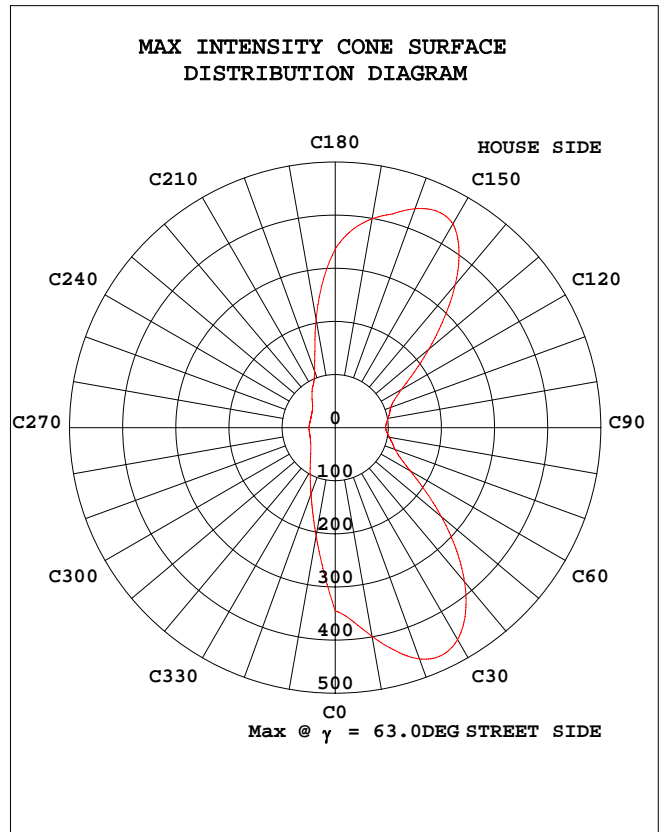
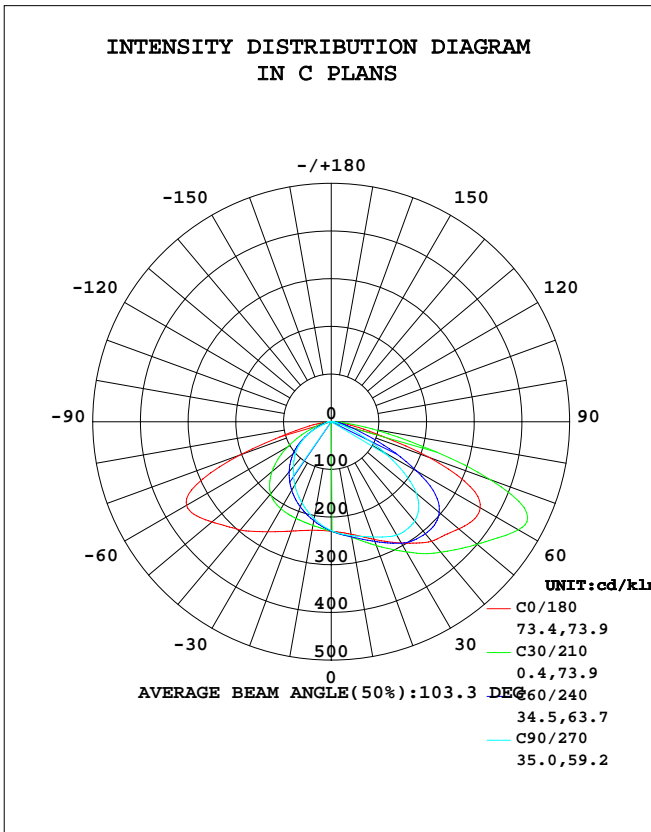


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:16.3V I:3.65A P:59.50W PF:1.000 Freq:0Hz Lamp Flux:9598.39x1 lm		
NAME: LD-SWL-120W-60	TYPE:LD-SWL-120W-60	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

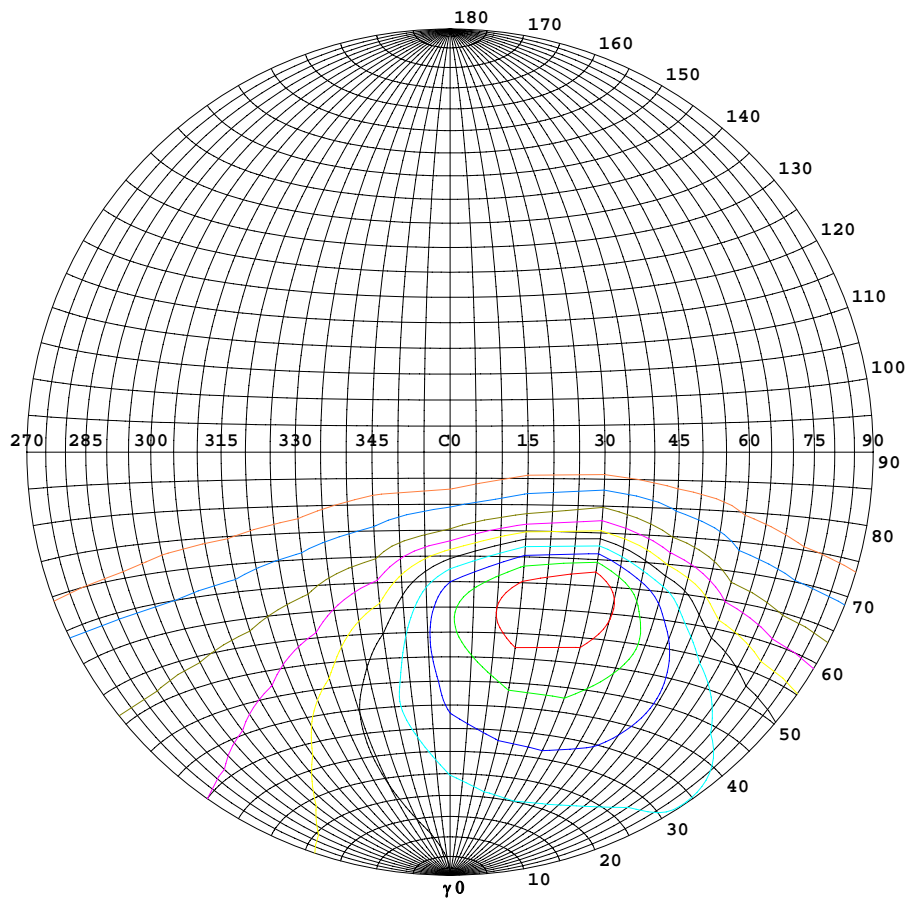
DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.31 lm/W			
MODEL	LD-SWL-120W-60	Imax(cd/klm)	460.7	η street_up(%)	0.3
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	54.1
RATED VOLTAGE(V)		TOTAL FLUX(lm/klm)	1000.0	η house_up(%)	0.2
NOMINAL FLUX(lm)	9598.39	MAXIMUM @(C, γ)	30,63.0	η house_down(%)	45.4
LAMPS INSIDE	1	η up(%)	0.5	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	99.5	SLI	



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-27

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:

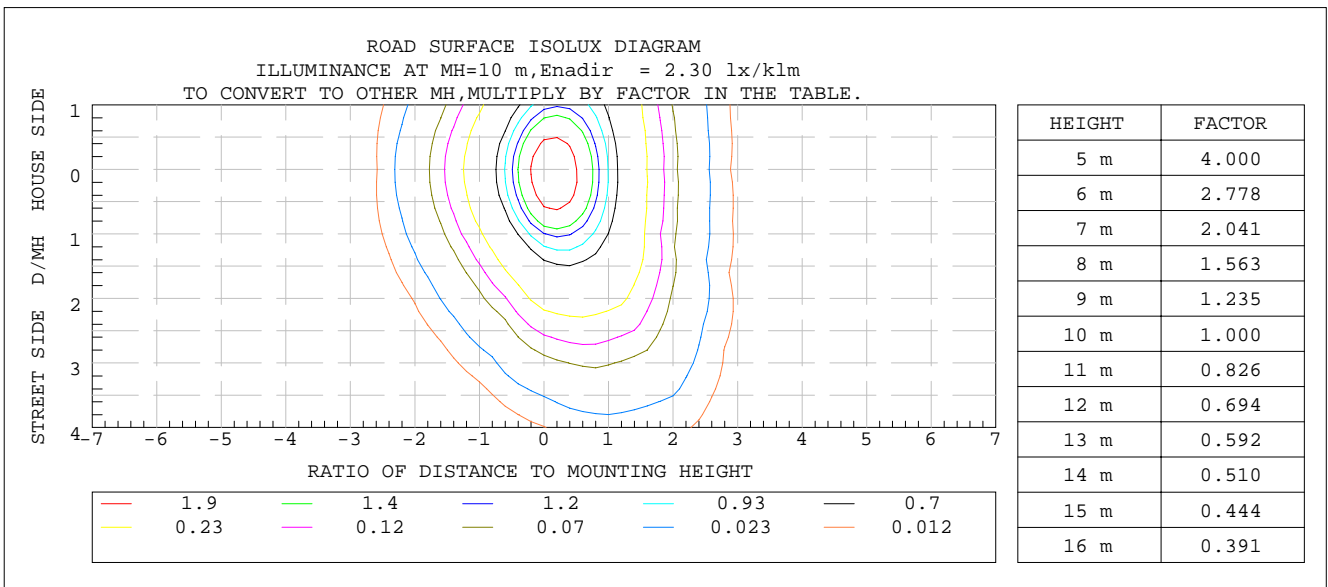
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:88.02cd/klm
 Max.At90:4.620cd/klm
 Max.80-90:88.02cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd/klm
Imax=100%	461
90%	415
80%	369
70%	322
60%	276
50%	230
40%	184
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:2018-08-27

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: 2018-08-27

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:

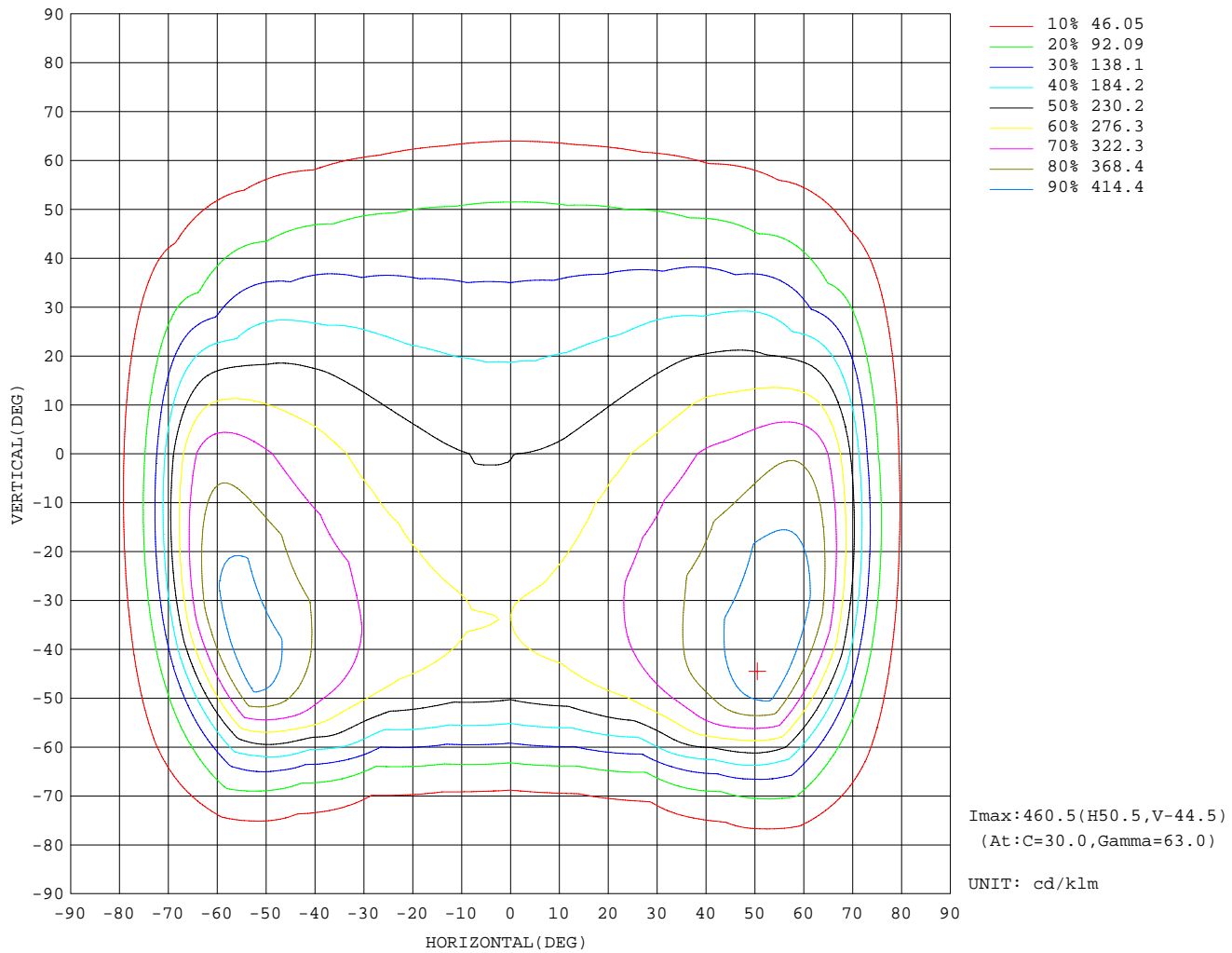
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	239.5	245.9	242.4	238.8	231.2	215.2	206.7	216.3	0- 10	21.83	21.83	2.18,2.18
20	262.5	272.7	257.2	257.8	244.1	201.2	180.7	205.1	10- 20	65.73	87.56	8.76,8.76
30	293.6	307.1	274.7	284.6	266.4	184.5	152.9	189.7	20- 30	110.9	198.4	19.8,19.8
40	327.3	335.9	272.0	310.0	296.4	158.2	123.5	164.2	30- 40	155.1	353.5	35.4,35.4
50	349.6	357.3	232.7	330.1	326.9	121.7	96.46	126.8	40- 50	190.1	543.6	54.4,54.4
60	360.7	344.1	129.0	314.2	350.3	75.27	61.01	80.54	50- 60	204.1	747.7	74.8,74.8
70	218.3	181.2	38.56	149.3	202.8	32.54	20.56	35.81	60- 70	166.4	914.1	91.4,91.4
80	41.66	43.26	10.06	35.45	38.54	11.34	8.525	13.02	70- 80	67.56	981.7	98.2,98.2
90	1.605	2.832	1.427	1.888	1.378	1.030	1.515	1.669	80- 90	13.47	995.2	99.5,99.5
100	0.4478	0.4850	1.222	0.5059	0.4378	0.4211	0.7720	0.3755	90-100	0.9044	996.1	99.6,99.6
110	0.7304	0.4308	0.6375	0.4570	0.7302	0.7833	0.6239	0.7062	100-110	0.6235	996.7	99.7,99.7
120	0.8848	0.3754	0.9984	0.4022	0.9105	0.9760	0.9438	0.9156	110-120	0.6920	997.4	99.7,99.7
130	0.9345	0.6522	0.5908	0.6662	0.9789	1.020	1.070	1.050	120-130	0.7574	998.1	99.8,99.8
140	0.8830	0.6783	0.9483	0.6497	0.9271	1.005	0.9788	1.021	130-140	0.6784	998.8	99.9,99.9
150	0.8199	0.6387	0.7533	0.6548	0.8580	0.9245	0.9586	0.8998	140-150	0.5093	999.3	99.9,99.9
160	0.8064	0.7045	0.6373	0.6817	0.8406	0.8890	0.8923	0.8494	150-160	0.3637	999.7	100,100
170	0.8064	0.7522	0.7198	0.7374	0.8265	0.8635	0.8500	0.8366	160-170	0.2242	999.9	100,100
180	0.8185	0.8400	0.8172	0.8051	0.8192	0.8386	0.8178	0.8078	170-180	0.0767	1000.0	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:2018-08-27

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:

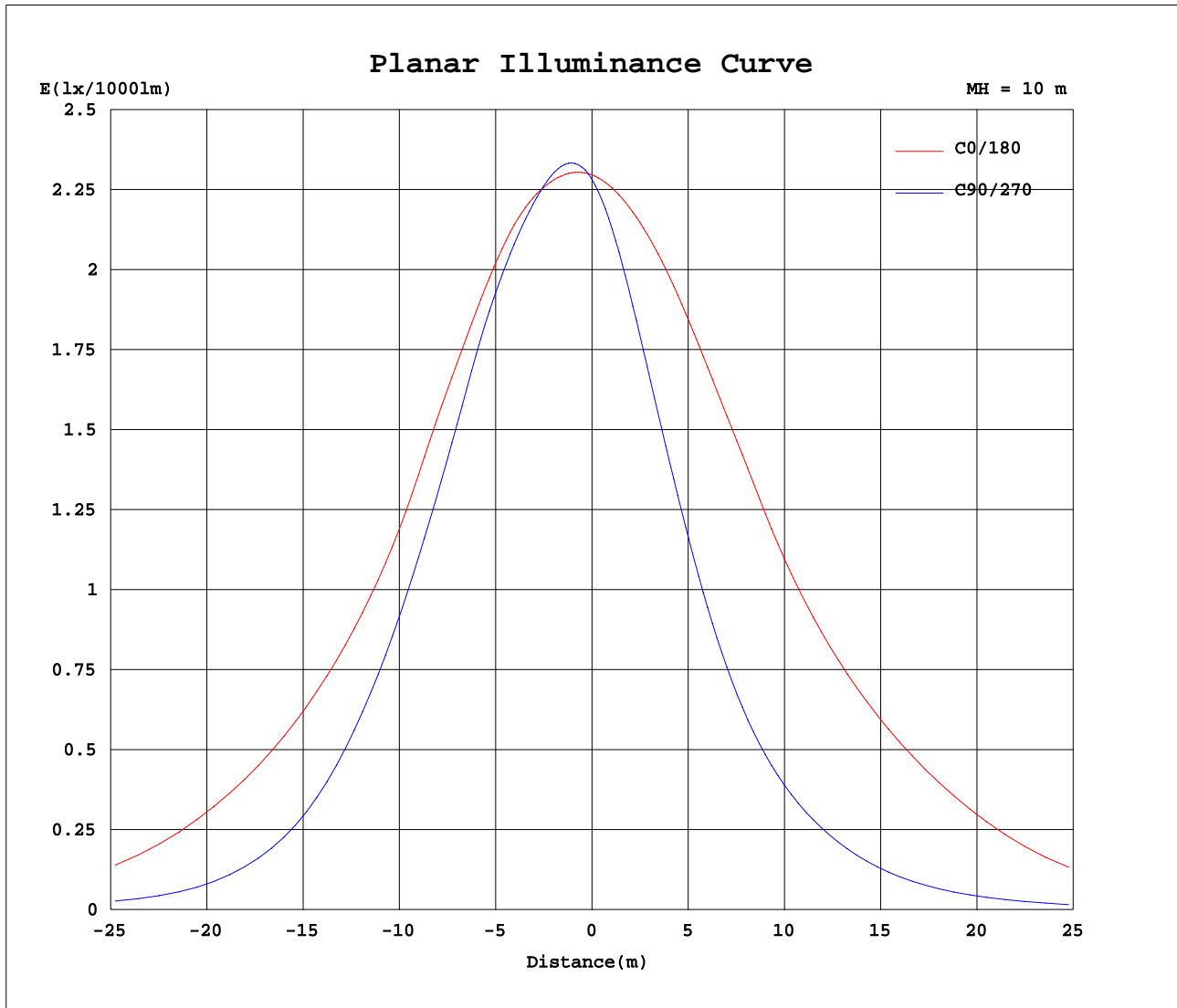
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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



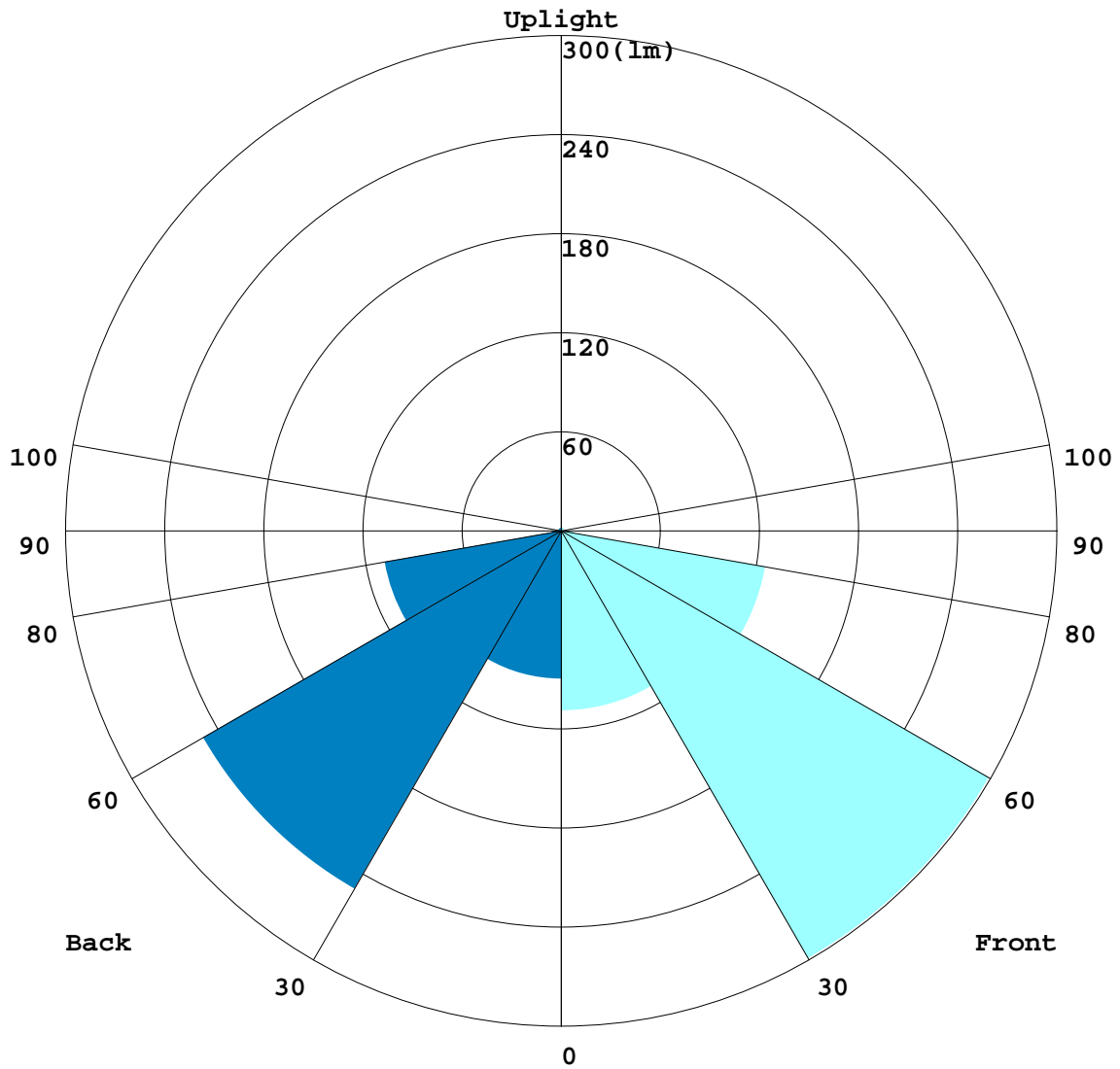
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-08-27

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:16.3V I:3.65A P:59.50W PF:1.000 Freq:0Hz Lamp Flux:9598.39x1 lm		
NAME: LD-SWL-120W-60	TYPE:LD-SWL-120W-60	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:2018-08-27

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:16.3V I:3.65A P:59.50W PF:1.000 Freq:0Hz Lamp Flux:9598.39x1 lm		
NAME: LD-SWL-120W-60	TYPE:LD-SWL-120W-60	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	108.83	10.9
FM - Front-Medium(30-60)	298.96	29.9
FH - Front-High(60-80)	125.51	12.6
FVH - Front-Very High(80-90)	7.6756	0.8
Total Forward Light	543.63	54.4

BL - Back-Low(0-30)	89.596	9.0
BM - Back-Medium(30-60)	250.31	25.0
BH - Back-High(60-80)	108.5	10.9
BVH - Back-Very High(80-90)	5.7936	0.6
Total Back Light	456.37	45.6

UL - Uplight-Low(90-100)	0.90438	0.1
UH - Uplight-High(100-180)	3.9252	0.4
Total Up Light	4.8296	0.5

BUG(Back,Up,Glare) Rating	B1-U1-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	454.2	2.1696	456.37
Street Side	540.97	2.66	543.63

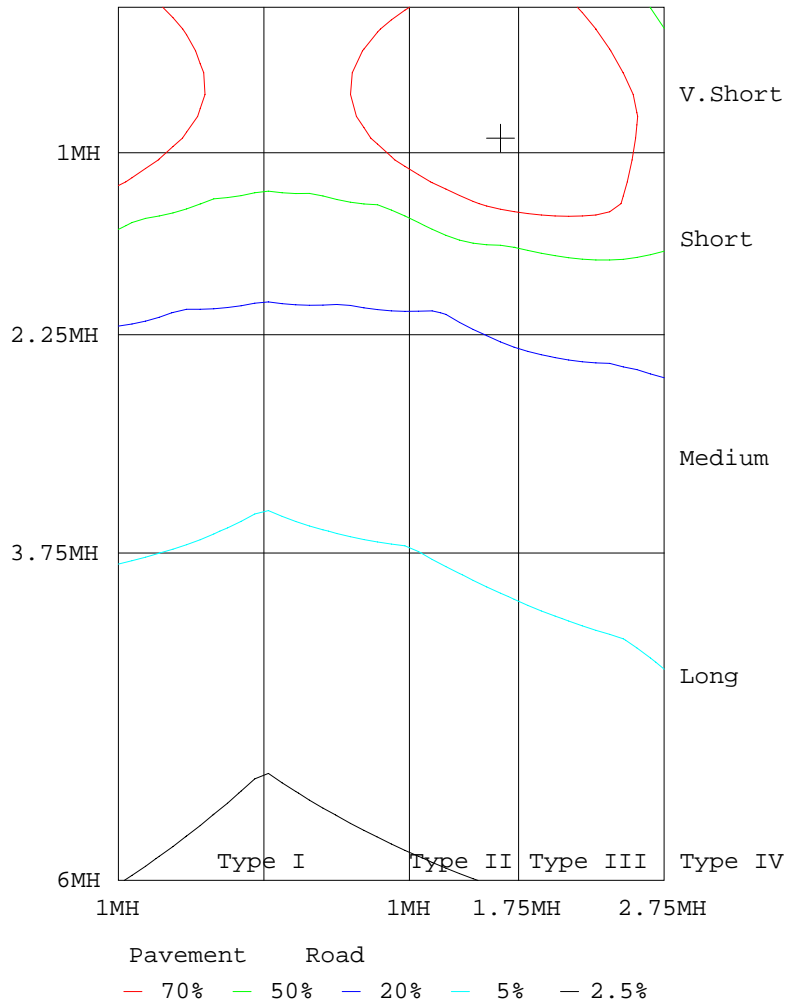
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-08-27

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:16.3V I:3.65A P:59.50W PF:1.000 Freq:0Hz Lamp Flux:9598.39x1 lm		
NAME: LD-SWL-120W-60	TYPE:LD-SWL-120W-60	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:2018-08-27

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	229	229	228	228	227	227	227	227	226	230	230	230	229	229	228	228
5	233	235	237	237	237	236	236	235	234	232	231	228	229	227	225	222	221	219	218
10	240	243	246	246	245	243	242	241	240	239	237	233	231	226	221	215	211	207	207
15	249	256	260	258	255	251	249	248	248	247	246	240	236	228	218	208	201	195	194
20	263	272	276	273	267	261	257	256	257	258	257	251	244	231	216	201	190	182	181
25	277	290	295	289	280	271	266	265	268	270	271	264	254	235	214	194	179	169	167
30	294	310	315	307	294	282	275	274	279	285	287	280	266	240	211	184	166	155	153
35	311	333	338	324	303	285	276	277	286	299	307	300	281	245	206	173	152	141	138
40	327	355	357	336	307	283	272	275	289	310	326	320	296	249	198	158	137	126	124
45	336	375	377	347	306	273	259	265	288	321	347	344	310	246	183	141	121	112	110
50	350	402	400	357	296	250	233	243	277	330	372	375	327	237	162	122	104	96.9	96.5
55	362	429	425	361	267	207	186	200	246	333	400	407	344	215	136	99.8	85.2	80.0	80.3
60	361	441	453	344	207	148	129	141	186	314	434	424	350	178	106	75.3	63.9	60.5	61.0
65	322	418	452	295	135	88.1	73.9	83.7	117	256	434	397	312	127	74.0	51.1	43.9	41.6	42.2
70	218	330	354	181	72.0	47.2	38.6	45.1	62.4	149	323	294	203	75.8	45.9	32.5	28.1	24.3	20.6
75	95.8	177	195	90.5	38.8	24.5	18.9	23.1	33.7	74.8	170	137	89.2	43.7	26.9	20.0	17.7	11.7	11.5
80	41.7	65.1	88.0	43.3	21.6	13.0	10.1	12.2	19.1	35.4	73.9	55.2	38.5	24.8	14.7	11.3	9.48	6.79	8.52
85	13.1	26.1	28.1	17.1	11.7	7.54	5.63	7.07	10.0	13.7	23.0	20.4	9.45	10.8	4.82	5.21	4.96	4.80	6.31
90	1.60	4.62	4.61	2.83	2.13	1.94	1.43	1.83	1.85	1.89	2.17	2.09	1.38	1.36	1.10	1.03	1.15	1.24	1.51
95	0.30	0.27	0.43	0.64	0.95	1.26	1.46	1.31	0.93	0.59	0.38	0.29	0.29	0.43	0.45	0.36	0.47	0.82	0.90
100	0.45	0.32	0.34	0.49	0.73	0.95	1.22	1.01	0.75	0.51	0.36	0.36	0.44	0.58	0.55	0.42	0.49	0.73	0.77
105	0.60	0.42	0.36	0.46	0.58	0.68	0.77	0.69	0.59	0.46	0.39	0.47	0.60	0.75	0.71	0.62	0.53	0.61	0.63
110	0.73	0.52	0.35	0.43	0.49	0.57	0.64	0.59	0.51	0.46	0.40	0.58	0.73	0.88	0.86	0.78	0.66	0.62	0.62
115	0.82	0.63	0.47	0.39	0.51	0.58	0.77	0.60	0.53	0.42	0.49	0.68	0.83	0.98	0.97	0.90	0.77	0.70	0.68
120	0.88	0.72	0.57	0.38	0.48	0.63	1.00	0.70	0.52	0.40	0.60	0.76	0.91	1.05	1.07	0.98	0.88	0.82	0.94
125	0.92	0.78	0.63	0.63	0.42	0.74	1.07	0.77	0.49	0.59	0.65	0.81	0.96	1.09	1.11	1.03	0.95	0.95	1.07
130	0.93	0.82	0.71	0.65	0.69	0.57	0.59	0.55	0.60	0.67	0.70	0.82	0.98	1.10	1.10	1.02	1.01	0.96	1.07
135	0.92	0.82	0.72	0.58	0.79	0.79	0.79	0.74	0.82	0.60	0.72	0.79	0.97	1.07	1.05	1.03	0.98	1.02	0.99
140	0.88	0.80	0.72	0.68	0.50	0.75	0.95	0.87	0.51	0.65	0.72	0.76	0.93	1.00	0.99	1.01	0.95	0.97	0.98
145	0.85	0.77	0.70	0.65	0.68	0.50	0.48	0.49	0.59	0.66	0.70	0.75	0.88	0.94	0.95	0.93	0.99	1.02	0.97
150	0.82	0.75	0.69	0.64	0.64	0.73	0.75	0.72	0.64	0.65	0.69	0.74	0.86	0.91	0.90	0.92	0.89	0.95	0.96
155	0.81	0.76	0.70	0.69	0.62	0.66	0.65	0.65	0.65	0.64	0.69	0.75	0.85	0.89	0.88	0.90	0.91	0.89	0.89
160	0.81	0.76	0.73	0.70	0.69	0.65	0.64	0.64	0.67	0.68	0.72	0.75	0.84	0.88	0.87	0.89	0.89	0.89	0.89
165	0.81	0.77	0.73	0.73	0.70	0.70	0.69	0.69	0.69	0.72	0.74	0.77	0.84	0.87	0.87	0.88	0.86	0.87	0.86
170	0.81	0.78	0.76	0.75	0.73	0.73	0.72	0.72	0.72	0.74	0.75	0.79	0.83	0.86	0.86	0.86	0.85	0.86	0.85
175	0.81	0.80	0.79	0.80	0.79	0.78	0.76	0.77	0.76	0.78	0.78	0.80	0.82	0.84	0.84	0.85	0.84	0.84	0.84
180	0.82	0.82	0.83	0.84	0.83	0.82	0.82	0.81	0.80	0.81	0.80	0.81	0.82	0.83	0.83	0.84	0.83	0.82	0.82

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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	227	227	227	227	226														
5	218	220	222	224	227														
10	207	211	216	223	229														
15	196	202	211	222	234														
20	183	192	205	222	241														
25	170	181	198	222	249														
30	157	169	190	221	257														
35	142	155	179	217	265														
40	127	140	164	209	270														
45	113	124	146	192	265														
50	97.8	107	127	170	252														
55	80.8	87.8	105	144	230														
60	61.3	66.5	80.5	114	193														
65	42.4	46.0	55.8	81.9	143														
70	24.9	29.7	35.8	52.3	88.3														
75	11.9	18.7	22.1	30.8	50.3														
80	6.96	10.3	13.0	17.6	28.5														
85	4.99	5.53	6.38	6.55	14.7														
90	1.42	1.57	1.67	2.02	3.26														
95	0.81	0.52	0.41	0.52	0.45														
100	0.71	0.46	0.38	0.52	0.55														
105	0.60	0.49	0.54	0.66	0.71														
110	0.60	0.60	0.71	0.81	0.84														
115	0.67	0.72	0.83	0.91	0.92														
120	0.78	0.82	0.92	1.00	0.99														
125	0.93	0.90	1.00	1.07	1.02														
130	0.98	0.99	1.05	1.07	1.02														
135	1.06	1.00	1.06	1.03	0.99														
140	1.00	0.99	1.02	0.98	0.93														
145	1.05	1.03	0.93	0.92	0.88														
150	0.95	0.89	0.90	0.87	0.83														
155	0.89	0.90	0.88	0.84	0.81														
160	0.89	0.87	0.85	0.83	0.81														
165	0.87	0.85	0.84	0.82	0.80														
170	0.86	0.84	0.84	0.82	0.80														
175	0.84	0.83	0.82	0.81	0.79														
180	0.81	0.80	0.81	0.80	0.81														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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	229.6	229.6	229.8	229.4	229.2	228.5	228.3	227.5	227.4	226.8
3.0	231.3	232.4	233.7	233.8	234.0	233.4	233.0	232.0	231.4	230.0
6.0	234.1	236.2	238.2	238.5	238.6	237.7	237.2	236.0	235.2	233.5
9.0	237.9	241.4	243.9	243.9	243.5	242.0	241.1	239.9	239.1	237.4
12.0	243.1	247.8	251.0	250.3	248.9	246.5	245.0	243.7	243.3	241.9
15.0	249.4	255.9	259.6	258.0	255.2	251.3	249.1	247.9	248.1	247.3
18.0	257.0	265.4	269.3	266.6	262.1	256.6	253.7	252.5	253.3	253.4
21.0	265.4	275.7	279.8	275.9	269.6	262.7	259.0	257.6	259.1	260.1
24.0	274.4	286.7	290.9	285.8	277.7	269.1	264.5	263.2	265.3	267.6
27.0	283.8	298.1	302.6	296.3	286.0	275.6	270.2	268.9	272.1	275.7
30.0	293.6	310.4	315.1	307.1	294.2	281.5	274.7	274.1	278.8	284.6
33.0	303.7	323.6	328.5	317.8	300.5	284.5	276.2	276.4	283.7	293.6
36.0	314.4	337.8	341.9	326.5	304.0	285.0	275.6	276.6	286.5	301.2
39.0	324.7	351.2	353.6	333.7	306.3	283.9	273.4	275.5	288.3	307.8
42.0	331.2	362.5	365.1	340.6	307.4	280.2	268.3	272.1	289.1	314.4
45.0	336.5	375.4	377.5	347.4	306.1	273.0	259.2	265.3	287.8	320.8
48.0	344.0	391.1	390.7	353.7	301.4	261.2	245.4	253.9	282.9	326.8
51.0	352.4	407.9	404.3	358.9	291.8	243.4	225.0	236.3	272.7	331.5
54.0	359.9	424.2	419.6	361.6	275.0	217.4	196.9	210.2	254.3	333.4
57.0	363.9	436.8	437.0	357.9	247.4	183.9	163.5	177.1	225.3	328.9
60.0	360.7	441.4	453.1	344.1	207.3	147.5	129.0	141.4	185.6	314.2
63.0	345.2	433.9	460.7	320.9	163.2	111.4	94.61	106.2	144.1	288.3
66.0	305.4	405.6	442.6	275.6	120.6	77.46	65.17	73.49	104.5	233.6
69.0	242.6	352.8	382.0	203.4	82.15	53.21	44.90	50.50	70.99	168.3
72.0	164.5	275.5	295.0	140.2	55.90	36.49	28.65	34.37	48.38	114.9
75.0	95.82	177.2	194.6	90.47	38.81	24.52	18.91	23.07	33.67	74.76
78.0	59.13	97.72	122.9	57.58	27.52	16.71	12.70	15.73	24.01	48.20
81.0	34.44	54.27	73.17	36.93	19.30	11.58	9.100	10.92	16.80	29.91
84.0	17.77	31.92	35.55	20.80	13.41	8.473	6.645	8.000	11.69	16.98
87.0	6.695	15.91	17.61	10.83	8.184	5.619	3.790	5.235	6.485	7.937
90.0	1.605	4.620	4.611	2.832	2.128	1.941	1.427	1.829	1.850	1.888
93.0	0.8563	1.028	0.8537	0.9797	1.176	1.386	1.426	1.413	1.115	0.8019
96.0	0.3251	0.2745	0.3817	0.5600	0.8639	1.179	1.403	1.224	0.8576	0.5614
99.0	0.4163	0.3094	0.3408	0.4990	0.7577	0.9913	1.273	1.052	0.7852	0.5132
102.0	0.5102	0.3591	0.3468	0.4817	0.6652	0.8374	1.060	0.8702	0.6687	0.5024
105.0	0.6008	0.4168	0.3642	0.4586	0.5786	0.6767	0.7723	0.6921	0.5892	0.4573
108.0	0.6853	0.4779	0.3415	0.4167	0.5089	0.6156	0.6726	0.6278	0.5256	0.4389
111.0	0.7505	0.5429	0.3662	0.4387	0.4891	0.5609	0.6367	0.5776	0.5132	0.4670
114.0	0.8029	0.6067	0.4184	0.3864	0.5018	0.5710	0.6734	0.5898	0.5253	0.4466
117.0	0.8485	0.6644	0.5250	0.3813	0.4934	0.5851	0.7481	0.6060	0.5407	0.4286
120.0	0.8848	0.7166	0.5701	0.3754	0.4824	0.6281	0.9984	0.6966	0.5160	0.4022
123.0	0.9103	0.7569	0.6016	0.5287	0.4094	0.6939	1.100	0.7281	0.5460	0.5167
126.0	0.9238	0.7897	0.6479	0.6348	0.4765	0.6956	1.058	0.7736	0.4971	0.6160
129.0	0.9325	0.8145	0.6881	0.6501	0.6077	0.5497	0.7863	0.5833	0.5406	0.6662
132.0	0.9339	0.8212	0.7085	0.5824	0.7713	0.6133	0.5983	0.5722	0.6749	0.6084
135.0	0.9239	0.8205	0.7151	0.5837	0.7917	0.7921	0.7918	0.7392	0.8165	0.5951
138.0	0.8997	0.8091	0.7239	0.6182	0.5002	0.9123	0.9796	0.9057	0.5657	0.5959
141.0	0.8756	0.7963	0.7139	0.6782	0.5065	0.4737	0.8267	0.6012	0.5126	0.6744
144.0	0.8548	0.7789	0.7045	0.6488	0.5838	0.4932	0.4750	0.4845	0.5378	0.6668
147.0	0.8340	0.7614	0.7004	0.6602	0.7064	0.5912	0.5077	0.5488	0.6860	0.6548
150.0	0.8199	0.7534	0.6897	0.6387	0.6400	0.7327	0.7533	0.7212	0.6383	0.6548
153.0	0.8125	0.7554	0.6937	0.6509	0.6540	0.6542	0.6497	0.6407	0.6447	0.6294
156.0	0.8098	0.7575	0.7004	0.6883	0.6279	0.6662	0.6548	0.6515	0.6328	0.6476
159.0	0.8065	0.7615	0.7225	0.6985	0.6866	0.6428	0.6304	0.6287	0.6386	0.6790
162.0	0.8064	0.7635	0.7313	0.7179	0.6837	0.7004	0.6898	0.6904	0.6897	0.7005
165.0	0.8064	0.7675	0.7333	0.7326	0.6990	0.6985	0.6931	0.6870	0.6870	0.7186
168.0	0.8064	0.7709	0.7440	0.7394	0.7205	0.7226	0.7090	0.7005	0.6990	0.7286
171.0	0.8064	0.7796	0.7641	0.7602	0.7413	0.7401	0.7279	0.7233	0.7205	0.7441
174.0	0.8064	0.7924	0.7822	0.7891	0.7768	0.7716	0.7567	0.7536	0.7553	0.7669
177.0	0.8064	0.8125	0.8164	0.8212	0.8030	0.7931	0.7836	0.7910	0.7769	0.7877
180.0	0.8185	0.8245	0.8292	0.8400	0.8272	0.8192	0.8172	0.8098	0.7984	0.8051
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	226.7	226.3	229.6	229.6	229.8	229.4	229.2	228.5	228.3	227.5
3.0	228.8	227.1	228.9	227.5	226.6	225.0	224.1	222.7	222.6	222.1
6.0	231.7	228.8	229.2	226.4	223.8	220.7	218.6	216.5	216.2	216.2
9.0	235.3	231.6	230.6	226.2	221.5	216.6	212.9	209.7	209.2	209.7
12.0	239.9	235.4	232.9	226.6	219.7	212.4	206.8	202.5	201.6	202.7
15.0	245.5	240.4	236.3	227.8	218.0	208.2	200.6	195.0	193.8	195.5
18.0	252.2	246.4	240.7	229.6	216.6	204.0	194.2	187.5	185.9	188.2
21.0	259.7	253.4	246.0	231.8	215.4	199.8	187.7	179.8	178.0	180.6
24.0	267.8	261.2	252.0	234.4	214.2	195.2	180.9	172.0	169.9	172.9
27.0	277.0	270.1	258.8	237.3	212.8	190.2	173.7	163.8	161.6	164.9
30.0	287.3	280.1	266.4	240.3	211.1	184.5	166.0	155.4	152.9	156.6

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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	298.9	291.4	274.8	243.4	208.7	177.8	157.8	146.7	143.9	148.0
36.0	310.6	303.9	284.0	246.3	205.0	170.1	149.3	137.9	135.1	139.3
39.0	321.8	316.1	293.7	248.7	199.9	161.3	140.4	129.0	126.4	130.3
42.0	333.8	328.5	301.5	249.0	192.7	151.7	131.2	120.2	118.0	121.4
45.0	347.4	343.8	309.9	246.5	182.8	141.1	121.4	111.6	110.0	112.7
48.0	362.1	361.6	319.8	241.9	170.9	129.8	111.4	103.0	102.1	103.9
51.0	377.1	381.2	330.5	233.8	157.2	117.6	100.7	93.81	93.55	94.66
54.0	393.5	400.8	341.3	220.7	141.6	104.3	89.24	83.62	83.82	84.44
57.0	412.7	416.5	349.5	202.0	124.3	90.21	76.86	72.36	72.78	73.23
60.0	433.7	424.0	350.3	177.7	105.7	75.27	63.94	60.45	61.01	61.34
63.0	443.3	416.6	336.2	148.6	86.57	60.36	51.47	48.86	49.49	49.72
66.0	421.1	382.8	294.6	116.0	68.01	46.86	40.37	38.18	38.51	38.97
69.0	351.5	320.7	228.9	84.70	50.98	35.67	30.86	28.07	24.53	28.86
72.0	257.9	231.3	147.2	60.61	37.19	26.92	23.48	18.27	15.58	18.35
75.0	170.1	137.0	89.19	43.68	26.89	20.03	17.73	11.68	11.53	11.95
78.0	105.4	77.68	54.95	31.31	19.24	14.46	12.53	8.155	9.145	8.356
81.0	58.74	47.61	30.35	21.95	11.97	9.828	8.249	6.297	8.227	6.397
84.0	28.91	26.62	13.32	13.94	6.076	6.202	5.666	5.296	7.134	5.405
87.0	13.04	10.41	3.965	5.682	3.100	3.343	3.332	3.515	4.233	3.821
90.0	2.167	2.093	1.378	1.358	1.101	1.030	1.150	1.240	1.515	1.415
93.0	0.4959	0.2751	0.2663	0.4226	0.5193	0.4618	0.6751	0.9182	1.011	0.9069
96.0	0.3599	0.2973	0.3144	0.4553	0.4578	0.3463	0.4589	0.7979	0.8537	0.7739
99.0	0.3582	0.3410	0.4062	0.5472	0.5230	0.3929	0.4871	0.7556	0.7955	0.7308
102.0	0.3723	0.4000	0.5015	0.6492	0.6189	0.4828	0.4871	0.6779	0.7175	0.6630
105.0	0.3890	0.4671	0.5954	0.7485	0.7116	0.6183	0.5257	0.6059	0.6260	0.5952
108.0	0.3845	0.5263	0.6813	0.8297	0.8048	0.7162	0.6068	0.6132	0.6280	0.5897
111.0	0.4125	0.6006	0.7530	0.8982	0.8811	0.8102	0.6832	0.6279	0.6233	0.6018
114.0	0.4648	0.6604	0.8147	0.9606	0.9509	0.8821	0.7503	0.6768	0.6504	0.6453
117.0	0.5424	0.7167	0.8717	1.015	1.023	0.9364	0.8282	0.7418	0.8143	0.7096
120.0	0.6003	0.7575	0.9105	1.051	1.072	0.9760	0.8810	0.8176	0.9438	0.7787
123.0	0.6245	0.7944	0.9421	1.075	1.105	1.017	0.9159	0.9008	1.063	0.8639
126.0	0.6574	0.8158	0.9635	1.092	1.106	1.039	0.9688	0.9633	1.073	0.9552
129.0	0.6788	0.8165	0.9789	1.103	1.101	1.046	1.009	0.9970	1.083	1.014
132.0	0.7091	0.8030	0.9788	1.095	1.088	1.027	1.025	0.9852	0.9923	0.9969
135.0	0.7172	0.7869	0.9707	1.070	1.050	1.026	0.9821	1.019	0.9946	1.060
138.0	0.7152	0.7715	0.9465	1.023	1.002	1.029	0.9567	0.9742	1.017	1.002
141.0	0.7192	0.7574	0.9170	0.9843	0.9854	0.9877	0.9639	0.9661	0.9762	0.9943
144.0	0.6964	0.7514	0.8929	0.9534	0.9573	0.9656	1.004	0.9328	0.9715	0.9903
147.0	0.6904	0.7420	0.8728	0.9246	0.9338	0.9105	0.9351	1.034	1.033	1.051
150.0	0.6931	0.7373	0.8580	0.9058	0.9050	0.9245	0.8942	0.9461	0.9586	0.9528
153.0	0.6850	0.7420	0.8474	0.8984	0.8922	0.9037	0.8636	0.8880	0.9240	0.8905
156.0	0.6917	0.7474	0.8467	0.8896	0.8796	0.8923	0.8890	0.8883	0.8931	0.9136
159.0	0.7111	0.7487	0.8433	0.8816	0.8708	0.8890	0.8890	0.8856	0.8923	0.8923
162.0	0.7333	0.7568	0.8400	0.8742	0.8702	0.8823	0.8748	0.8869	0.8929	0.8916
165.0	0.7420	0.7749	0.8373	0.8735	0.8695	0.8762	0.8594	0.8676	0.8620	0.8676
168.0	0.7521	0.7810	0.8319	0.8655	0.8648	0.8648	0.8580	0.8541	0.8495	0.8581
171.0	0.7587	0.7897	0.8259	0.8521	0.8581	0.8621	0.8487	0.8588	0.8446	0.8581
174.0	0.7749	0.7977	0.8178	0.8413	0.8473	0.8548	0.8406	0.8527	0.8386	0.8487
177.0	0.7949	0.8004	0.8185	0.8326	0.8379	0.8454	0.8319	0.8367	0.8285	0.8307
180.0	0.7970	0.8071	0.8192	0.8279	0.8286	0.8386	0.8299	0.8198	0.8178	0.8118
G/C	300.0	315.0	330.0	345.0						
0.0	227.4	226.8	226.7	226.3						
3.0	223.0	223.6	225.0	226.3						
6.0	218.2	220.5	223.7	227.1						
9.0	213.1	217.4	223.0	228.7						
12.0	207.6	214.2	222.6	231.1						
15.0	201.9	210.9	222.4	234.3						
18.0	196.0	207.5	222.4	238.2						
21.0	189.8	203.8	222.4	242.5						
24.0	183.3	199.8	222.2	247.3						
27.0	176.3	195.1	221.8	252.2						
30.0	168.9	189.7	220.8	257.1						
33.0	161.0	183.5	219.0	261.9						
36.0	152.6	176.2	216.0	266.2						
39.0	143.6	167.5	211.0	269.5						
42.0	134.0	157.1	202.9	269.3						
45.0	124.2	146.1	192.0	264.6						
48.0	114.1	134.8	179.4	257.8						
51.0	103.4	122.7	165.4	248.5						
54.0	91.83	109.5	149.6	235.2						
57.0	79.42	95.40	132.4	216.9						
60.0	66.49	80.54	113.9	193.0						
63.0	53.80	65.43	94.66	164.3						
66.0	42.49	51.27	75.74	132.0						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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	32.53	39.25	57.84	98.46
72.0	24.75	29.66	42.90	70.66
75.0	18.72	22.13	30.77	50.32
78.0	13.52	16.20	22.15	35.98
81.0	9.038	11.49	15.53	25.32
84.0	6.183	7.421	8.223	17.36
87.0	4.049	4.518	4.138	9.422
90.0	1.565	1.669	2.023	3.258
93.0	0.7897	0.7405	0.7845	0.9004
96.0	0.4527	0.3614	0.4749	0.4495
99.0	0.4423	0.3542	0.4927	0.5210
102.0	0.4677	0.4292	0.5726	0.6096
105.0	0.4867	0.5431	0.6619	0.7076
108.0	0.5631	0.6505	0.7551	0.7921
111.0	0.6296	0.7344	0.8294	0.8566
114.0	0.6966	0.8062	0.8872	0.9056
117.0	0.7631	0.8680	0.9489	0.9552
120.0	0.8207	0.9156	0.9984	0.9922
123.0	0.8663	0.9793	1.045	1.016
126.0	0.9308	1.020	1.077	1.021
129.0	0.9903	1.051	1.073	1.022
132.0	1.018	1.053	1.061	1.011
135.0	0.9990	1.057	1.030	0.9870
138.0	0.9929	1.061	0.9975	0.9561
141.0	0.9922	1.012	0.9653	0.9246
144.0	1.040	0.9451	0.9298	0.8917
147.0	0.9553	0.9118	0.8949	0.8562
150.0	0.8876	0.8998	0.8660	0.8306
153.0	0.8845	0.8883	0.8433	0.8179
156.0	0.8789	0.8729	0.8285	0.8105
159.0	0.8802	0.8534	0.8272	0.8105
162.0	0.8607	0.8400	0.8205	0.8111
165.0	0.8467	0.8360	0.8205	0.8011
168.0	0.8453	0.8373	0.8205	0.7971
171.0	0.8386	0.8353	0.8178	0.7957
174.0	0.8359	0.8286	0.8071	0.7930
177.0	0.8178	0.8185	0.8024	0.7937
180.0	0.8037	0.8078	0.8024	0.8058

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-08-27

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: