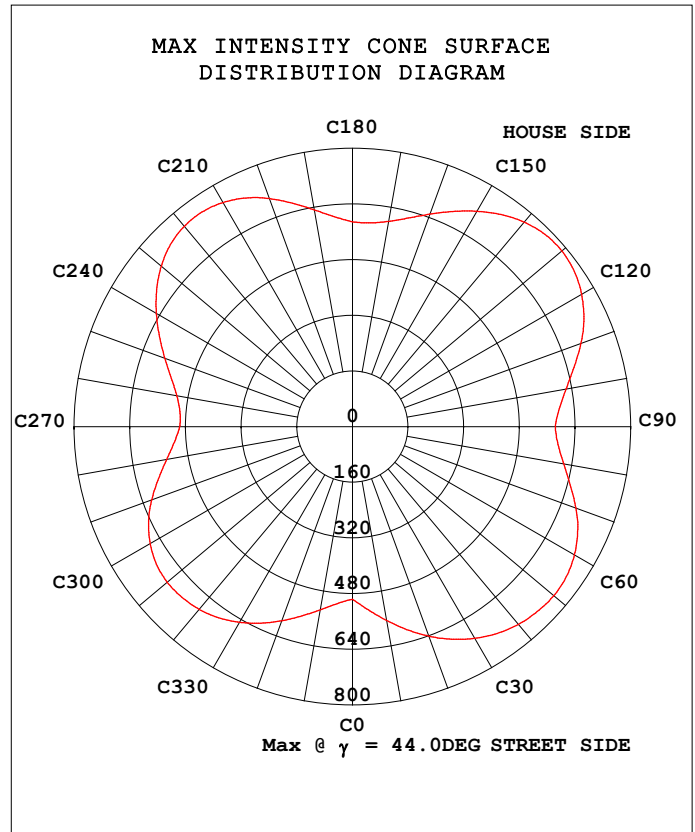
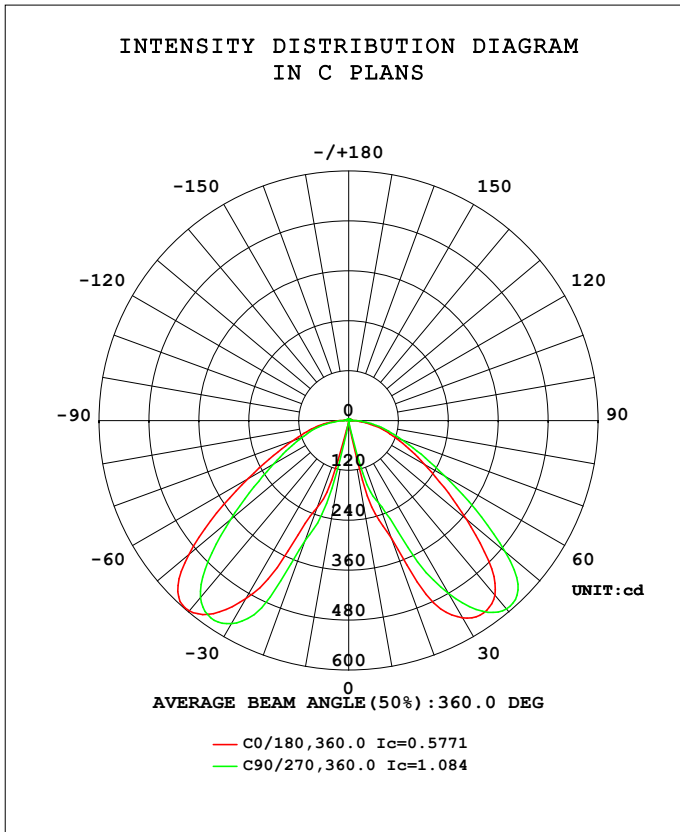


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.28 lm/W			
MODEL		I _{max} (cd)	782.0	η street_up (%)	1.0
NOMINAL POWER (W)		LOR (%)	100.0	η street_down (%)	53.1
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1982	η house_up (%)	0.8
NOMINAL FLUX (lm)	1981.8	MAXIMUM @ (C, γ)	135,44.0	η house_down (%)	45.1
LAMPS INSIDE	1	η up (%)	1.8	76 FLASHAREA (m ²)	
TEST VOLTAGE (V)		η down (%)	98.2	SLI	

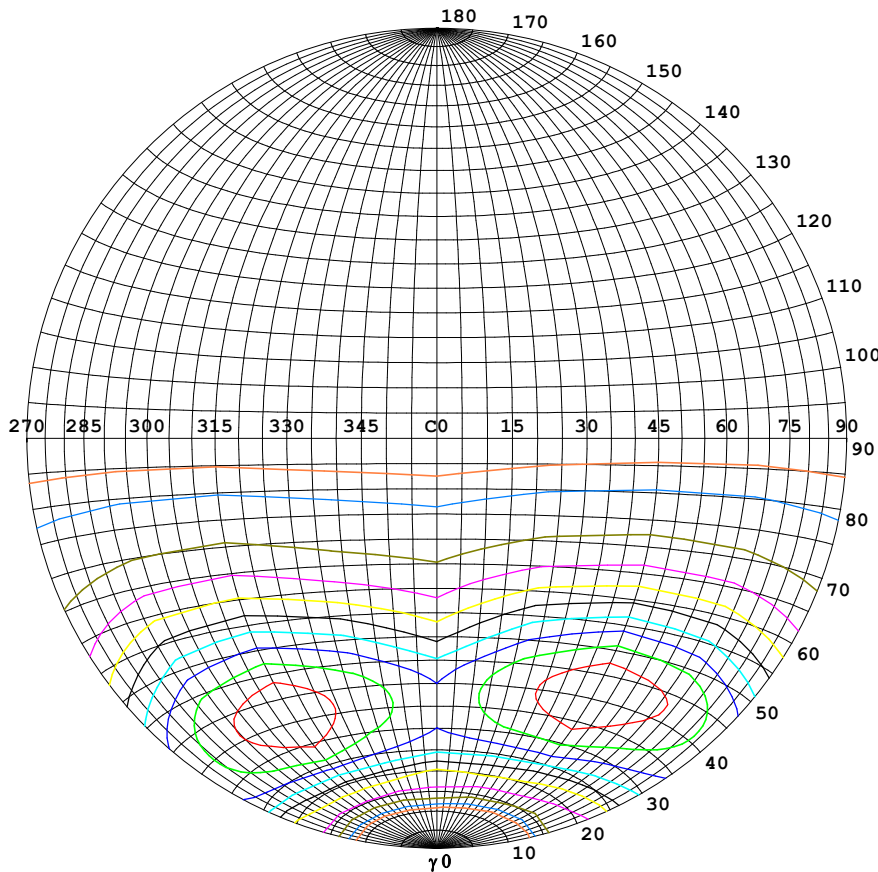


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:204-03-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:



Classification:

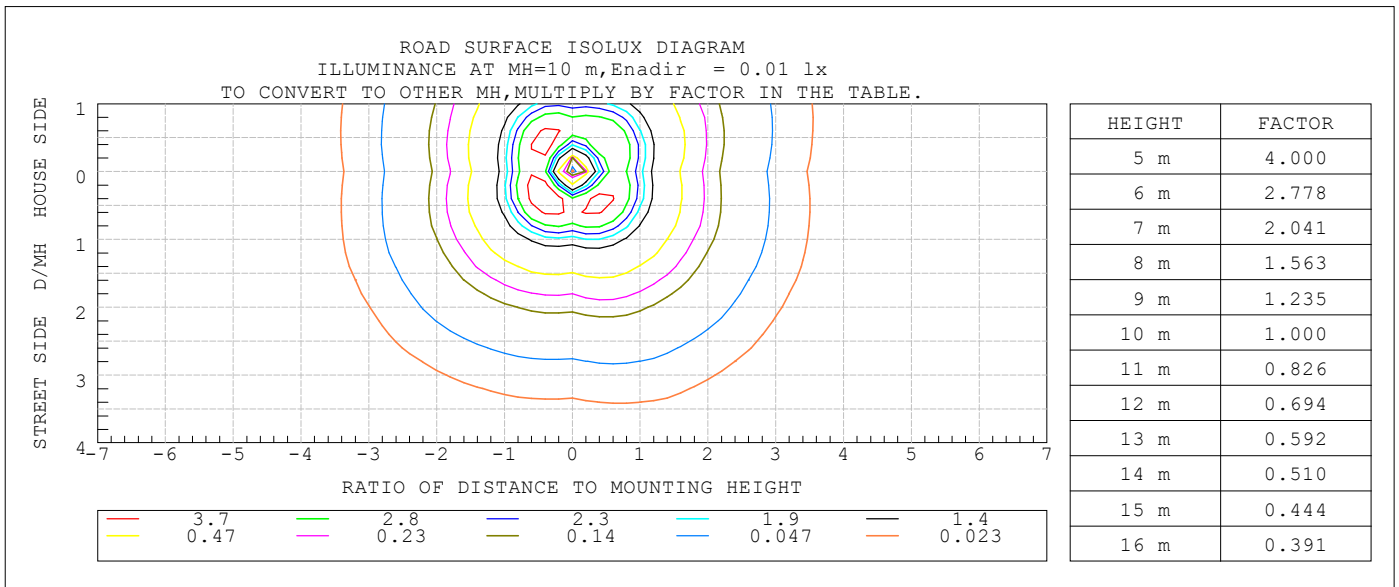
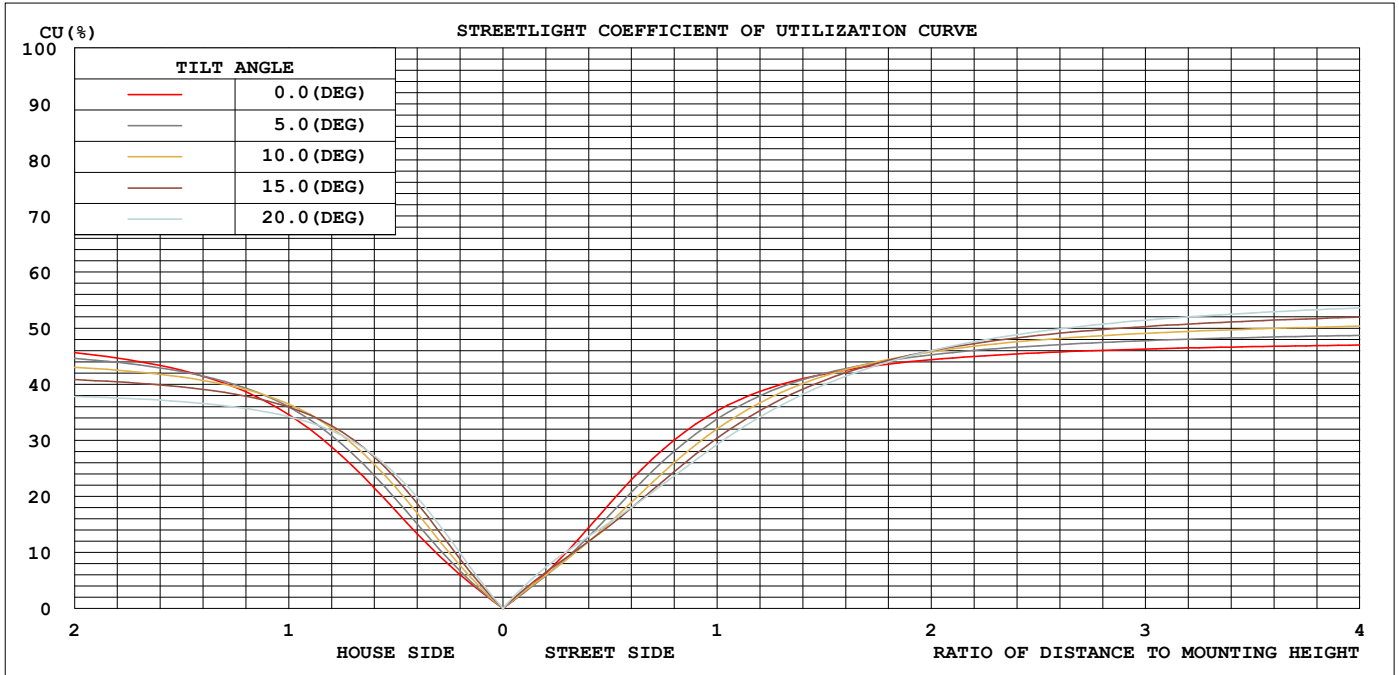
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:52.05cd/klm
 Max.At90:13.38cd/klm
 Max.80-90:52.05cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	782
— 90%	704
— 80%	626
— 70%	547
— 60%	469
— 50%	391
— 40%	313
— 30%	235
— 20%	156
— 10%	78
— 5%	39

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 204-03-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

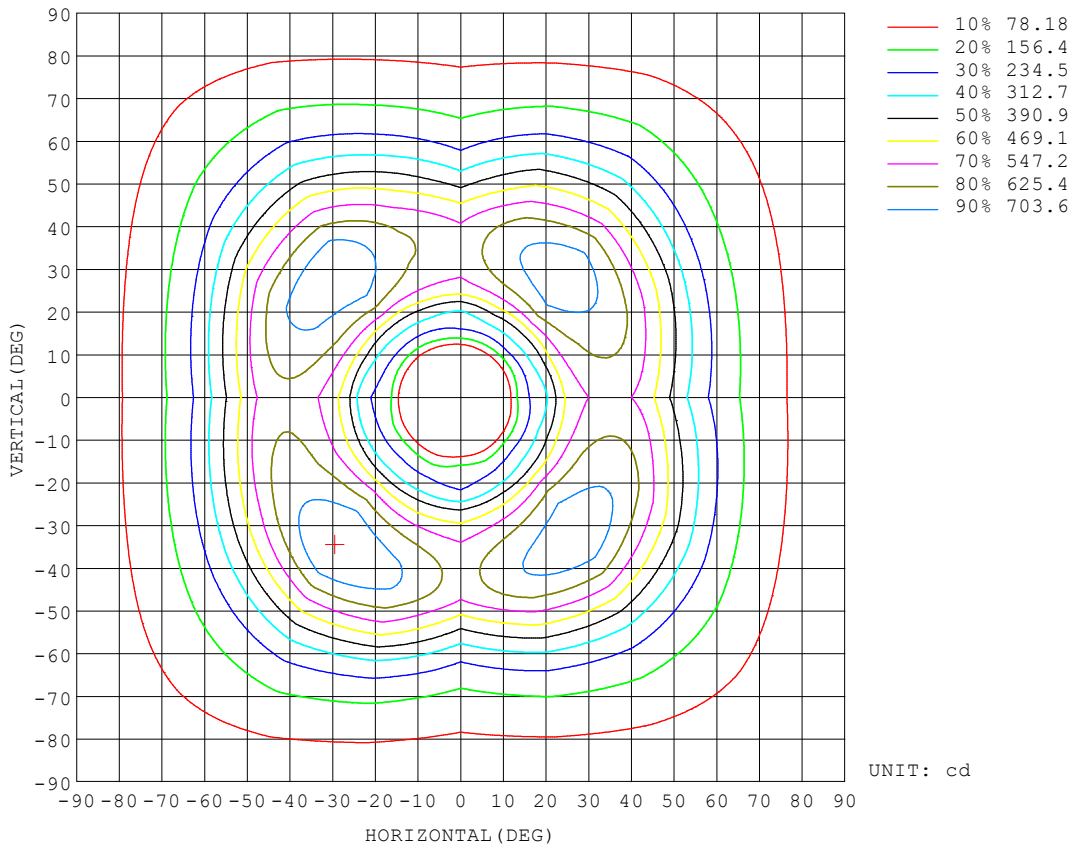
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	23.85	14.84	9.380	6.465	6.411	8.204	17.86	23.68	0- 10	0.4363	0.4363	0.4363
20	301.4	301.1	211.7	238.0	222.2	300.7	305.7	370.6	10- 20	46.57	47.01	47.01
30	547.4	636.1	479.4	561.9	493.6	662.6	563.2	716.3	20- 30	209.5	256.5	256.5
40	547.1	763.8	590.9	765.8	596.9	764.4	554.3	745.9	30- 40	405.4	661.9	661.9
50	369.6	649.2	491.3	727.1	502.8	624.8	372.3	560.1	40- 50	486.7	1149	1149
60	211.2	374.9	266.1	447.9	278.3	380.2	207.4	319.0	50- 60	389.6	1538	1538
70	118.4	184.0	137.9	220.8	144.6	197.1	120.1	164.4	60- 70	232.9	1771	1771
80	54.20	83.08	67.82	103.2	73.44	94.19	61.08	74.58	70- 80	125.9	1897	1897
90	13.50	18.43	17.73	26.51	20.66	23.57	15.87	16.84	80- 90	48.30	1945	1945
100	6.528	7.113	6.321	7.411	6.832	7.650	7.116	7.430	90-100	11.95	1957	1957
110	5.305	5.790	4.760	5.758	5.039	6.133	5.580	6.089	100-110	6.496	1964	1964
120	4.960	5.193	4.479	5.097	4.647	5.496	5.152	5.448	110-120	5.232	1969	1969
130	4.572	4.788	4.299	4.728	4.511	5.111	4.723	4.939	120-130	4.393	1973	1973
140	3.991	4.155	3.859	4.155	4.222	4.486	4.146	4.226	130-140	3.440	1977	1977
150	3.326	3.478	3.322	3.518	3.693	3.753	3.477	3.561	140-150	2.415	1979	1979
160	2.769	3.053	2.793	3.085	3.044	3.285	3.016	3.144	150-160	1.506	1981	1981
170	2.600	2.508	2.528	2.624	2.776	2.836	2.744	2.712	160-170	0.8110	1982	1982
180	2.171	2.248	2.316	2.384	2.183	2.276	2.372	2.376	170-180	0.2386	1982	1982
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

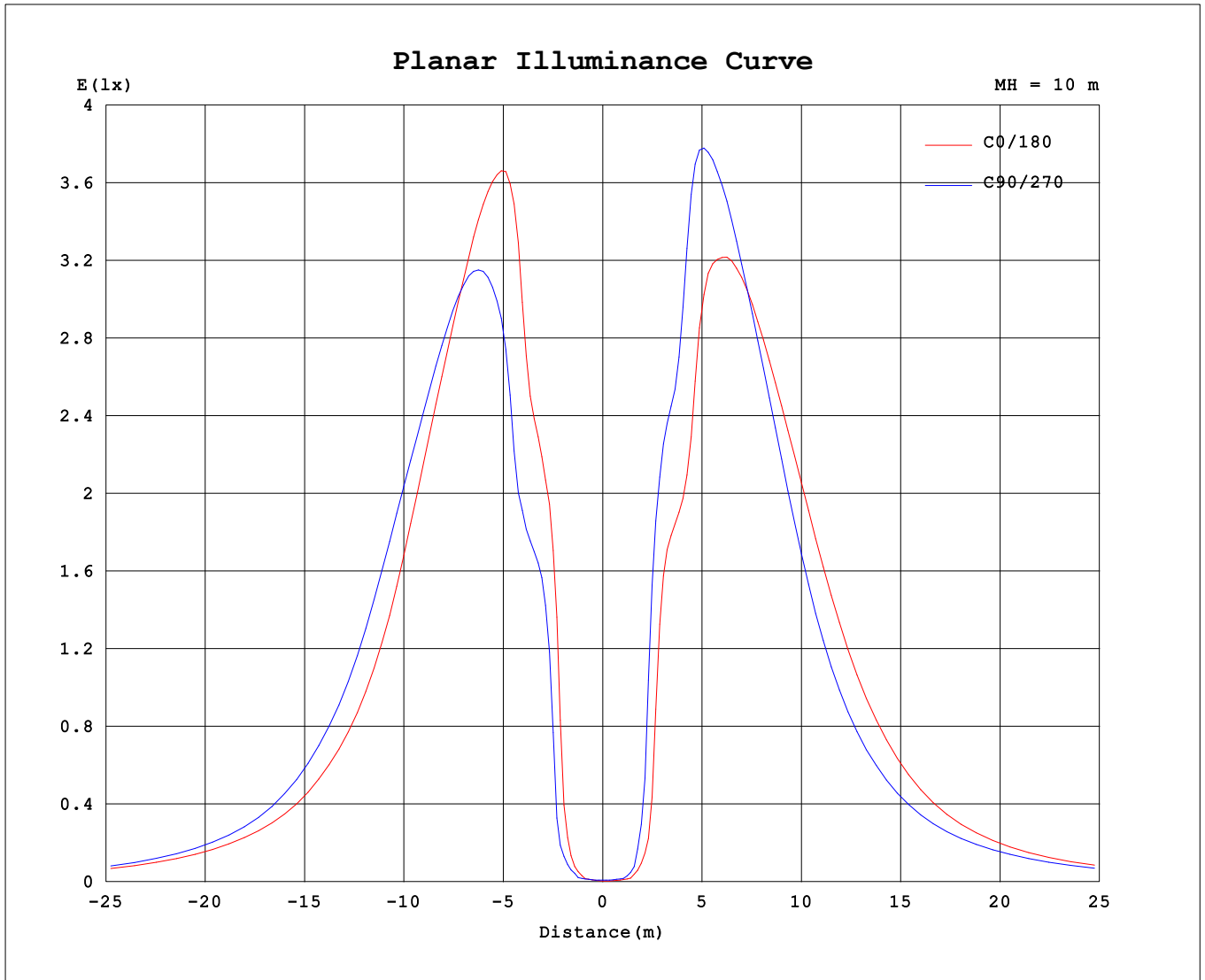
Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



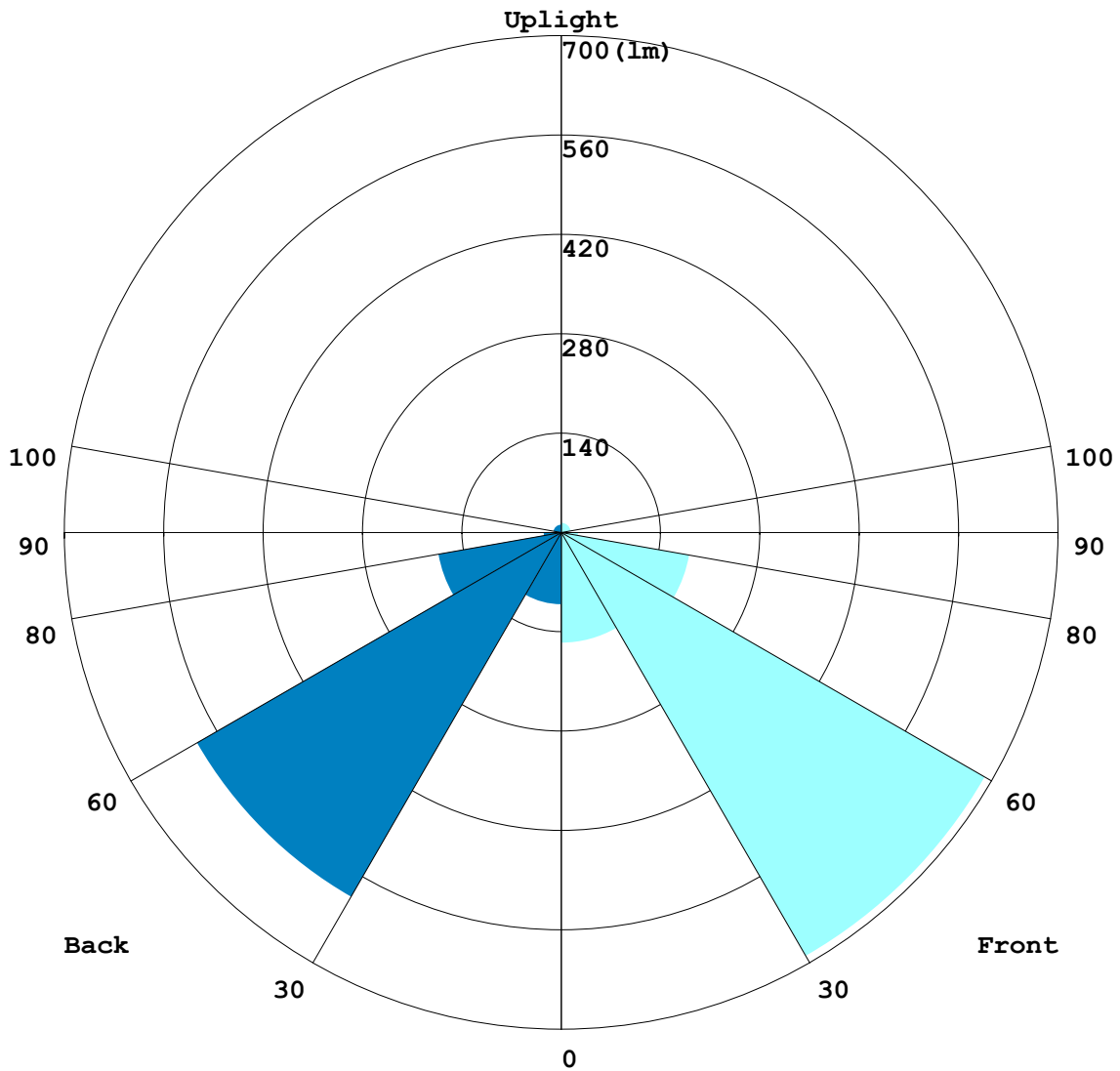
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 204-03-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LCS REPORT

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	155.43	7.8
FM - Front-Medium(30-60)	689.01	34.8
FH - Front-High(60-80)	183.35	9.3
FVH - Front-Very High(80-90)	23.774	1.2
Total Forward Light	1071.3	54.1

BL - Back-Low(0-30)	101.05	5.1
BM - Back-Medium(30-60)	592.7	29.9
BH - Back-High(60-80)	175.48	8.9
BVH - Back-Very High(80-90)	24.528	1.2
Total Back Light	910.45	45.9

UL - Uplight-Low(90-100)	11.951	0.6
UH - Uplight-High(100-180)	24.533	1.2
Total Up Light	36.483	1.8

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	893.75	16.695	910.45
Street Side	1051.6	19.788	1071.3

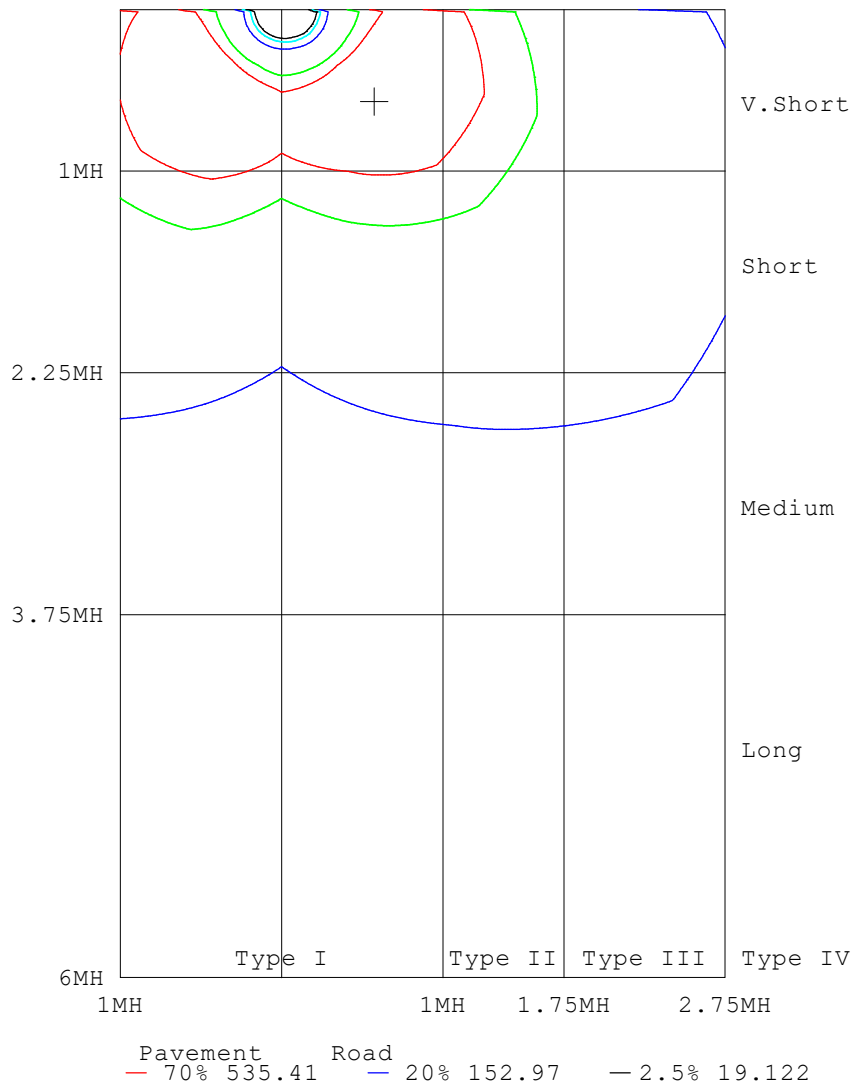
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:204-03-05

— 50% 382.43 — 5% 38.243

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.78V I:0.1542A P:18.302W PF:0.9906 Freq:59.98Hz Lamp Flux:1981.8x1 lm		
NAME: 19W 4K G6 草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	0.58	0.61	0.75	0.90	0.90	0.75	0.59	0.49	0.58	0.61	0.75	0.90	0.90	0.75	0.59	0.49			
5	1.74	1.63	1.73	1.69	1.54	1.31	1.09	0.97	1.03	1.16	1.36	1.53	1.54	1.66	1.63	1.68			
10	23.8	17.8	14.8	11.1	9.38	7.21	6.47	5.98	6.41	7.27	8.20	13.6	17.9	21.9	23.7	25.3			
15	216	182	171	129	131	96.7	92.8	87.6	98.7	119	143	178	206	213	224	210			
20	301	322	301	255	212	230	238	229	222	269	301	316	306	363	371	355			
25	483	487	475	411	337	356	367	356	346	434	488	502	497	548	591	541			
30	547	606	636	554	479	508	562	511	494	590	663	597	563	660	716	625			
35	565	666	730	651	559	625	695	606	566	682	747	634	579	697	759	666			
40	547	682	764	700	591	697	766	658	597	718	764	632	554	684	746	658			
45	476	645	742	694	576	717	781	663	581	705	728	577	478	612	675	592			
50	370	548	649	608	491	659	727	599	503	622	625	485	372	507	560	489			
55	281	438	516	480	372	543	595	487	388	505	504	389	278	402	438	374			
60	211	326	375	352	266	403	448	369	278	376	380	289	207	296	319	266			
65	159	232	263	248	193	280	317	264	200	266	276	213	159	213	229	191			
70	118	165	184	174	138	194	221	186	145	187	197	156	120	153	164	138			
75	87.1	118	129	123	99.8	135	154	133	105	132	141	114	90.9	112	118	99.9			
80	54.2	74.6	83.1	80.9	67.8	91.9	103	92.4	73.4	89.7	94.2	77.5	61.1	70.9	74.6	63.7			
85	27.2	37.7	42.6	42.4	36.2	50.5	56.9	51.8	40.8	49.1	50.7	41.1	31.4	36.3	37.8	32.0			
90	13.5	16.4	18.4	19.1	17.7	23.5	26.5	24.9	20.7	23.2	23.6	19.2	15.9	16.6	16.8	14.5			
95	8.01	8.73	9.53	9.38	9.30	10.8	12.1	11.5	10.7	11.1	11.5	10.00	9.35	9.28	9.39	8.32			
100	6.53	6.77	7.11	6.40	6.32	6.68	7.41	7.04	6.83	6.95	7.65	7.20	7.12	7.15	7.43	6.72			
105	5.75	6.00	6.34	5.59	5.30	5.76	6.46	5.99	5.67	6.04	6.78	6.34	6.15	6.33	6.65	6.00			
110	5.31	5.56	5.79	5.19	4.76	5.26	5.76	5.44	5.04	5.57	6.13	5.89	5.58	5.84	6.09	5.63			
115	5.10	5.31	5.43	4.92	4.54	4.92	5.35	5.08	4.75	5.28	5.75	5.61	5.32	5.52	5.72	5.39			
120	4.96	5.10	5.19	4.78	4.48	4.74	5.10	4.91	4.65	5.10	5.50	5.41	5.15	5.32	5.45	5.19			
125	4.80	4.89	5.00	4.67	4.42	4.59	4.91	4.77	4.60	4.96	5.30	5.20	4.97	5.12	5.21	4.98			
130	4.57	4.63	4.79	4.52	4.30	4.41	4.73	4.61	4.51	4.81	5.11	4.91	4.72	4.88	4.94	4.74			
135	4.24	4.34	4.51	4.33	4.07	4.17	4.48	4.42	4.35	4.64	4.84	4.59	4.40	4.59	4.60	4.45			
140	3.99	4.00	4.16	4.07	3.86	3.88	4.16	4.18	4.22	4.44	4.49	4.26	4.15	4.26	4.23	4.12			
145	3.70	3.65	3.79	3.76	3.63	3.57	3.82	3.89	4.02	4.17	4.09	3.92	3.85	3.88	3.85	3.79			
150	3.33	3.29	3.48	3.40	3.32	3.26	3.52	3.55	3.69	3.83	3.75	3.58	3.48	3.53	3.56	3.47			
155	2.97	3.01	3.25	3.02	3.02	3.03	3.30	3.24	3.29	3.49	3.51	3.38	3.21	3.31	3.34	3.23			
160	2.77	2.87	3.05	2.82	2.79	2.88	3.09	3.01	3.04	3.23	3.28	3.22	3.02	3.10	3.14	3.08			
165	2.67	2.75	2.79	2.64	2.62	2.70	2.79	2.67	2.88	3.03	3.08	3.07	2.91	2.92	2.94	2.96			
170	2.60	2.44	2.51	2.47	2.53	2.56	2.62	2.56	2.78	2.84	2.84	2.87	2.74	2.70	2.71	2.81			
175	2.25	2.26	2.30	2.25	2.30	2.32	2.40	2.36	2.33	2.52	2.58	2.62	2.52	2.44	2.47	2.59			
180	2.17	2.17	2.25	2.41	2.32	2.32	2.38	2.44	2.18	2.17	2.28	2.39	2.37	2.30	2.38	2.43			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:204-03-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks: