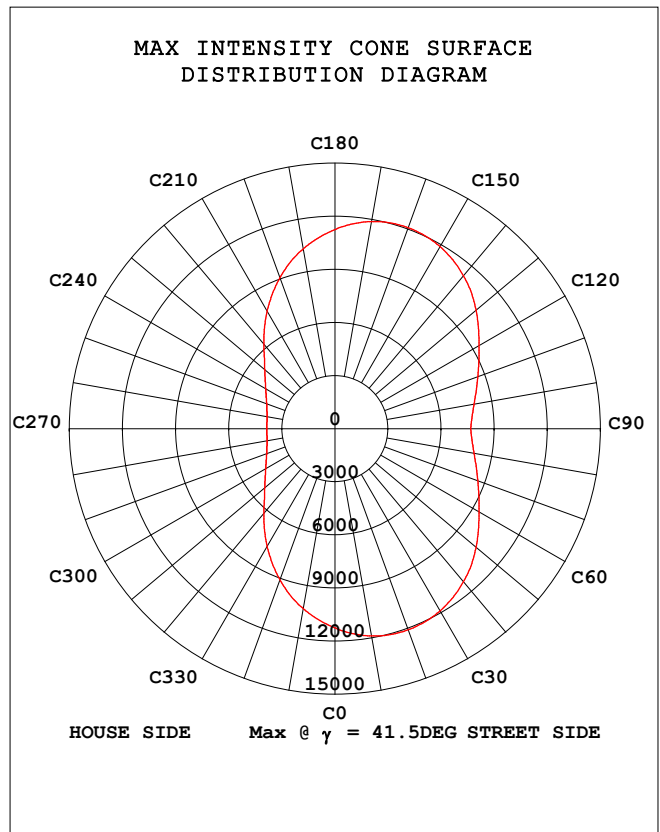
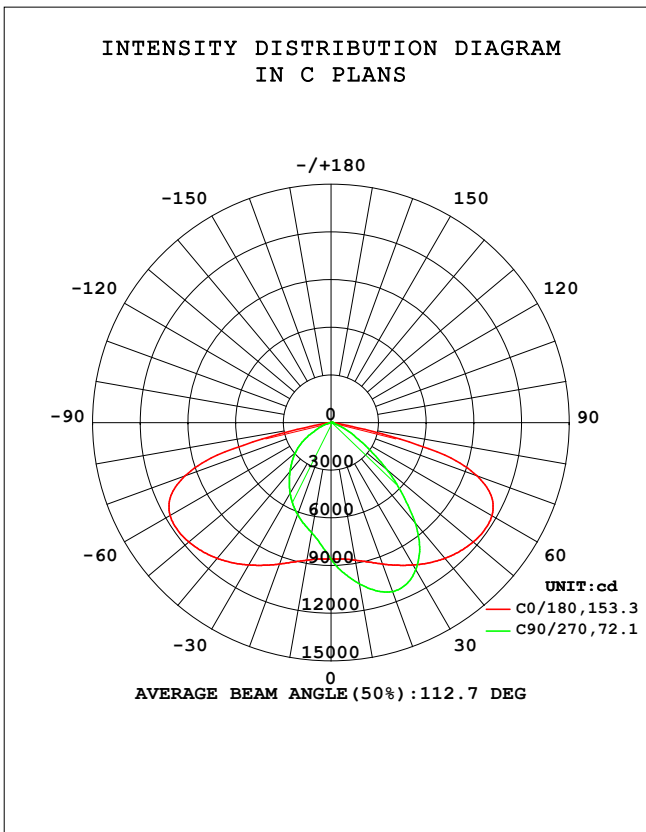


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:1.066A P:241.4W PF:0.9848 Lamp Flux:30909.1x1 lm		
	TYPE:240W	WEIGHT:
	DIM.:	SERIAL No.:
MFR.:	SUR.:0.355*0.28	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.06 lm/W			
MODEL	3030	I _{max} (cd)	12089	η street_up (%)	0.0
NOMINAL POWER (W)	240	LOR (%)	100.0	η street_down (%)	58.2
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	30909	η house_up (%)	0.0
NOMINAL FLUX (lm)	30909.1	MAXIMUM @ (C, γ)	20,41.5	η house_down (%)	41.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



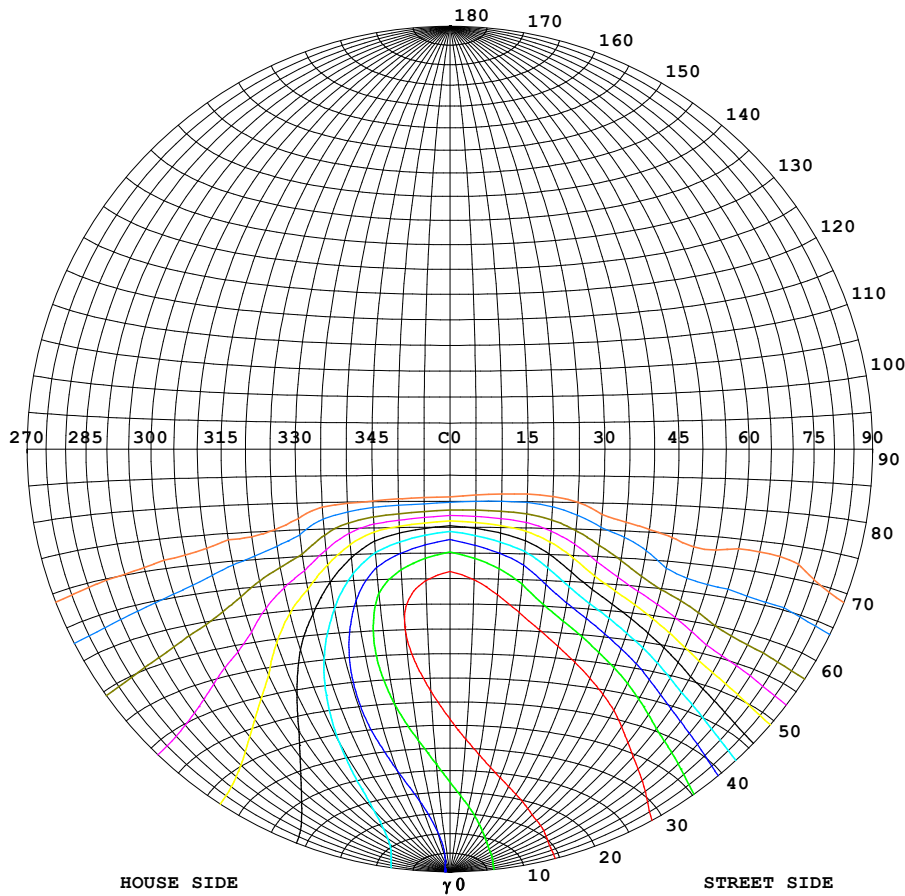
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.470m [K=1.0000]
 Remarks:

Checker: LI
 Note: SLI: Specific Luminaire Index

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:39.42cd/klm
 Max.At90:0cd/klm
 Max.80-90:39.42cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12089
90%	10880
80%	9671
70%	8462
60%	7253
50%	6044
40%	4835
30%	3627
20%	2418
10%	1209
5%	604

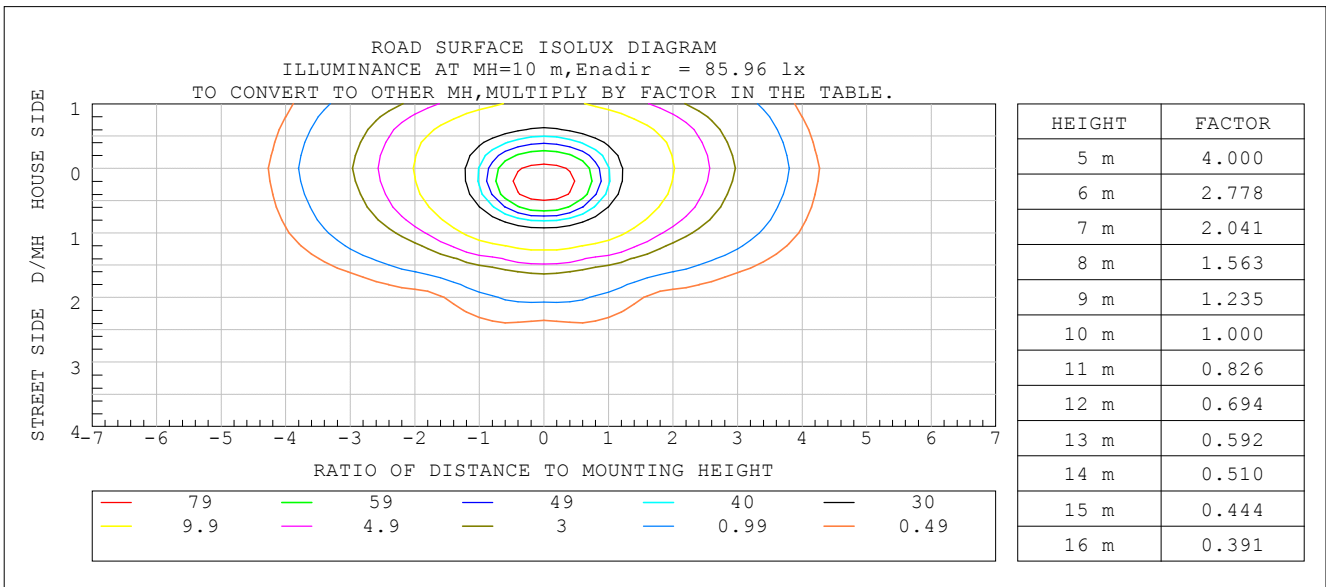
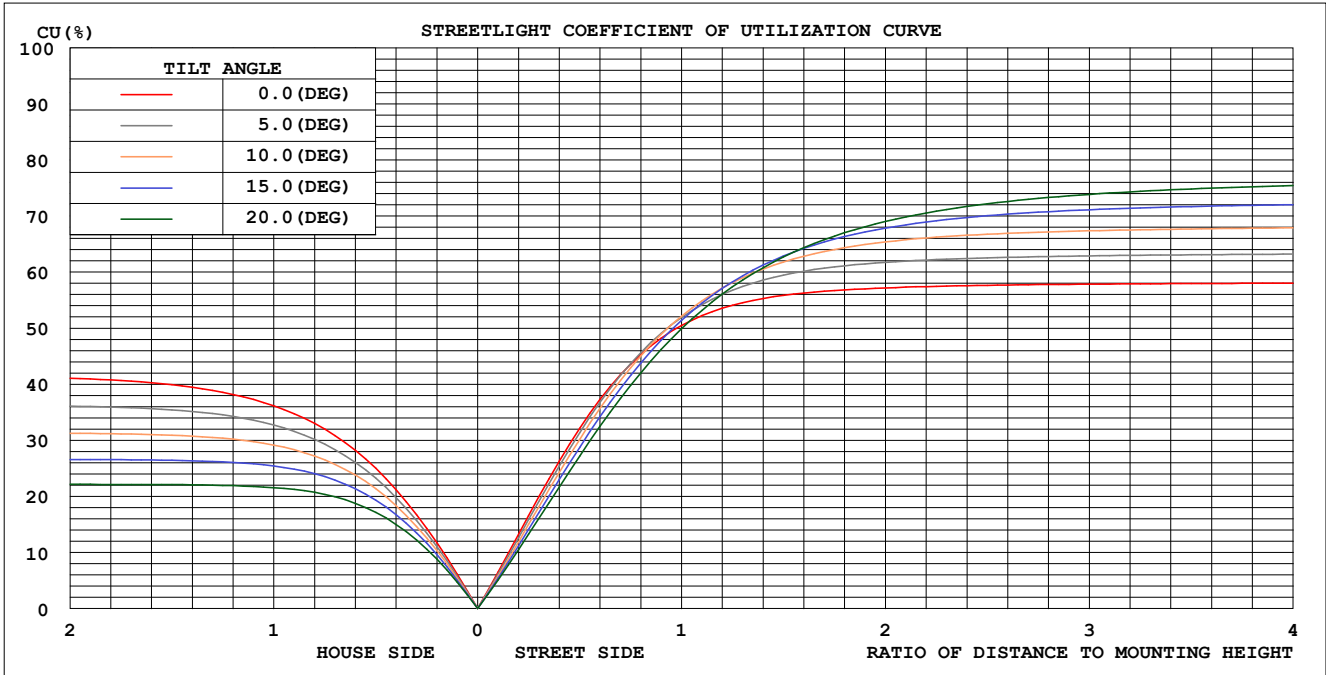
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [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: 2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 9.470m [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	862.2	928.5	951.7	928.5	862.2	792.2	766.6	792.2	0- 5	205.5	205.5	0.66,0.66
10	879.9	994.5	1029	994.5	879.9	747.1	704.7	747.1	5- 10	619.3	824.9	2.67,2.67
15	908.1	1057	1094	1057	908.1	720.1	660.3	720.1	10- 15	1046	1870	6.05,6.05
20	947.0	1113	1132	1113	947.0	700.5	616.5	700.5	15- 20	1483	3354	10.8,10.8
25	990.5	1158	1123	1158	990.5	680.5	568.7	680.5	20- 25	1919	5272	17.1,17.1
30	1034	1181	1068	1181	1034	654.6	515.9	654.6	25- 30	2325	7597	24.6,24.6
35	1077	1165	973.4	1165	1077	620.5	459.7	620.5	30- 35	2671	10268	33.2,33.2
40	1115	1113	824.8	1113	1115	579.0	403.1	579.0	35- 40	2932	13200	42.7,42.7
45	1146	1018	635.0	1018	1146	526.8	348.5	526.8	40- 45	3072	16273	52.6,52.6
50	1169	876.2	457.5	876.2	1169	465.0	292.3	465.0	45- 50	3079	19352	62.6,62.6
55	1180	679.0	294.5	679.0	1180	391.7	232.8	391.7	50- 55	2951	22303	72.2,72.2
60	1169	456.4	178.3	456.4	1169	308.3	160.9	308.3	55- 60	2678	24981	80.8,80.8
65	1116	232.9	106.0	232.9	1116	209.0	93.83	209.0	60- 65	2292	27273	88.2,88.2
70	974.9	100.6	46.67	100.6	974.9	107.0	50.08	107.0	65- 70	1806	29079	94.1,94.1
75	634.9	55.30	14.47	55.30	634.9	51.61	11.98	51.61	70- 75	1218	30298	98,98
80	110.0	27.00	9.839	27.00	110.0	16.86	0.6506	16.86	75- 80	503.6	30801	99.7,99.7
85	7.830	7.112	6.955	7.112	7.830	3.135	0.5172	3.135	80- 85	94.39	30896	100,100
90	0	0	0	0	0	0	0	0	85- 90	13.56	30909	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			

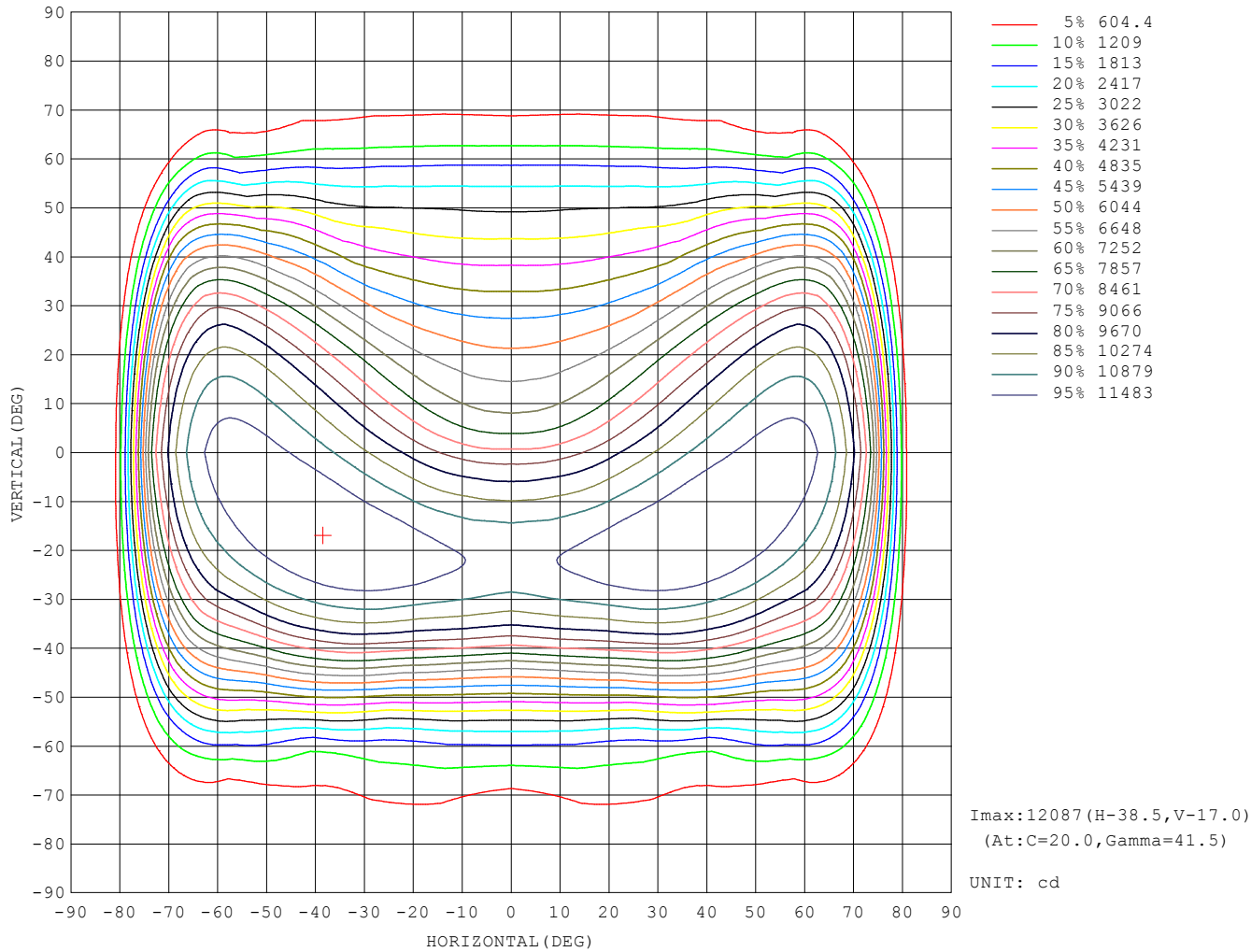
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

ISOCANDELA DIAGRAM



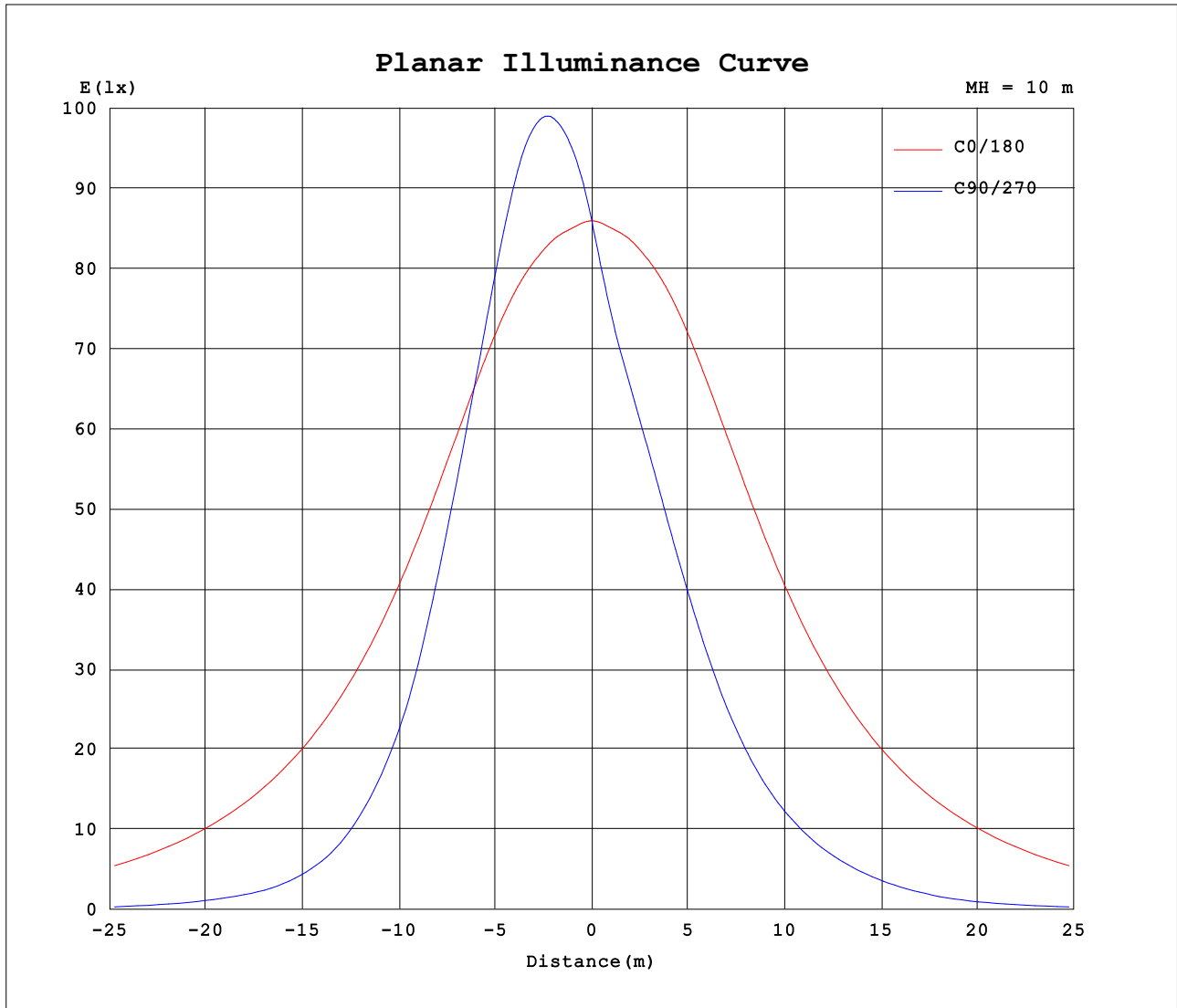
C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [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: 2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.470m [K=1.0000]
 Remarks:

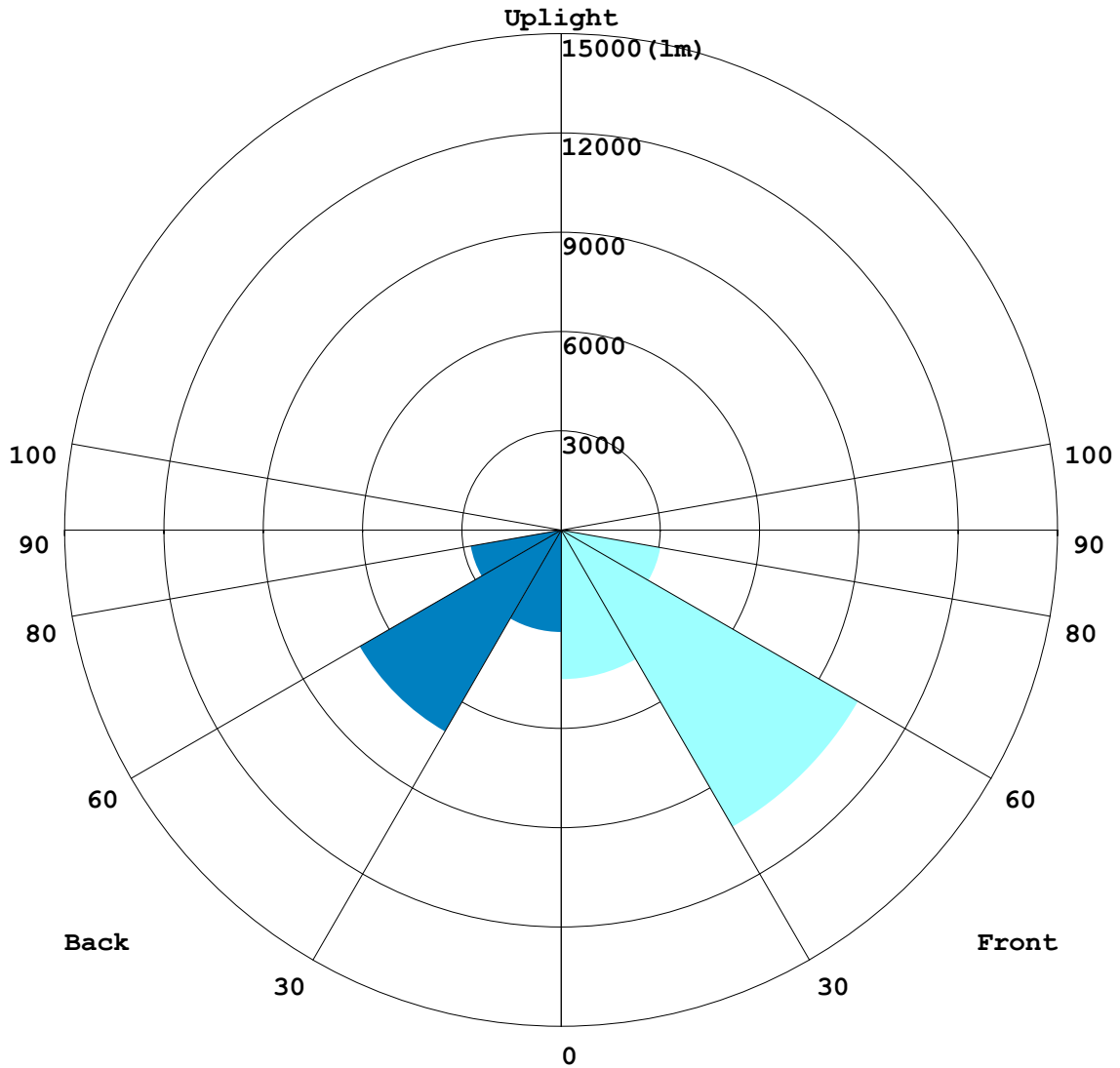
Checker: LI

Assessor:

LCS REPORT

Test:U:230.0V I:1.066A P:241.4W PF:0.9848 Lamp Flux:30909.1x1 lm		
	TYPE:240W	WEIGHT:
	DIM.:	SERIAL No.:
MFR.:	SUR.:0.355*0.28	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

BUG REPORT

Test:U:230.0V I:1.066A P:241.4W PF:0.9848 Lamp Flux:30909.1x1 lm		
	TYPE:240W	WEIGHT:
	DIM.:	SERIAL No.:
MFR.:	SUR.:0.355*0.28	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4513.5	14.6
FM - Front-Medium(30-60)	10354	33.5
FH - Front-High(60-80)	3047.1	9.9
FVH - Front-Very High(80-90)	68.745	0.2
Total Forward Light	17984	58.2

BL - Back-Low(0-30)	3083.3	10.0
BM - Back-Medium(30-60)	7029.7	22.7
BH - Back-High(60-80)	2773.1	9.0
BVH - Back-Very High(80-90)	39.207	0.1
Total Back Light	12925	41.8

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	B4-U0-G4
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12925	0	12925
Street Side	17984	0	17984

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

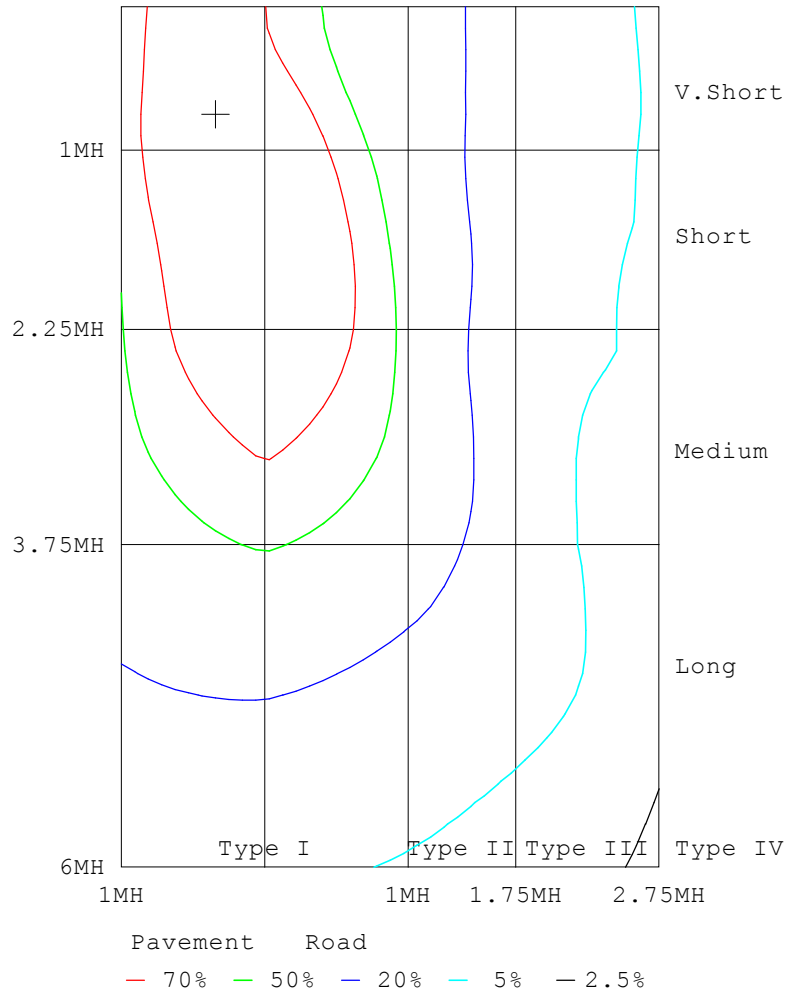
Checker: LI

Assessor:

ROAD ISOCANDELA REPORT

Test:U:230.0V I:1.066A P:241.4W PF:0.9848 Lamp Flux:30909.1x1 lm		
	TYPE:240W	WEIGHT:
	DIM.:	SERIAL No.:
MFR.:	SUR.:0.355*0.28	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [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	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	862	867	871	875	880	884	888	892	896	900	904	907	911	914	917	920	923	926	929
10	880	888	897	905	912	920	927	934	941	947	954	960	965	971	976	981	986	990	994
15	908	919	930	941	951	961	970	979	988	996	1004	1011	1019	1026	1033	1039	1045	1051	1057
20	947	961	974	987	999	1011	1022	1032	1042	1052	1061	1069	1077	1084	1091	1098	1103	1109	1113
25	990	1007	1022	1037	1051	1064	1076	1088	1099	1109	1118	1126	1134	1140	1145	1150	1153	1156	1158
30	1034	1052	1069	1085	1100	1114	1127	1138	1149	1158	1166	1173	1178	1182	1185	1186	1185	1184	1181
35	1077	1097	1115	1131	1146	1159	1170	1180	1188	1194	1199	1201	1202	1200	1196	1191	1184	1175	1165
40	1115	1135	1153	1168	1181	1191	1199	1205	1208	1208	1207	1203	1196	1187	1176	1163	1148	1131	1113
45	1146	1164	1179	1190	1199	1204	1207	1206	1201	1194	1184	1172	1157	1139	1118	1096	1072	1046	1018
50	1169	1181	1190	1195	1197	1195	1189	1179	1165	1148	1128	1105	1079	1050	1019	986	951	914	876
55	1180	1184	1184	1180	1172	1160	1143	1121	1094	1064	1031	995	955	913	868	822	774	727	679
60	1169	1164	1154	1138	1118	1092	1061	1021	977	929	878	825	771	717	663	609	557	505	456
65	1116	1103	1083	1058	1026	987	943	884	820	752	683	613	544	483	425	370	319	273	233
70	975	951	922	887	846	800	749	681	609	535	462	391	323	272	226	186	152	123	101
75	635	609	581	549	515	478	438	386	332	279	227	179	135	110	90.8	76.4	66.2	59.3	55.3
80	110	116	120	122	121	118	113	102	88.5	74.5	60.4	46.8	34.5	30.0	27.3	25.9	25.6	26.1	27.0
85	7.83	8.75	9.51	10.1	10.5	10.8	10.9	10.6	10.2	9.73	9.18	8.61	8.06	7.79	7.57	7.39	7.26	7.17	7.11
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: 2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: ×10cd

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	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	931	933	935	937	939	941	942	944	945	947	948	949	950	950	951	951	951	952	951
10	998	1002	1005	1008	1010	1013	1016	1018	1020	1022	1024	1026	1027	1027	1028	1028	1029	1029	1029
15	1061	1065	1069	1073	1076	1079	1082	1084	1087	1089	1091	1093	1094	1094	1095	1095	1095	1094	1095
20	1117	1120	1123	1125	1127	1128	1130	1132	1133	1134	1135	1136	1135	1135	1134	1133	1132	1132	1132
25	1159	1159	1158	1157	1156	1154	1152	1149	1147	1144	1141	1138	1135	1132	1129	1126	1124	1123	1124
30	1176	1170	1163	1155	1147	1139	1131	1124	1116	1109	1102	1096	1089	1083	1078	1073	1070	1068	1070
35	1152	1139	1125	1110	1095	1080	1067	1055	1043	1032	1021	1011	1002	994	986	980	976	973	976
40	1092	1070	1047	1024	1001	979	959	941	924	907	892	879	865	853	843	834	828	825	828
45	987	956	924	891	860	829	801	775	750	728	707	688	673	660	650	642	637	635	637
50	834	791	749	708	668	631	603	577	555	535	517	503	489	478	470	463	459	457	459
55	631	585	540	498	460	425	400	379	362	348	337	327	318	310	303	299	296	295	296
60	412	370	332	298	267	241	225	213	204	198	194	191	187	184	181	179	179	178	179
65	206	184	167	154	145	138	133	129	127	126	125	125	121	117	114	111	108	106	108
70	89.2	82.5	79.8	80.0	82.3	85.7	84.4	83.1	81.8	80.3	78.4	76.1	70.7	65.0	59.4	54.3	49.9	46.7	49.9
75	51.3	49.0	48.2	48.4	49.3	50.5	50.6	50.5	50.2	49.5	48.3	46.5	40.8	34.7	28.7	23.0	18.1	14.5	18.1
80	26.5	26.2	26.0	25.8	25.6	25.4	25.0	24.5	24.0	23.2	22.3	21.3	19.1	16.9	14.8	12.8	11.1	9.84	11.1
85	7.15	7.21	7.27	7.33	7.36	7.36	7.10	6.82	6.53	6.25	6.00	5.81	5.96	6.16	6.38	6.61	6.81	6.95	6.81
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:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: $\times 10\text{cd}$

C (DEG) \ \gamma (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	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	951	951	950	950	949	948	947	945	944	942	941	939	937	935	933	931	929	926	923
10	1028	1028	1027	1027	1026	1024	1022	1020	1018	1016	1013	1010	1008	1005	1002	998	994	990	986
15	1095	1095	1094	1094	1093	1091	1089	1087	1084	1082	1079	1076	1073	1069	1065	1061	1057	1051	1045
20	1133	1134	1135	1135	1136	1135	1134	1133	1132	1130	1128	1127	1125	1123	1120	1117	1113	1109	1103
25	1126	1129	1132	1135	1138	1141	1144	1147	1149	1152	1154	1156	1157	1158	1159	1159	1158	1156	1153
30	1073	1078	1083	1089	1096	1102	1109	1116	1124	1131	1139	1147	1155	1163	1170	1176	1181	1184	1185
35	980	986	994	1002	1011	1021	1032	1043	1055	1067	1080	1095	1110	1125	1139	1152	1165	1175	1184
40	834	843	853	865	879	892	907	924	941	959	979	1001	1024	1047	1070	1092	1113	1131	1148
45	642	650	660	673	688	707	728	750	775	801	829	860	891	924	956	987	1018	1046	1072
50	463	470	478	489	503	517	535	555	577	603	631	668	708	749	791	834	876	914	951
55	299	303	310	318	327	337	348	362	379	400	425	460	498	540	585	631	679	727	774
60	179	181	184	187	191	194	198	204	213	225	241	267	298	332	370	412	456	505	557
65	111	114	117	121	125	125	126	127	129	133	138	145	154	167	184	206	233	273	319
70	54.3	59.4	65.0	70.7	76.1	78.4	80.3	81.8	83.1	84.4	85.7	82.3	80.0	79.8	82.5	89.2	101	123	152
75	23.0	28.7	34.7	40.8	46.5	48.3	49.5	50.2	50.5	50.6	50.5	49.3	48.4	48.2	49.0	51.3	55.3	59.3	66.2
80	12.8	14.8	16.9	19.1	21.3	22.3	23.2	24.0	24.5	25.0	25.4	25.6	25.8	26.0	26.2	26.5	27.0	26.1	25.6
85	6.61	6.38	6.16	5.96	5.81	6.00	6.25	6.53	6.82	7.10	7.36	7.36	7.33	7.27	7.21	7.15	7.11	7.17	7.26
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:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:
 Assessor:

Checker: LI

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: x10cd

Table with 20 columns (C (DEG) and 19 values) and 20 rows (gamma (DEG) from 0 to 90). Values represent luminous intensity data.

C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-05-31

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.470m [K=1.0000]
Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: x10cd

C (DEG) \ y (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	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	844	839	835	831	827	822	819	815	811	808	804	801	798	795	792	789	787	784	782
10	845	836	828	820	812	804	796	789	782	775	769	763	758	752	747	742	738	733	729
15	859	847	836	824	812	801	790	779	769	760	751	743	735	727	720	713	707	701	695
20	886	870	855	839	824	809	794	780	766	754	742	731	720	710	701	691	683	675	668
25	919	900	882	862	843	824	805	787	770	753	737	722	708	694	681	668	657	646	636
30	954	932	910	887	864	841	818	796	774	752	731	711	691	672	655	638	623	610	597
35	990	966	941	914	887	859	831	804	776	748	721	694	668	644	620	600	582	565	550
40	1023	997	968	937	905	872	839	805	771	737	703	670	638	607	579	556	535	516	499
45	1052	1023	991	955	917	878	838	797	757	715	674	634	596	560	527	501	478	458	441
50	1076	1043	1008	965	920	872	824	775	726	678	631	585	542	502	465	438	416	396	380
55	1088	1052	1012	960	905	847	788	729	671	617	566	517	471	429	392	365	343	325	311
60	1078	1038	992	929	861	791	719	649	580	524	472	425	381	342	308	283	263	246	233
65	1013	968	915	841	762	680	598	518	443	390	343	302	266	235	209	188	170	156	145
70	844	793	736	657	574	490	407	329	257	215	181	155	134	118	107	95.6	86.9	80.6	76.1
75	508	467	423	365	306	248	192	141	96.2	76.1	62.7	54.7	50.9	50.3	51.6	47.4	43.9	41.0	38.5
80	77.6	70.3	63.5	57.1	51.1	45.6	40.5	36.0	31.9	28.5	25.5	22.8	20.6	18.6	16.9	15.3	14.0	12.8	11.8
85	9.04	9.04	8.92	8.53	8.04	7.47	6.86	6.23	5.59	5.13	4.69	4.27	3.88	3.50	3.13	2.76	2.41	2.08	1.78
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	γ Range: 0 - 90DEG
C Interval: 2.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Temperature: 25.3DEG	Humidity: 65.0%
Operators:	Test Distance: 9.470m [K=1.0000]
Test Date: 2019-05-31	Remarks:
Checker: LI	Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--6

UNIT: x10cd

C (DEG) γ (DEG)	237.5	240	242.5	245	247.5	250	252.5	255	257.5	260	262.5	265	267.5	270	272.5	275	277.5	280	282.5
0	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	780	778	776	774	773	772	771	770	769	768	767	767	767	767	767	767	767	768	769
10	726	722	719	717	715	713	711	710	708	707	706	705	705	705	705	705	706	707	708
15	690	685	681	678	675	672	669	667	665	664	662	661	661	660	661	661	662	664	665
20	661	654	648	643	638	633	629	626	623	621	619	617	617	616	617	617	619	621	623
25	627	618	610	603	596	590	585	581	577	574	571	570	569	569	569	570	571	574	577
30	585	574	564	555	547	539	533	528	524	520	518	516	516	516	516	516	518	520	524
35	535	523	511	501	493	485	478	473	468	465	462	460	460	460	460	460	462	465	468
40	483	470	457	446	437	428	421	416	411	407	405	403	403	403	403	403	405	407	411
45	426	412	400	389	380	372	365	360	356	352	350	349	348	348	348	349	350	352	356
50	366	355	343	334	326	319	313	308	303	299	296	294	293	292	293	294	296	299	303
55	299	289	278	270	262	256	251	246	242	239	236	234	233	233	233	234	236	239	242
60	222	214	204	196	189	183	178	174	170	167	164	162	161	161	161	162	164	167	170
65	136	129	122	116	111	107	104	102	99.3	97.3	95.7	94.6	94.0	93.8	94.0	94.6	95.7	97.3	99.3
70	73.2	71.3	68.1	65.4	63.2	61.3	59.7	58.4	56.4	54.6	53.0	51.7	50.7	50.1	50.7	51.7	53.0	54.6	56.4
75	36.3	34.3	32.0	29.7	27.5	25.5	23.5	21.7	19.4	17.3	15.4	13.8	12.7	12.0	12.7	13.8	15.4	17.3	19.4
80	10.8	9.83	8.50	7.20	5.94	4.75	3.65	2.67	2.00	1.47	1.07	0.81	0.67	0.65	0.67	0.81	1.07	1.47	2.00
85	1.50	1.26	1.08	0.94	0.83	0.73	0.67	0.61	0.57	0.54	0.52	0.51	0.51	0.52	0.51	0.51	0.52	0.54	0.57
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:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: x10cd

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	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860	860
5	770	771	772	773	774	776	778	780	782	784	787	789	792	795	798	801	804	808	811	
10	710	711	713	715	717	719	722	726	729	733	738	742	747	752	758	763	769	775	782	
15	667	669	672	675	678	681	685	690	695	701	707	713	720	727	735	743	751	760	769	
20	626	629	633	638	643	648	654	661	668	675	683	691	701	710	720	731	742	754	766	
25	581	585	590	596	603	610	618	627	636	646	657	668	681	694	708	722	737	753	770	
30	528	533	539	547	555	564	574	585	597	610	623	638	655	672	691	711	731	752	774	
35	473	478	485	493	501	511	523	535	550	565	582	600	620	644	668	694	721	748	776	
40	416	421	428	437	446	457	470	483	499	516	535	556	579	607	638	670	703	737	771	
45	360	365	372	380	389	400	412	426	441	458	478	501	527	560	596	634	674	715	757	
50	308	313	319	326	334	343	355	366	380	396	416	438	465	502	542	585	631	678	726	
55	246	251	256	262	270	278	289	299	311	325	343	365	392	429	471	517	566	617	671	
60	174	178	183	189	196	204	214	222	233	246	263	283	308	342	381	425	472	524	580	
65	102	104	107	111	116	122	129	136	145	156	170	188	209	235	266	302	343	390	443	
70	58.4	59.7	61.3	63.2	65.4	68.1	71.3	73.2	76.1	80.6	86.9	95.6	107	118	134	155	181	215	257	
75	21.7	23.5	25.5	27.5	29.7	32.0	34.3	36.3	38.5	41.0	43.9	47.4	51.6	50.3	50.9	54.7	62.7	76.1	96.2	
80	2.67	3.65	4.75	5.94	7.20	8.50	9.83	10.8	11.8	12.8	14.0	15.3	16.9	18.6	20.6	22.8	25.5	28.5	31.9	
85	0.61	0.67	0.73	0.83	0.94	1.08	1.26	1.50	1.78	2.08	2.41	2.76	3.13	3.50	3.88	4.27	4.69	5.13	5.59	
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	0.00

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--8

UNIT: x10cd

C (DEG) γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5												
0	860	860	860	860	860	860	860	860	860	860	860												
5	815	819	822	827	831	835	839	844	848	853	858												
10	789	796	804	812	820	828	836	845	854	862	871												
15	779	790	801	812	824	836	847	859	872	884	896												
20	780	794	809	824	839	855	870	886	901	916	932												
25	787	805	824	843	862	882	900	919	937	955	973												
30	796	818	841	864	887	910	932	954	975	995	1015												
35	804	831	859	887	914	941	966	990	1013	1036	1057												
40	805	839	872	905	937	968	997	1023	1049	1073	1095												
45	797	838	878	917	955	991	1023	1052	1079	1104	1126												
50	775	824	872	920	965	1008	1043	1076	1104	1129	1151												
55	729	788	847	905	960	1012	1052	1088	1118	1144	1164												
60	649	719	791	861	929	992	1038	1078	1111	1137	1157												
65	518	598	680	762	841	915	968	1013	1050	1080	1102												
70	329	407	490	574	657	736	793	844	887	923	953												
75	141	192	248	306	365	423	467	508	545	578	608												
80	36.0	40.5	45.6	51.1	57.1	63.5	70.3	77.6	85.2	93.2	101												
85	6.23	6.86	7.47	8.04	8.53	8.92	9.04	9.04	8.91	8.67	8.31												
90	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:2019-05-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:9.470m [K=1.0000]
 Remarks:

Checker: LI

Assessor: