113	111
50	340	392	389	346	287	246	231	245	284	344	387	388	339	245	168	125	106	98.3	97.8
55	354	423	415	351	259	202	183	199	252	348	416	418	354	221	140	102	86.5	81.1	81.7
60	356	441	449	335	199	142	125	139	188	328	450	430	354	180	108	76.5	64.9	61.5	62.6
65	322	422	456	286	127	83.3	70.7	81.0	117	268	443	395	307	128	75.2	52.0	44.6	42.8	43.8
70	222	336	360	174	67.2	44.8	36.7	43.4	61.7	154	321	283	195	75.3	46.4	33.1	28.8	25.9	22.0
75	98.6	182	199	87.4	36.9	23.3	18.0	22.6	33.7	75.5	161	131	84.8	43.1	27.0	20.3	18.3	12.3	12.1
80	43.2	66.3	89.3	41.6	20.7	12.4	9.76	12.0	18.8	35.4	68.8	50.2	35.4	24.3	15.0	11.7	9.96	6.97	8.65
85	13.5	26.8	28.3	16.5	11.0	7.04	5.05	6.71	9.65	13.0	21.3	18.4	8.93	11.0	4.97	5.28	4.97	4.76	6.54
90	1.51	4.25	3.25	1.29	0.40	0.14	0.05	0.10	0.20	0.54	1.01	1.72	1.31	1.33	0.77	0.41	0.23	0.14	0.41
95	0.23	0.15	0.12	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.08	0.17	0.24	0.36	0.35	0.19	0.07	0.03	0.03
100	0.38	0.22	0.09	0.05	0.01	0.03	0.02	0.03	0.02	0.06	0.10	0.26	0.39	0.52	0.50	0.34	0.17	0.07	0.07
105	0.54	0.33	0.16	0.10	0.06	0.06	0.05	0.07	0.06	0.11	0.18	0.38	0.55	0.67	0.64	0.49	0.29	0.16	0.15
110	0.67	0.46	0.25	0.16	0.11	0.11	0.11	0.11	0.12	0.17	0.27	0.50	0.68	0.79	0.76	0.61	0.42	0.27	0.26
115	0.76	0.58	0.39	0.24	0.16	0.17	0.39	0.18	0.18	0.25	0.40	0.61	0.77	0.89	0.86	0.72	0.56	0.42	0.40
120	0.84	0.68	0.53	0.37	0.24	0.29	0.67	0.37	0.25	0.38	0.51	0.68	0.85	0.96	0.94	0.80	0.70	0.62	0.76
125	0.90	0.75	0.61	0.57	0.48	0.56	0.92	0.56	0.54	0.56	0.58	0.72	0.89	1.00	1.00	0.84	0.78	0.78	1.01
130	0.92	0.79	0.69	0.56	0.80	0.93	0.96	0.86	0.75	0.55	0.60	0.72	0.90	1.02	0.99	0.89	0.76	0.70	0.98
135	0.92	0.79	0.71	0.51	0.73	0.90	0.96	0.85	0.75	0.50	0.65	0.70	0.90	1.00	0.92	0.90	0.88	0.81	0.74
140	0.88	0.77	0.72	0.67	0.44	0.58	0.91	0.83	0.43	0.52	0.65	0.67	0.85	0.92	0.88	0.94	0.88	0.93	1.00
145	0.83	0.73	0.68	0.60	0.72	0.46	0.43	0.45	0.45	0.57	0.64	0.66	0.80	0.87	0.84	0.82	0.89	0.94	0.99
150	0.80	0.72	0.67	0.61	0.54	0.78	0.78	0.77	0.52	0.57	0.62	0.66	0.78	0.83	0.81	0.84	0.81	0.87	0.95
155	0.78	0.72	0.67	0.63	0.57	0.56	0.53	0.53	0.54	0.59	0.62	0.67	0.76	0.82	0.79	0.79	0.84	0.77	0.79
160	0.78	0.73	0.67	0.67	0.63	0.63	0.60	0.61	0.60	0.63	0.64	0.68	0.76	0.80	0.79	0.79	0.78	0.79	0.80
165	0.78	0.73	0.69	0.69	0.66	0.66	0.66	0.65	0.63	0.66	0.66	0.71	0.76	0.80	0.79	0.80	0.78	0.79	0.80
170	0.77	0.74	0.72	0.73	0.69	0.69	0.66	0.67	0.65	0.68	0.69	0.72	0.76	0.79	0.78	0.80	0.78	0.79	0.81
175	0.76	0.75	0.73	0.75	0.73	0.72	0.69	0.70	0.69	0.72	0.72	0.73	0.76	0.78	0.77	0.79	0.77	0.79	0.78
180	0.76	0.76	0.76	0.76	0.75	0.76	0.75	0.76	0.73	0.74	0.73	0.73	0.76	0.77	0.77	0.77	0.76	0.76	0.76

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd/klm

C(DEG) γ (DEG)	285	300	315	330	345														
0	228	228	227	227	226														
5	219	220	221	223	225														
10	208	211	215	221	226														
15	196	201	209	219	230														
20	184	191	203	218	235														
25	171	180	196	217	241														
30	157	168	187	215	248														
35	143	155	176	211	254														
40	128	141	163	203	260														
45	114	125	146	189	257														
50	99.1	108	127	168	245														
55	82.4	89.1	106	143	224														
60	63.1	68.1	81.7	114	190														
65	44.3	47.7	57.1	82.6	142														
70	26.8	31.1	36.8	53.2	88.8														
75	12.6	19.6	22.9	31.4	50.9														
80	7.22	10.8	13.4	17.9	28.9														
85	5.15	5.67	6.62	6.71	15.0														
90	0.43	0.83	1.26	1.87	3.30														
95	0.03	0.06	0.18	0.33	0.35														
100	0.06	0.14	0.30	0.45	0.48														
105	0.15	0.26	0.45	0.61	0.64														
110	0.26	0.39	0.58	0.74	0.77														
115	0.39	0.53	0.69	0.83	0.86														
120	0.57	0.65	0.79	0.92	0.94														
125	0.76	0.75	0.86	1.02	0.97														
130	0.73	0.79	0.99	1.00	0.97														
135	0.88	1.01	1.04	0.95	0.96														
140	1.03	1.02	1.00	0.91	0.91														
145	1.03	0.99	0.86	0.85	0.85														
150	0.99	0.81	0.87	0.82	0.80														
155	0.80	0.87	0.82	0.79	0.78														
160	0.81	0.80	0.81	0.79	0.77														
165	0.81	0.79	0.80	0.78	0.76														
170	0.81	0.79	0.79	0.76	0.76														
175	0.81	0.78	0.78	0.75	0.75														
180	0.76	0.75	0.75	0.75	0.74														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	230.3	230.2	230.3	229.8	229.6	228.8	228.6	227.9	227.7	227.1
3.0	231.1	232.1	233.2	233.4	233.7	233.3	233.2	232.6	232.1	230.9
6.0	232.9	234.9	236.8	237.3	237.8	237.4	237.3	236.8	236.4	235.0
9.0	235.7	239.0	241.5	241.8	241.9	241.2	241.1	240.8	240.8	239.7
12.0	239.7	244.2	247.3	247.1	246.5	245.1	244.8	244.8	245.6	245.1
15.0	244.8	250.9	254.4	253.5	251.8	249.3	248.8	249.2	251.0	251.3
18.0	251.0	258.9	262.6	260.8	257.7	254.2	253.3	254.1	256.8	258.4
21.0	258.1	267.6	271.6	268.6	264.2	259.7	258.4	259.5	263.1	265.9
24.0	265.6	277.0	281.1	277.2	271.5	265.7	264.0	265.3	269.9	274.4
27.0	273.8	287.2	291.5	286.5	279.0	272.0	269.7	271.4	277.3	283.5
30.0	282.8	298.4	302.9	296.4	286.5	277.4	274.0	276.5	284.4	293.2
33.0	292.1	310.8	315.5	306.2	292.3	280.2	275.4	278.9	289.6	302.8
36.0	302.1	324.6	328.4	314.5	295.7	280.8	275.0	279.4	292.9	311.1
39.0	312.5	338.0	340.3	321.8	298.0	279.7	272.7	278.4	295.2	318.5
42.0	320.3	350.2	352.5	329.0	299.0	276.1	267.5	275.0	296.4	326.0
45.0	326.1	364.1	365.9	335.9	297.8	268.9	258.4	268.1	295.3	333.2
48.0	333.8	380.3	380.0	342.4	293.2	257.0	244.2	256.2	290.6	340.0
51.0	342.7	398.5	394.1	347.9	283.6	239.1	223.1	237.7	280.0	345.9
54.0	351.6	416.9	409.2	351.2	266.8	212.5	194.1	210.1	260.6	348.5
57.0	357.5	432.5	427.4	348.2	239.2	178.3	159.9	175.6	229.7	343.7
60.0	356.4	440.7	448.5	334.9	198.8	142.0	125.0	139.2	187.6	328.2
63.0	343.7	436.1	461.3	311.9	155.6	106.3	90.89	103.5	144.2	301.6
66.0	306.9	410.3	446.5	266.3	113.2	73.25	62.44	71.08	103.5	243.7
69.0	245.9	358.6	387.7	196.0	76.45	50.56	42.51	49.00	70.09	174.0
72.0	168.6	281.1	299.7	134.7	52.71	34.48	27.38	33.40	48.11	117.6
75.0	98.58	182.1	199.0	87.38	36.88	23.31	18.04	22.59	33.73	75.47
78.0	61.03	104.1	124.6	56.11	26.37	16.00	12.42	15.47	24.02	48.40
81.0	35.77	55.27	73.74	35.82	18.32	11.07	8.823	10.72	16.66	29.50
84.0	18.05	32.67	45.97	20.14	12.84	8.103	6.333	7.778	11.45	16.33
87.0	6.748	16.06	17.29	10.16	7.227	4.825	2.828	4.499	5.474	7.001
90.0	1.513	4.248	3.247	1.289	0.3950	0.1416	0.0529	0.1007	0.1979	0.5393
93.0	0.7728	0.7875	0.2964	0.0819	0.0132	0.0187	0.0339	0.0225	0.0132	0.0187
96.0	0.2528	0.1595	0.0866	0.0188	0.0094	0.0169	0.0206	0.0188	0.0112	0.0263
99.0	0.3464	0.2063	0.0712	0.0394	0.0094	0.0263	0.0206	0.0282	0.0131	0.0507
102.0	0.4402	0.2570	0.1141	0.0657	0.0337	0.0431	0.0281	0.0450	0.0356	0.0769
105.0	0.5358	0.3320	0.1554	0.0994	0.0636	0.0620	0.0523	0.0676	0.0619	0.1126
108.0	0.6164	0.4089	0.2079	0.1351	0.0917	0.0901	0.0878	0.0957	0.0937	0.1445
111.0	0.6877	0.4838	0.2660	0.1726	0.1198	0.1182	0.1199	0.1201	0.1200	0.1913
114.0	0.7477	0.5532	0.3446	0.2176	0.1499	0.1594	0.1794	0.1650	0.1574	0.2307
117.0	0.8057	0.6187	0.4495	0.2645	0.1948	0.1839	0.1920	0.1857	0.2003	0.2776
120.0	0.8434	0.6787	0.5339	0.3662	0.2417	0.2946	0.2946	0.3697	0.2455	0.3755
123.0	0.8752	0.7236	0.5791	0.5568	0.3145	0.4241	0.9321	0.4970	0.3517	0.5362
126.0	0.8978	0.7573	0.6277	0.5417	0.6302	0.6229	0.9259	0.6397	0.6474	0.5586
129.0	0.9128	0.7873	0.6765	0.5512	0.7946	0.8480	0.9335	0.8102	0.7460	0.5770
132.0	0.9241	0.7854	0.6991	0.4855	0.7502	0.9353	0.9896	0.8603	0.7479	0.4724
135.0	0.9241	0.7854	0.7141	0.5081	0.7310	0.9016	0.9599	0.8473	0.7535	0.4968
138.0	0.8998	0.7779	0.7179	0.5404	0.4386	0.8716	0.9317	0.8453	0.4357	0.5080
141.0	0.8736	0.7591	0.7198	0.6724	0.4479	0.4293	0.6684	0.4181	0.4330	0.6134
144.0	0.8473	0.7384	0.6974	0.5980	0.4815	0.4537	0.4255	0.4387	0.4460	0.5754
147.0	0.8229	0.7217	0.6767	0.6036	0.7497	0.4792	0.4442	0.4593	0.6966	0.5698
150.0	0.8005	0.7217	0.6673	0.6111	0.5361	0.7797	0.7833	0.7667	0.5215	0.5698
153.0	0.7892	0.7217	0.6654	0.6223	0.5491	0.5381	0.5272	0.5193	0.5211	0.5755
156.0	0.7817	0.7235	0.6654	0.6337	0.5958	0.5643	0.5378	0.5399	0.5546	0.5905
159.0	0.7779	0.7273	0.6691	0.6673	0.6278	0.6243	0.5938	0.6036	0.5829	0.6187
162.0	0.7760	0.7310	0.6785	0.6823	0.6522	0.6487	0.6203	0.6243	0.6202	0.6449
165.0	0.7760	0.7348	0.6898	0.6879	0.6560	0.6636	0.6578	0.6486	0.6279	0.6580
168.0	0.7760	0.7367	0.6954	0.7086	0.6747	0.6767	0.6598	0.6542	0.6298	0.6711
171.0	0.7723	0.7423	0.7254	0.7367	0.6991	0.6936	0.6654	0.6693	0.6578	0.6880
174.0	0.7667	0.7480	0.7329	0.7517	0.7253	0.7124	0.6879	0.6992	0.6840	0.7086
177.0	0.7648	0.7592	0.7497	0.7554	0.7291	0.7367	0.7196	0.7274	0.7102	0.7311
180.0	0.7648	0.7648	0.7554	0.7592	0.7517	0.7554	0.7517	0.7554	0.7348	0.7442
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	226.8	226.2	230.3	230.2	230.3	229.8	229.6	228.8	228.6	227.9
3.0	229.7	227.9	230.5	229.0	227.8	226.1	225.0	223.5	223.1	222.4
6.0	233.4	230.6	231.8	229.0	225.9	222.6	220.1	217.7	216.9	216.5
9.0	238.0	234.3	234.2	229.6	224.5	219.2	214.9	211.2	210.1	210.0
12.0	243.6	239.2	237.6	231.1	223.5	215.7	209.5	204.4	202.8	203.1
15.0	250.5	245.4	242.2	233.2	222.7	212.2	203.8	197.4	195.3	196.1
18.0	258.2	252.8	247.8	236.0	222.1	208.6	197.9	190.1	187.7	188.8
21.0	266.8	261.0	254.4	239.4	221.6	204.9	191.7	182.8	180.0	181.5
24.0	276.1	270.1	261.7	242.9	221.1	200.7	185.2	175.1	172.0	173.9
27.0	286.5	280.1	269.6	246.6	220.3	196.0	178.1	167.0	163.7	165.9
30.0	297.9	291.3	278.4	250.5	219.0	190.4	170.3	158.4	154.9	157.5

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

33.0	310.5	303.8	287.8	254.4	216.9	183.7	162.0	149.6	145.8	148.8
36.0	322.8	316.8	297.9	257.9	213.4	175.8	153.3	140.7	136.7	140.0
39.0	334.6	329.3	307.8	260.8	208.3	166.8	144.2	131.5	127.8	131.0
42.0	347.4	342.0	315.3	260.4	200.6	156.6	134.5	122.3	119.4	122.2
45.0	361.9	357.7	323.3	257.0	190.0	145.4	124.4	113.5	111.4	113.7
48.0	377.1	375.7	332.8	251.2	177.2	133.5	113.7	104.6	103.4	105.1
51.0	392.4	394.7	342.6	241.6	162.6	120.7	102.6	95.09	94.91	95.98
54.0	409.3	413.1	351.9	226.8	145.9	106.7	90.65	84.71	85.20	85.97
57.0	429.6	426.6	356.9	206.6	127.6	92.03	77.99	73.38	74.30	74.92
60.0	450.1	430.4	353.6	180.5	108.1	76.54	64.91	61.49	62.57	63.09
63.0	456.3	417.7	334.9	150.3	88.15	61.32	52.35	50.01	51.11	51.63
66.0	427.8	378.1	288.3	116.6	69.04	47.66	41.07	39.35	40.25	40.83
69.0	351.6	310.9	220.9	84.41	51.57	36.29	31.57	29.61	26.52	30.84
72.0	253.8	218.0	139.2	59.92	37.51	27.35	24.05	18.84	16.36	19.30
75.0	161.2	130.7	84.78	43.06	27.05	20.31	18.29	12.31	12.06	12.56
78.0	100.1	71.07	51.66	30.68	19.29	14.73	13.12	8.424	9.340	8.685
81.0	57.12	42.65	28.30	21.50	12.30	10.13	8.637	6.406	8.358	6.629
84.0	26.69	24.16	12.43	13.79	6.275	6.367	5.775	5.325	7.412	5.596
87.0	11.66	9.385	3.816	5.854	3.090	3.138	3.011	3.059	4.075	3.728
90.0	1.012	1.721	1.305	1.325	0.7736	0.4083	0.2290	0.1413	0.4081	0.4285
93.0	0.1488	0.1538	0.2378	0.3602	0.3411	0.1877	0.0507	0.0281	0.0225	0.0281
96.0	0.0713	0.1857	0.2684	0.3896	0.3715	0.2228	0.0884	0.0262	0.0320	0.0262
99.0	0.0898	0.2307	0.3621	0.4871	0.4633	0.3071	0.1465	0.0580	0.0601	0.0561
102.0	0.1274	0.2983	0.4558	0.5827	0.5627	0.3953	0.2158	0.1030	0.1033	0.0918
105.0	0.1798	0.3751	0.5496	0.6746	0.6432	0.4853	0.2909	0.1573	0.1539	0.1479
108.0	0.2359	0.4539	0.6245	0.7477	0.7145	0.5658	0.3733	0.2266	0.2140	0.2116
111.0	0.2996	0.5269	0.6956	0.8115	0.7781	0.6408	0.4483	0.2997	0.2757	0.2810
114.0	0.3673	0.5925	0.7575	0.8677	0.8381	0.7028	0.5327	0.3859	0.3400	0.3597
117.0	0.4384	0.6413	0.8155	0.9202	0.8924	0.7572	0.6265	0.4814	0.5705	0.4608
120.0	0.5133	0.6843	0.8492	0.9596	0.9449	0.8003	0.6993	0.6218	0.7581	0.5676
123.0	0.5640	0.7198	0.8773	0.9840	0.9841	0.8228	0.7462	0.7140	0.9769	0.6594
126.0	0.5773	0.7217	0.8961	1.001	0.9916	0.8639	0.7776	0.8040	1.014	0.8076
129.0	0.5940	0.7217	0.8997	1.018	0.9915	0.9072	0.7554	0.8436	1.014	0.8754
132.0	0.6296	0.7198	0.8979	1.022	0.9781	0.8979	0.8110	0.6954	0.6937	0.7235
135.0	0.6542	0.6991	0.8958	0.9973	0.9239	0.8978	0.8848	0.8107	0.7357	0.8798
138.0	0.6542	0.6841	0.8696	0.9486	0.8810	0.8997	0.8921	0.9578	1.020	1.031
141.0	0.6560	0.6710	0.8396	0.9074	0.8790	0.9335	0.8753	0.9372	1.001	1.025
144.0	0.6486	0.6654	0.8097	0.8792	0.8453	0.8998	0.8644	0.9410	0.9916	1.025
147.0	0.6355	0.6636	0.7909	0.8529	0.8340	0.8079	0.8997	0.9410	0.9897	1.027
150.0	0.6242	0.6636	0.7798	0.8323	0.8116	0.8432	0.8075	0.8699	0.9500	0.9861
153.0	0.6242	0.6655	0.7629	0.8192	0.8077	0.7966	0.7779	0.7698	0.8686	0.7977
156.0	0.6279	0.6748	0.7629	0.8135	0.7929	0.7929	0.7835	0.7760	0.7951	0.8375
159.0	0.6354	0.6805	0.7629	0.8023	0.7929	0.7929	0.7835	0.7873	0.8041	0.8079
162.0	0.6578	0.6880	0.7629	0.8004	0.7929	0.7985	0.7835	0.7873	0.8041	0.8079
165.0	0.6598	0.7067	0.7629	0.7985	0.7891	0.8004	0.7835	0.7873	0.7966	0.8097
168.0	0.6710	0.7142	0.7629	0.7985	0.7854	0.8004	0.7835	0.7873	0.7987	0.8041
171.0	0.6898	0.7236	0.7629	0.7910	0.7816	0.7967	0.7835	0.7873	0.8078	0.8098
174.0	0.7066	0.7329	0.7629	0.7817	0.7797	0.7929	0.7759	0.7873	0.7853	0.8116
177.0	0.7217	0.7329	0.7629	0.7760	0.7685	0.7835	0.7648	0.7798	0.7629	0.7781
180.0	0.7310	0.7329	0.7629	0.7704	0.7685	0.7723	0.7648	0.7610	0.7592	0.7573
G/C	300.0	315.0	330.0	345.0						
0.0	227.7	227.1	226.8	226.2						
3.0	223.0	223.3	224.4	225.3						
6.0	218.0	219.7	222.4	225.3						
9.0	212.6	216.1	221.0	226.0						
12.0	207.0	212.6	220.0	227.6						
15.0	201.3	208.9	219.2	229.8						
18.0	195.4	205.3	218.5	232.6						
21.0	189.2	201.4	218.1	236.1						
24.0	182.7	197.3	217.4	239.7						
27.0	175.8	192.6	216.6	243.6						
30.0	168.4	187.1	215.2	247.6						
33.0	160.6	180.9	213.1	251.8						
36.0	152.3	173.8	209.9	255.5						
39.0	143.6	165.7	205.3	258.8						
42.0	134.4	156.4	198.4	260.1						
45.0	124.8	145.9	188.6	256.7						
48.0	114.8	135.0	177.0	250.6						
51.0	104.3	123.2	163.6	241.8						
54.0	92.97	110.2	148.6	229.4						
57.0	80.86	96.36	131.8	212.3						
60.0	68.13	81.71	113.8	189.7						
63.0	55.53	66.63	95.12	162.0						
66.0	43.95	52.48	76.52	131.1						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd/klm]

69.0	34.03	40.30	58.79	98.65
72.0	25.89	30.56	43.29	71.12
75.0	19.61	22.88	31.38	50.86
78.0	14.23	16.72	22.53	36.49
81.0	9.459	11.88	15.80	25.68
84.0	6.320	7.688	8.420	17.63
87.0	3.994	4.635	4.239	9.571
90.0	0.8258	1.258	1.874	3.296
93.0	0.0506	0.2407	0.4953	0.7977
96.0	0.0751	0.1837	0.3433	0.3579
99.0	0.1239	0.2678	0.4183	0.4496
102.0	0.1914	0.3559	0.5177	0.5414
105.0	0.2609	0.4459	0.6114	0.6352
108.0	0.3397	0.5321	0.6939	0.7233
111.0	0.4239	0.5996	0.7612	0.7927
114.0	0.5045	0.6728	0.8175	0.8453
117.0	0.5870	0.7365	0.8700	0.8977
120.0	0.6469	0.7909	0.9187	0.9353
123.0	0.7050	0.8359	0.9955	0.9560
126.0	0.7760	0.8939	1.022	0.9691
129.0	0.7855	0.9878	1.005	0.9710
132.0	0.8619	1.020	0.9915	0.9710
135.0	1.008	1.044	0.9539	0.9617
138.0	1.018	1.037	0.9204	0.9317
141.0	1.018	0.9954	0.8958	0.9017
144.0	1.016	0.8874	0.8677	0.8661
147.0	0.9671	0.8398	0.8472	0.8305
150.0	0.8060	0.8679	0.8153	0.8042
153.0	0.8087	0.8210	0.8003	0.7911
156.0	0.8004	0.8173	0.7854	0.7779
159.0	0.7985	0.8098	0.7835	0.7723
162.0	0.7910	0.8004	0.7798	0.7685
165.0	0.7910	0.7985	0.7779	0.7648
168.0	0.7910	0.7985	0.7629	0.7573
171.0	0.7910	0.7892	0.7591	0.7535
174.0	0.7890	0.7836	0.7517	0.7517
177.0	0.7535	0.7667	0.7479	0.7442
180.0	0.7479	0.7517	0.7479	0.7442

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 11.100m [K=1.0000]
 Remarks: