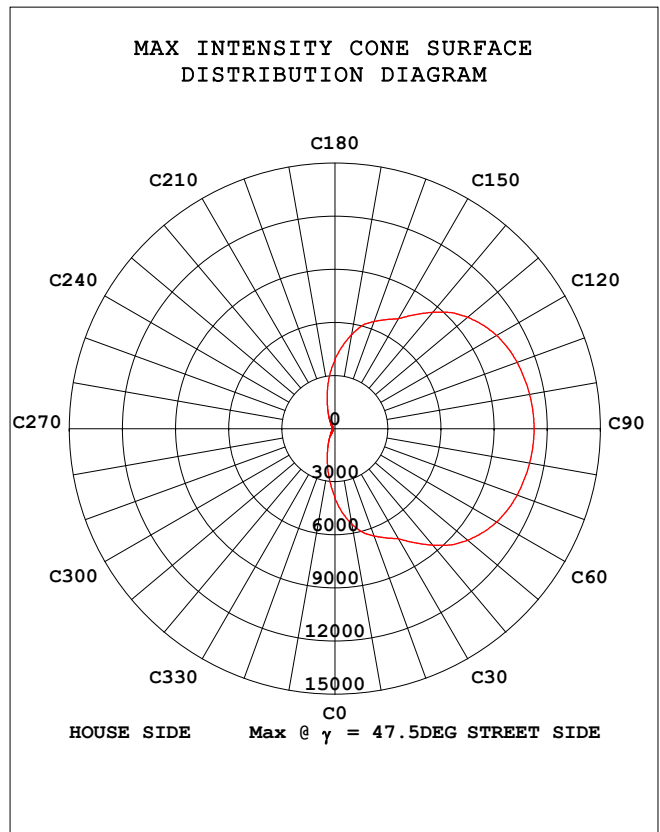
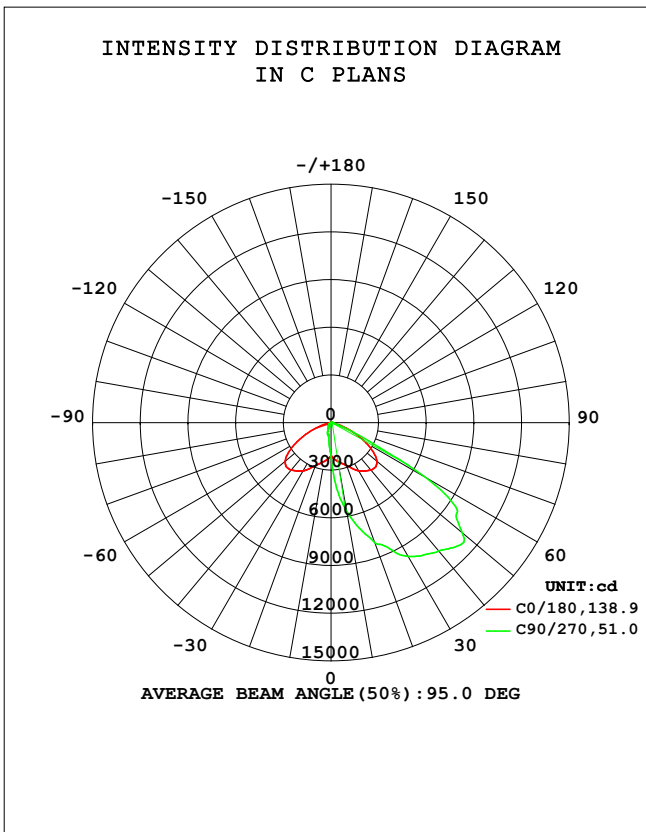


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.5452A P:117.4W PF:0.9357 Lamp Flux:15524.1x1 lm		
NAME: ST11-120	TYPE:120W	WEIGHT:
SPEC.:5000K Ra70 R10506	DIM.: 0.32*0.532*0.1	SERIAL No.:
MFR.:	SUR.:0.24*0.31	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.23 lm/W			
MODEL	SEOUL5050	Imax (cd)	11247	η street_up (%)	0.0
NOMINAL POWER (W)	120	LOR (%)	100.0	η street_down (%)	90.0
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	15524	η house_up (%)	0.0
NOMINAL FLUX (lm)	15524.1	MAXIMUM @ (C, γ)	90,47.5	η house_down (%)	10.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



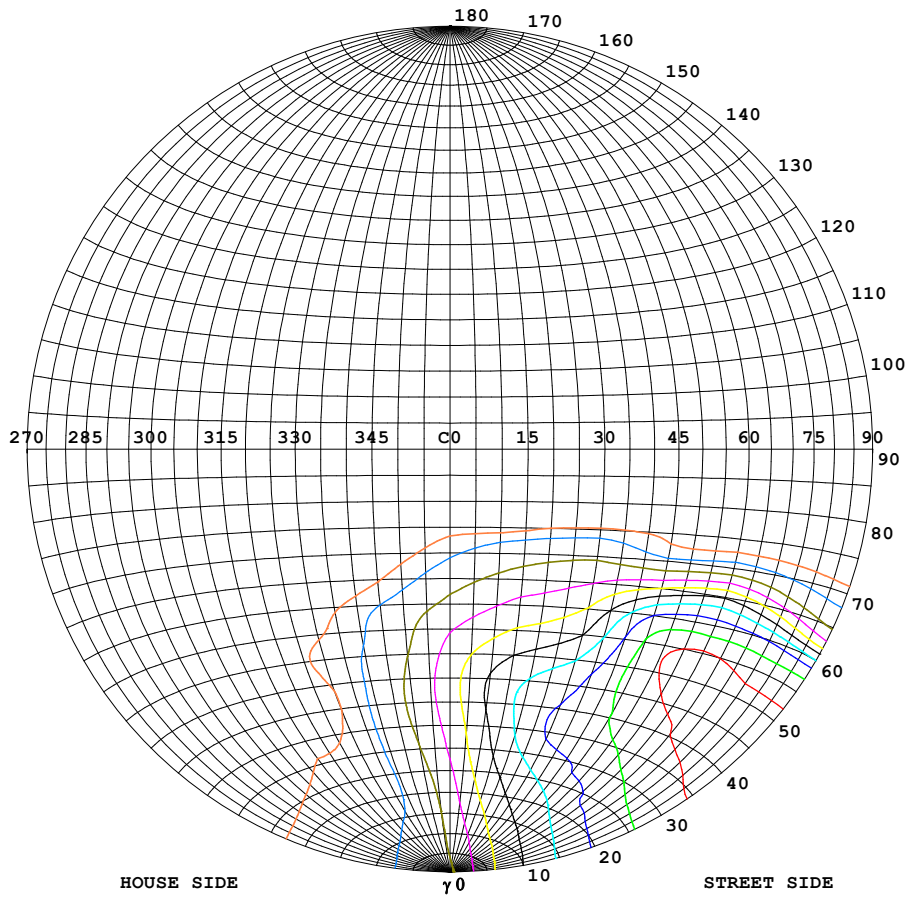
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.500m [K=1.0000]
 Remarks:

Checker: LI
 Note: SLI: Specific Luminaire Index

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type III - Very Short
 CIE:Average - Short
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:12.30cd/klm
 Max.At90:0cd/klm
 Max.80-90:12.30cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11247
90%	10122
80%	8998
70%	7873
60%	6748
50%	5624
40%	4499
30%	3374
20%	2249
10%	1125
5%	562

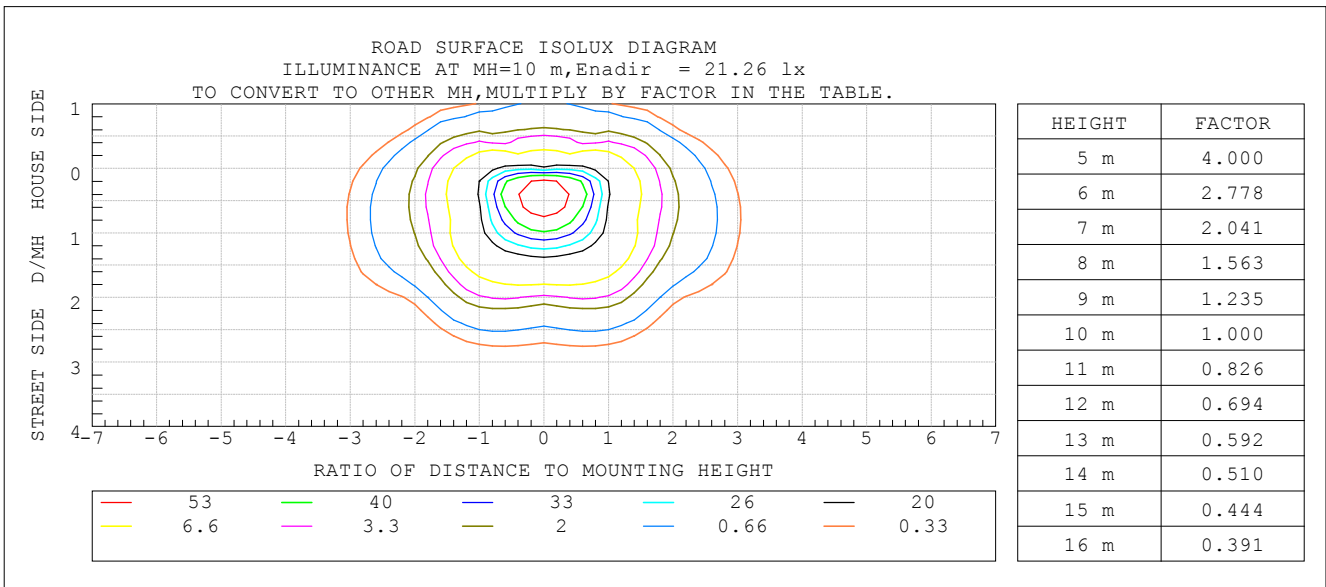
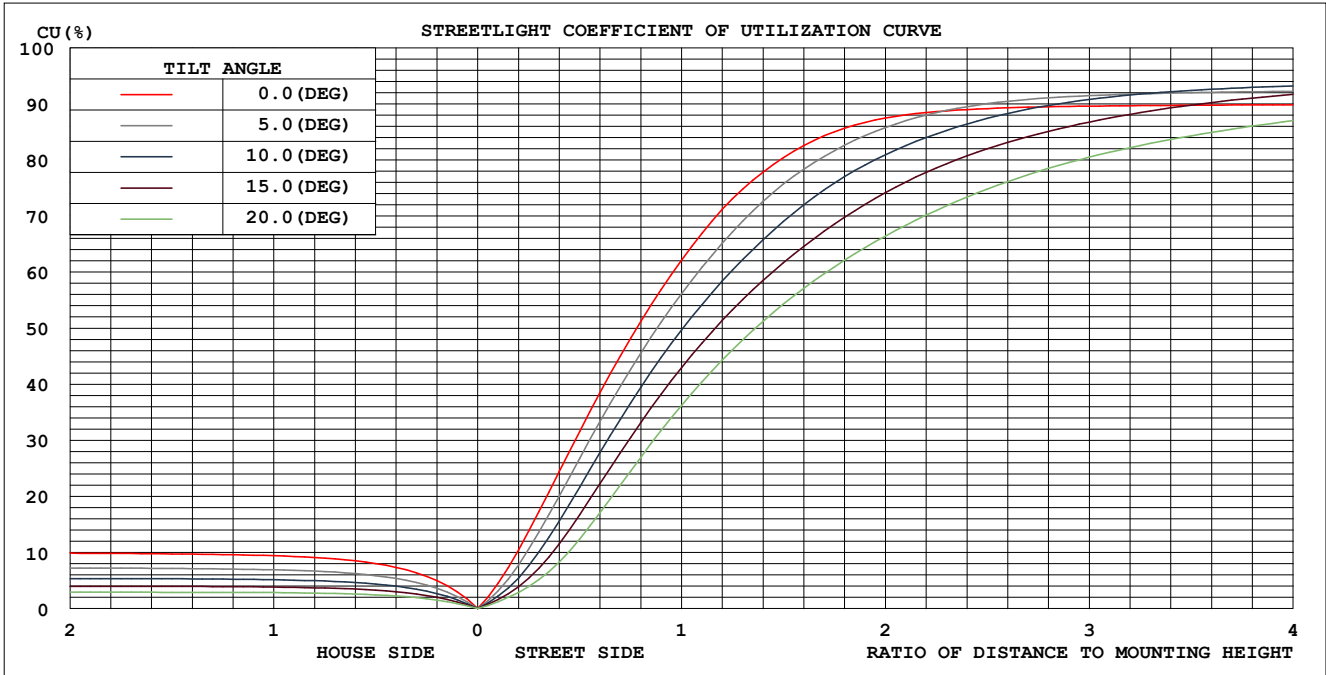
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-06-07

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 9.500m [K=1.0000]
Remarks:

Checker: LI

Assessor:

ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	229.3	357.8	413.3	357.8	229.3	161.1	142.3	161.1	0- 5	57.37	57.37	0.37,0.37
10	247.9	482.8	562.6	482.8	247.9	113.6	91.56	113.6	5- 10	198.0	255.4	1.65,1.65
15	266.1	580.2	686.4	580.2	266.1	89.48	77.98	89.48	10- 15	370.8	626.2	4.03,4.03
20	288.3	655.7	802.2	655.7	288.3	80.10	66.48	80.10	15- 20	575.5	1202	7.74,7.74
25	319.1	729.9	876.3	729.9	319.1	70.02	48.77	70.02	20- 25	802.5	2004	12.9,12.9
30	351.6	799.5	972.8	799.5	351.6	58.91	35.64	58.91	25- 30	1050	3054	19.7,19.7
35	372.1	855.7	1016	855.7	372.1	47.56	28.36	47.56	30- 35	1308	4362	28.1,28.1
40	389.8	899.0	1055	899.0	389.8	41.13	25.19	41.13	35- 40	1546	5908	38.1,38.1
45	396.1	920.1	1107	920.1	396.1	37.16	21.67	37.16	40- 45	1750	7659	49.3,49.3
50	377.8	930.2	1079	930.2	377.8	26.41	15.61	26.41	45- 50	1909	9568	61.6,61.6
55	327.0	905.5	970.9	905.5	327.0	17.70	13.36	17.70	50- 55	1910	11477	73.9,73.9
60	253.0	788.0	671.9	788.0	253.0	12.52	10.77	12.52	55- 60	1743	13220	85.2,85.2
65	175.7	452.7	211.7	452.7	175.7	9.116	6.578	9.116	60- 65	1285	14505	93.4,93.4
70	98.75	134.2	71.24	134.2	98.75	5.739	2.852	5.739	65- 70	670.7	15175	97.8,97.8
75	34.70	43.51	21.10	43.51	34.70	2.251	0.4727	2.251	70- 75	245.1	15420	99.3,99.3
80	9.210	19.09	7.858	19.09	9.210	0.6708	0.1505	0.6708	75- 80	68.84	15489	99.8,99.8
85	3.242	6.845	4.174	6.845	3.242	0.5014	0.4111	0.5014	80- 85	24.93	15514	99.9,99.9
90	0	0	0	0	0	0	0	0	85- 90	10.03	15524	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

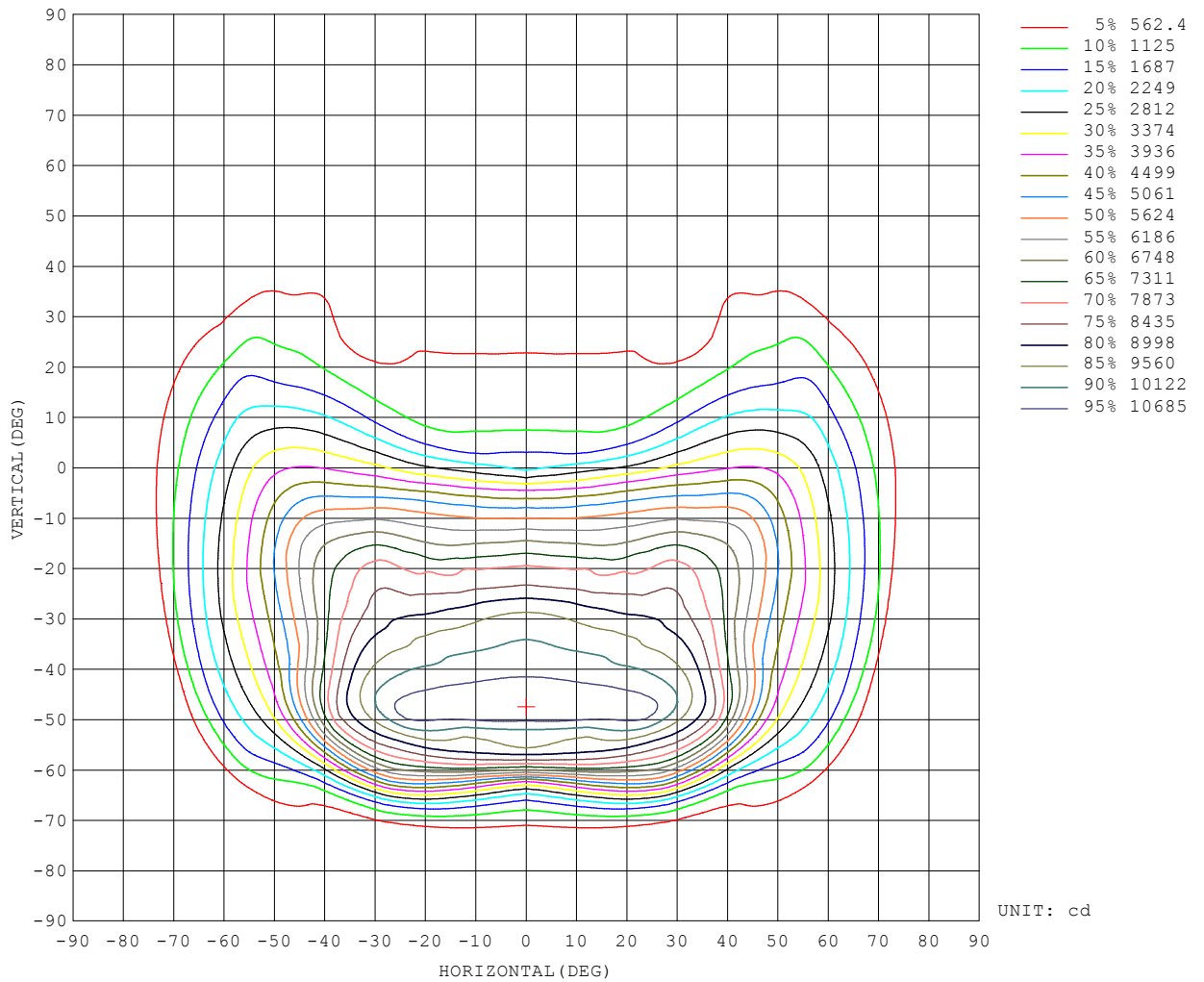
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

ISOCANDELA DIAGRAM



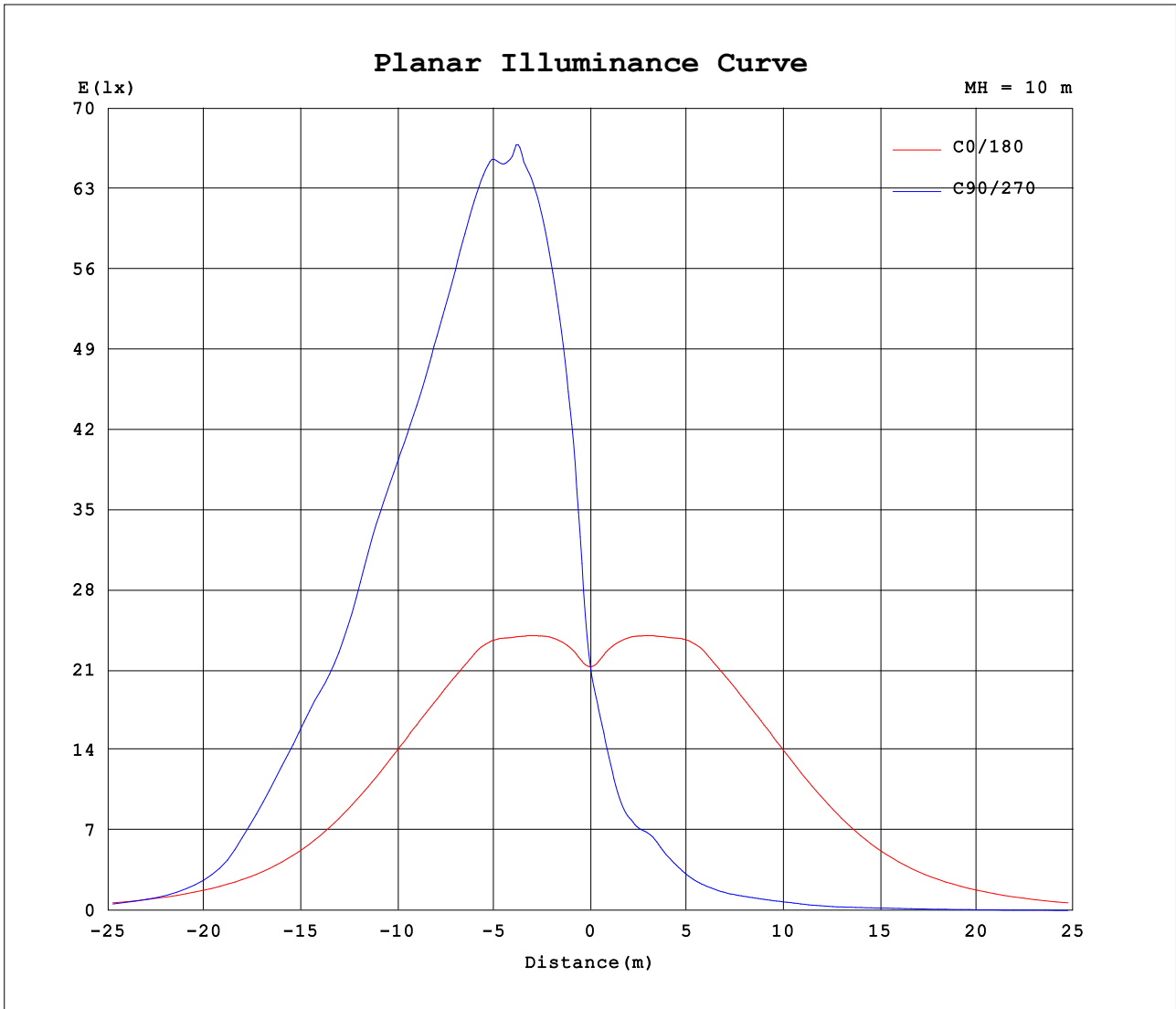
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.500m [K=1.0000]
 Remarks:

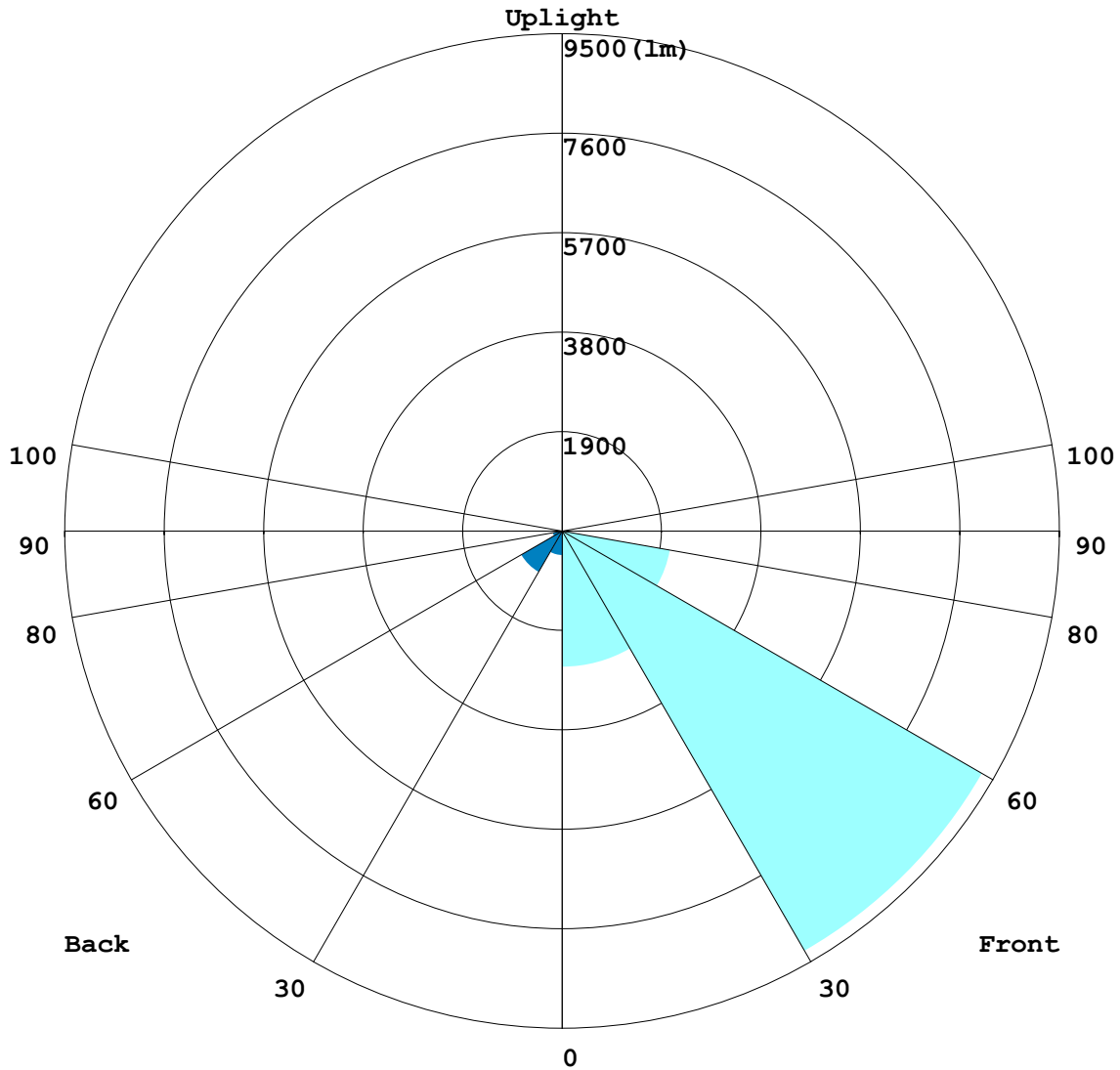
Checker: LI

Assessor:

LCS REPORT

Test:U:230.1V I:0.5452A P:117.4W PF:0.9357 Lamp Flux:15524.1x1 lm		
NAME: ST11-120	TYPE:120W	WEIGHT:
SPEC.:5000K Ra70 R10506	DIM.: 0.32*0.532*0.1	SERIAL No.:
MFR.:	SUR.:0.24*0.31	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

BUG REPORT

Test:U:230.1V I:0.5452A P:117.4W PF:0.9357 Lamp Flux:15524.1x1 lm		
NAME: ST11-120	TYPE:120W	WEIGHT:
SPEC.:5000K Ra70 R10506	DIM.: 0.32*0.532*0.1	SERIAL No.:
MFR.:	SUR.:0.24*0.31	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2594.4	16.7
FM - Front-Medium(30-60)	9261.4	59.7
FH - Front-High(60-80)	2090.6	13.5
FVH - Front-Very High(80-90)	30.518	0.2
Total Forward Light	13977	90.0

BL - Back-Low(0-30)	459.82	3.0
BM - Back-Medium(30-60)	904.08	5.8
BH - Back-High(60-80)	178.84	1.2
BVH - Back-Very High(80-90)	4.4369	0.0
Total Back Light	1547.2	10.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B1-U0-G2
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1547.2	0	1547.2
Street Side	13977	0	13977

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

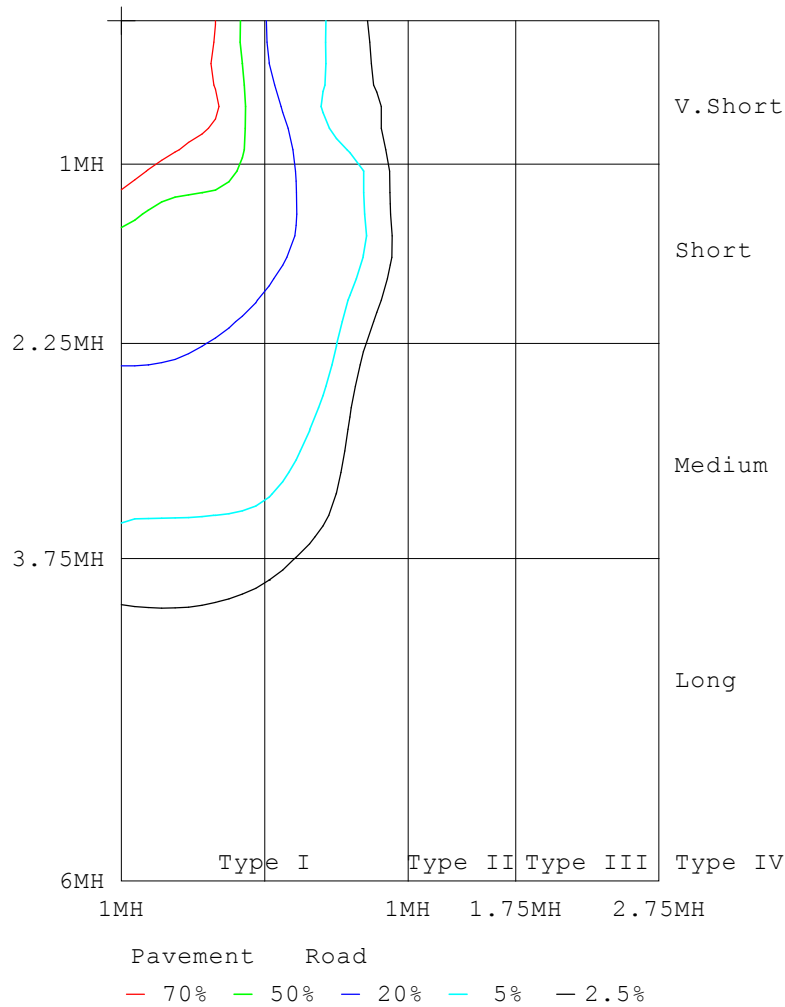
Checker: LI

Assessor:

ROAD ISOCANDELA REPORT

Test:U:230.1V I:0.5452A P:117.4W PF:0.9357 Lamp Flux:15524.1x1 lm		
NAME: ST11-120	TYPE:120W	WEIGHT:
SPEC.:5000K Ra70 R10506	DIM.: 0.32*0.532*0.1	SERIAL No.:
MFR.:	SUR.:0.24*0.31	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	229	236	243	250	257	264	271	279	287	294	302	310	317	324	331	338	345	351	358
10	248	263	277	292	307	322	336	352	367	383	397	412	425	436	447	457	466	475	483
15	266	291	316	339	362	384	405	425	444	463	480	496	512	525	538	549	560	570	580
20	288	323	356	387	416	444	469	492	514	533	552	568	584	598	611	623	634	645	656
25	319	359	397	433	466	497	526	551	574	595	615	633	649	664	679	692	705	718	730
30	352	394	434	472	508	543	575	606	636	663	688	711	731	746	759	771	781	790	799
35	372	416	459	500	539	577	613	650	685	718	748	776	800	814	825	834	842	849	856
40	390	440	487	530	571	609	644	675	703	729	752	774	794	814	833	851	867	883	899
45	396	445	491	533	571	606	637	660	680	698	715	732	750	778	806	835	864	893	920
50	378	413	447	478	508	535	560	578	594	610	627	647	669	709	752	797	842	887	930
55	327	352	376	398	420	441	460	471	483	495	511	531	557	610	669	729	791	850	906
60	253	274	294	313	331	349	366	375	385	396	411	429	454	507	564	624	682	738	788
65	176	195	213	229	245	260	274	284	293	302	312	322	334	351	371	391	411	432	453
70	98.7	114	128	141	152	163	173	183	192	199	205	208	208	198	186	172	159	146	134
75	34.7	37.2	39.7	42.2	44.7	47.1	49.6	52.9	56.1	59.0	61.4	63.1	64.1	61.9	58.9	55.4	51.5	47.5	43.5
80	9.21	9.54	9.87	10.2	10.5	10.9	11.2	11.5	11.8	12.1	12.5	12.9	13.4	14.5	15.6	16.7	17.6	18.5	19.1
85	3.24	3.62	3.95	4.22	4.44	4.60	4.70	4.60	4.48	4.34	4.23	4.15	4.14	4.54	5.00	5.49	5.99	6.45	6.84
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: x10cd

C (DEG) \ γ (DEG)	47.5	50	52.5	55	57.5	60	62.5	65	67.5	70	72.5	75	77.5	80	82.5	85	87.5	90	92.5
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	364	370	375	381	385	390	393	396	399	401	404	405	407	409	411	412	413	413	413
10	491	499	506	513	519	525	530	535	539	543	547	550	553	556	559	561	562	563	562
15	590	600	609	618	626	634	641	647	653	659	664	668	673	677	681	683	685	686	685
20	668	680	692	704	715	725	735	744	752	760	767	774	781	787	793	797	800	802	800
25	744	757	770	783	795	806	815	823	831	838	844	850	856	862	867	872	875	876	875
30	812	824	836	848	861	873	887	900	913	925	937	947	955	961	966	970	972	973	972
35	869	884	898	913	927	941	952	963	972	981	989	996	1002	1007	1011	1014	1016	1016	1016
40	916	932	948	962	976	989	1000	1009	1018	1025	1032	1037	1042	1047	1050	1053	1054	1055	1054
45	942	963	982	999	1015	1029	1041	1052	1062	1070	1078	1084	1091	1096	1100	1104	1106	1107	1106
50	964	994	1021	1045	1065	1082	1092	1099	1102	1104	1103	1101	1098	1094	1090	1086	1082	1079	1082
55	941	971	995	1012	1024	1030	1022	1009	993	976	959	943	944	948	953	959	965	971	965
60	810	824	833	836	834	829	825	819	811	801	789	775	755	734	714	696	682	672	682
65	477	500	520	535	546	549	530	504	474	439	403	366	331	298	268	243	224	212	224
70	135	138	142	147	151	154	149	142	134	125	116	106	98.0	90.4	83.6	78.0	73.8	71.2	73.8
75	41.4	39.4	37.7	36.1	34.7	33.2	31.3	29.4	27.6	26.0	24.4	23.1	22.3	21.7	21.3	21.1	21.0	21.1	21.0
80	18.8	18.3	17.6	16.7	15.7	14.7	13.7	12.7	11.7	10.7	9.87	9.08	8.63	8.28	8.04	7.90	7.84	7.86	7.84
85	6.88	6.83	6.73	6.57	6.38	6.18	6.09	6.00	5.90	5.79	5.67	5.53	5.27	4.99	4.73	4.50	4.31	4.17	4.31
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: ×10cd

C (DEG) γ (DEG)	95	97.5	100	102.5	105	107.5	110	112.5	115	117.5	120	122.5	125	127.5	130	132.5	135	137.5	140
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	412	411	409	407	405	404	401	399	396	393	390	385	381	375	370	364	358	351	345
10	561	559	556	553	550	547	543	539	535	530	525	519	513	506	499	491	483	475	466
15	683	681	677	673	668	664	659	653	647	641	634	626	618	609	600	590	580	570	560
20	797	793	787	781	774	767	760	752	744	735	725	715	704	692	680	668	656	645	634
25	872	867	862	856	850	844	838	831	823	815	806	795	783	770	757	744	730	718	705
30	970	966	961	955	947	937	925	913	900	887	873	861	848	836	824	812	799	790	781
35	1014	1011	1007	1002	996	989	981	972	963	952	941	927	913	898	884	869	856	849	842
40	1053	1050	1047	1042	1037	1032	1025	1018	1009	1000	989	976	962	948	932	916	899	883	867
45	1104	1100	1096	1091	1084	1078	1070	1062	1052	1041	1029	1015	999	982	963	942	920	893	864
50	1086	1090	1094	1098	1101	1103	1104	1102	1099	1092	1082	1065	1045	1021	994	964	930	887	842
55	959	953	948	944	943	959	976	993	1009	1022	1030	1024	1012	995	971	941	906	850	791
60	696	714	734	755	775	789	801	811	819	825	829	834	836	833	824	810	788	738	682
65	243	268	298	331	366	403	439	474	504	530	549	546	535	520	500	477	453	432	411
70	78.0	83.6	90.4	98.0	106	116	125	134	142	149	154	151	147	142	138	135	134	146	159
75	21.1	21.3	21.7	22.3	23.1	24.4	26.0	27.6	29.4	31.3	33.2	34.7	36.1	37.7	39.4	41.4	43.5	47.5	51.5
80	7.90	8.04	8.28	8.63	9.08	9.87	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.6	18.3	18.8	19.1	18.5	17.6
85	4.50	4.73	4.99	5.27	5.53	5.67	5.79	5.90	6.00	6.09	6.18	6.38	6.57	6.73	6.83	6.88	6.84	6.45	5.99
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: ×10cd

C (DEG) γ (DEG)	142.5	145	147.5	150	152.5	155	157.5	160	162.5	165	167.5	170	172.5	175	177.5	180	182.5	185	187.5
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	338	331	324	317	310	302	294	287	279	271	264	257	249	243	236	229	223	217	211
10	457	447	436	425	412	397	383	367	352	336	321	306	291	276	262	248	234	221	208
15	549	538	525	512	496	480	463	444	425	405	382	358	335	311	288	266	246	226	207
20	623	611	598	584	568	552	533	514	492	469	440	410	379	348	318	288	263	238	214
25	692	679	664	649	633	615	595	574	551	526	493	458	423	388	353	319	289	260	231
30	771	759	746	731	711	688	663	636	606	575	539	501	463	426	388	352	319	286	255
35	834	825	814	800	776	748	718	685	650	613	573	532	491	450	411	372	338	305	272
40	851	833	814	794	774	752	729	703	675	644	604	562	518	475	432	390	354	319	285
45	835	806	778	750	732	715	698	680	660	637	600	562	521	479	438	396	359	322	285
50	797	752	709	669	647	627	610	594	578	560	533	504	474	443	411	378	342	305	268
55	729	669	610	557	531	511	495	483	471	460	440	419	397	375	351	327	299	269	238
60	624	564	507	454	429	411	396	385	375	366	349	330	312	293	273	253	231	207	184
65	391	371	351	334	322	312	302	293	284	274	259	244	228	211	194	176	155	134	112
70	172	186	198	208	208	205	199	192	183	173	162	150	138	125	112	98.7	84.5	70.2	55.9
75	55.4	58.9	61.9	64.1	63.1	61.4	59.0	56.1	52.9	49.6	47.4	45.1	42.8	40.3	37.6	34.7	30.2	25.3	20.3
80	16.7	15.6	14.5	13.4	12.9	12.5	12.1	11.8	11.5	11.2	11.0	10.8	10.5	10.1	9.72	9.21	8.18	7.04	5.82
85	5.49	5.00	4.54	4.14	4.15	4.23	4.34	4.48	4.60	4.70	4.56	4.38	4.15	3.88	3.58	3.24	2.81	2.35	1.88
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: x10cd

C (DEG) γ (DEG)	190	192.5	195	197.5	200	202.5	205	207.5	210	212.5	215	217.5	220	222.5	225	227.5	230	232.5	235
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	205	199	194	190	186	183	181	178	176	173	171	168	166	163	161	159	157	156	154
10	195	183	172	164	157	151	146	142	138	133	129	124	120	117	114	111	108	106	104
15	188	171	154	143	133	124	118	112	108	103	99.5	96.3	93.6	91.3	89.5	87.7	86.2	85.0	84.0
20	191	169	149	134	121	110	102	95.6	90.7	86.8	84.0	82.1	81.0	80.4	80.1	79.0	78.0	77.0	76.2
25	204	178	154	136	120	107	96.5	88.3	82.0	77.5	74.3	72.3	71.1	70.4	70.0	67.9	65.9	63.9	61.9
30	224	195	167	145	125	109	94.8	83.6	74.7	68.8	64.7	62.0	60.3	59.4	58.9	56.3	53.7	51.2	48.8
35	241	210	181	154	130	109	91.2	75.9	63.6	56.6	51.9	49.1	47.8	47.4	47.6	45.1	42.7	40.5	38.4
40	251	219	187	158	132	108	87.3	69.9	55.9	48.4	43.6	41.1	40.2	40.4	41.1	38.8	36.5	34.3	32.3
45	248	213	179	151	127	105	86.5	71.2	58.9	50.9	45.2	41.4	39.0	37.8	37.2	34.3	31.7	29.4	27.3
50	231	194	160	137	118	102	89.3	78.7	70.0	59.7	50.7	43.0	36.4	30.9	26.4	23.4	21.3	19.8	19.0
55	207	176	146	124	104	87.2	72.6	60.3	50.1	41.2	33.9	28.1	23.5	20.1	17.7	15.9	14.8	14.3	14.1
60	159	135	112	93.3	76.6	61.9	49.2	38.6	29.9	23.8	19.3	16.2	14.1	13.0	12.5	11.6	11.0	10.7	10.6
65	91.2	70.6	51.6	40.8	32.4	26.3	21.9	19.1	17.4	14.7	12.7	11.2	10.2	9.51	9.12	8.57	8.18	7.92	7.76
70	42.1	29.2	17.7	12.8	9.86	8.49	8.33	9.01	10.1	9.20	8.36	7.59	6.90	6.29	5.74	5.24	4.81	4.42	4.10
75	15.3	10.6	6.31	4.91	4.20	4.05	4.29	4.78	5.36	4.87	4.35	3.81	3.26	2.74	2.25	1.97	1.74	1.54	1.39
80	4.59	3.38	2.27	1.87	1.63	1.52	1.50	1.55	1.62	1.46	1.29	1.13	0.96	0.81	0.67	0.58	0.51	0.45	0.40
85	1.42	0.97	0.57	0.44	0.37	0.35	0.38	0.44	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--6

UNIT: x10cd

Table with 19 columns (C (DEG) and 18 data points) and 20 rows (gamma (DEG) from 0 to 90). The table contains luminous intensity data for various angles.

C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-07

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: ×10cd

C (DEG) \ γ (DEG)	285	287.5	290	292.5	295	297.5	300	302.5	305	307.5	310	312.5	315	317.5	320	322.5	325	327.5	330
0	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
5	144	145	146	147	148	150	151	153	154	156	157	159	161	163	166	168	171	173	176
10	93.7	94.5	95.5	96.7	98.0	99.4	101	103	104	106	108	111	114	117	120	124	129	133	138
15	79.1	79.4	79.9	80.4	80.9	81.6	82.4	83.1	84.0	85.0	86.2	87.7	89.5	91.3	93.6	96.3	99.5	103	108
20	68.2	69.0	70.0	71.1	72.2	73.3	74.5	75.3	76.2	77.0	78.0	79.0	80.1	80.4	81.0	82.1	84.0	86.8	90.7
25	50.7	51.6	52.6	53.9	55.2	56.7	58.3	60.1	61.9	63.9	65.9	67.9	70.0	70.4	71.1	72.3	74.3	77.5	82.0
30	37.2	38.0	38.9	40.0	41.3	42.8	44.5	46.6	48.8	51.2	53.7	56.3	58.9	59.4	60.3	62.0	64.7	68.8	74.7
35	30.0	30.4	31.0	31.7	32.5	33.5	34.8	36.5	38.4	40.5	42.7	45.1	47.6	47.4	47.8	49.1	51.9	56.6	63.6
40	26.0	26.2	26.4	26.8	27.3	28.0	29.0	30.6	32.3	34.3	36.5	38.8	41.1	40.4	40.2	41.1	43.6	48.4	55.9
45	22.2	22.2	22.2	22.4	22.7	23.3	24.1	25.6	27.3	29.4	31.7	34.3	37.2	37.8	39.0	41.4	45.2	50.9	58.9
50	16.9	16.9	17.1	17.2	17.5	17.9	18.4	18.5	19.0	19.8	21.3	23.4	26.4	30.9	36.4	43.0	50.7	59.7	70.0
55	12.6	12.8	13.0	13.3	13.7	14.1	14.6	14.3	14.1	14.3	14.8	15.9	17.7	20.1	23.5	28.1	33.9	41.2	50.1
60	10.3	10.3	10.4	10.4	10.6	10.7	10.9	10.7	10.6	10.7	11.0	11.6	12.5	13.0	14.1	16.2	19.3	23.8	29.9
65	6.67	6.78	6.91	7.06	7.23	7.42	7.62	7.67	7.76	7.92	8.18	8.57	9.12	9.51	10.2	11.2	12.7	14.7	17.4
70	3.13	3.15	3.19	3.25	3.33	3.44	3.60	3.82	4.10	4.42	4.81	5.24	5.74	6.29	6.90	7.59	8.36	9.20	10.1
75	0.65	0.71	0.77	0.85	0.94	1.04	1.16	1.26	1.39	1.54	1.74	1.97	2.25	2.74	3.26	3.81	4.35	4.87	5.36
80	0.20	0.21	0.22	0.24	0.26	0.29	0.32	0.35	0.40	0.45	0.51	0.58	0.67	0.81	0.96	1.13	1.29	1.46	1.62
85	0.45	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-07

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.500m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

