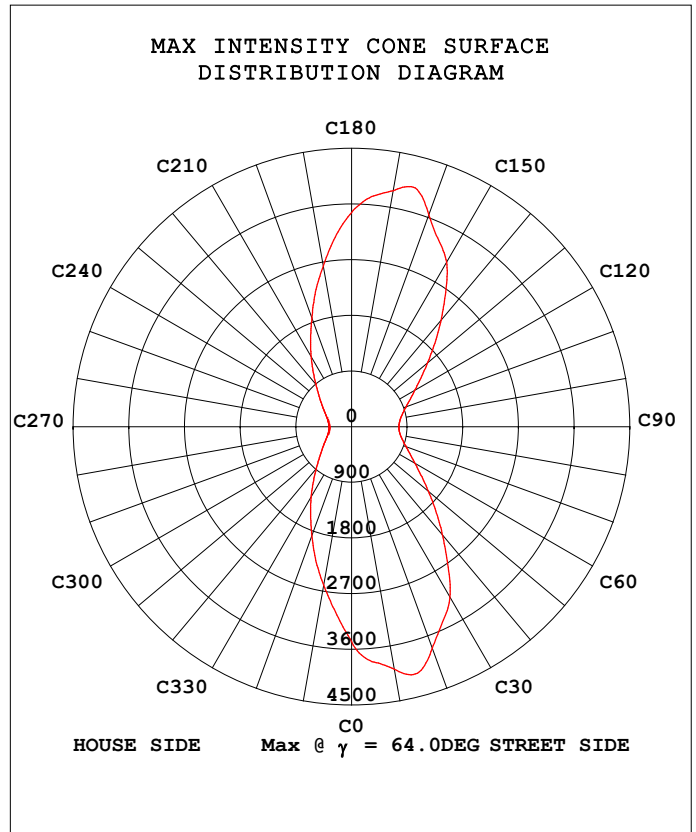
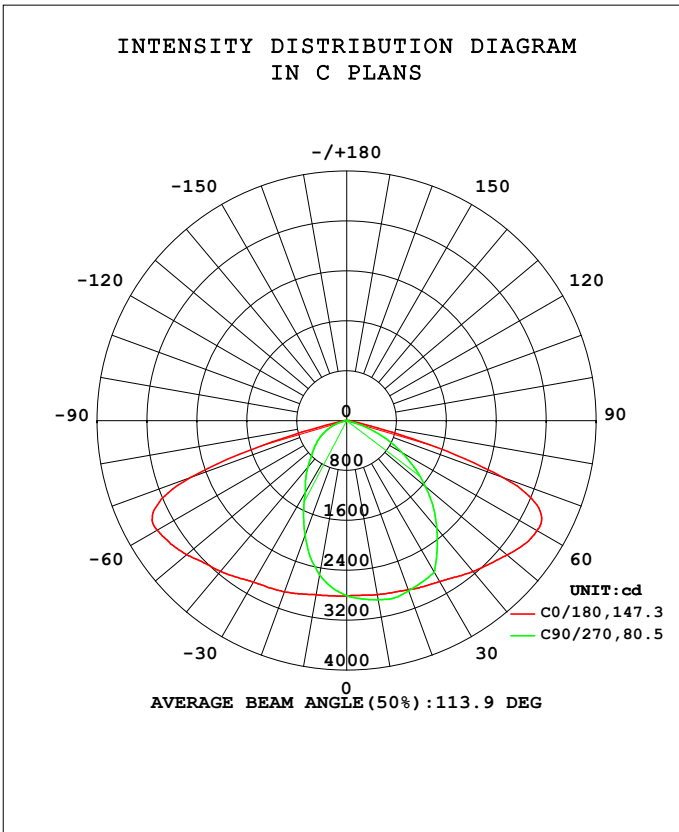


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LD-CLX-0080-N01S	Imax (cd)	4124	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	61.9
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	9511	η house_up (%)	0.0
NOMINAL FLUX (lm)	9510.96	MAXIMUM @ (C, γ)	15,64.0	η house_down (%)	38.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	219.7	η down (%)	100.0	SLI	17.571

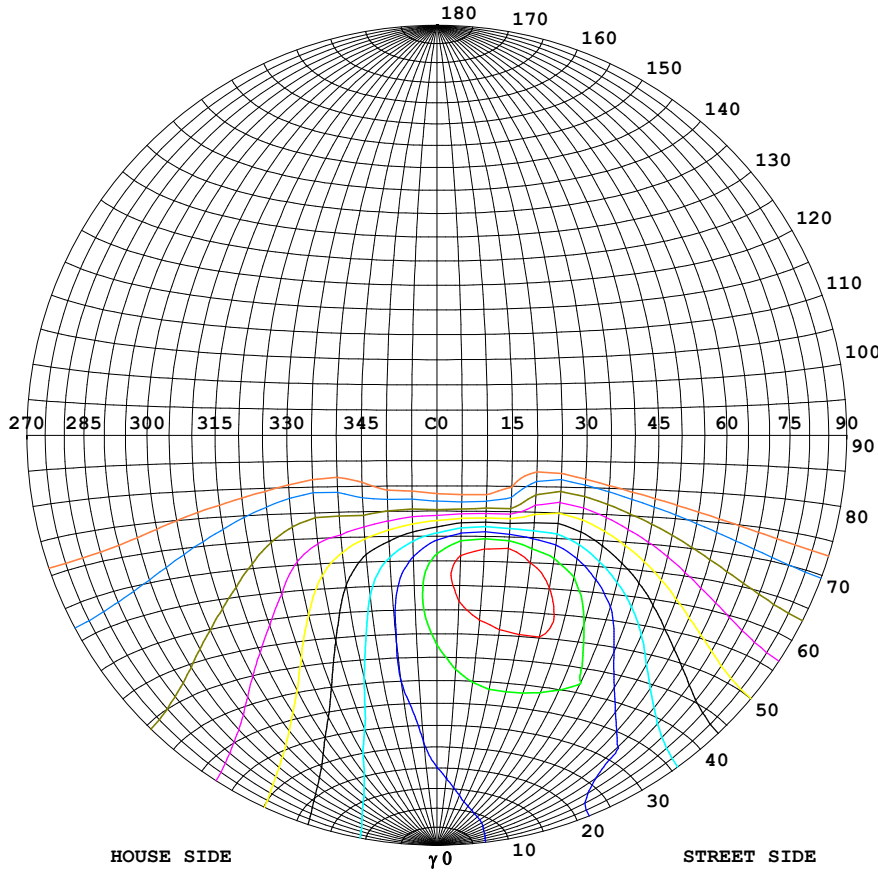


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:杨守真
 Test Date:2025-10-30

V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		



Classification:

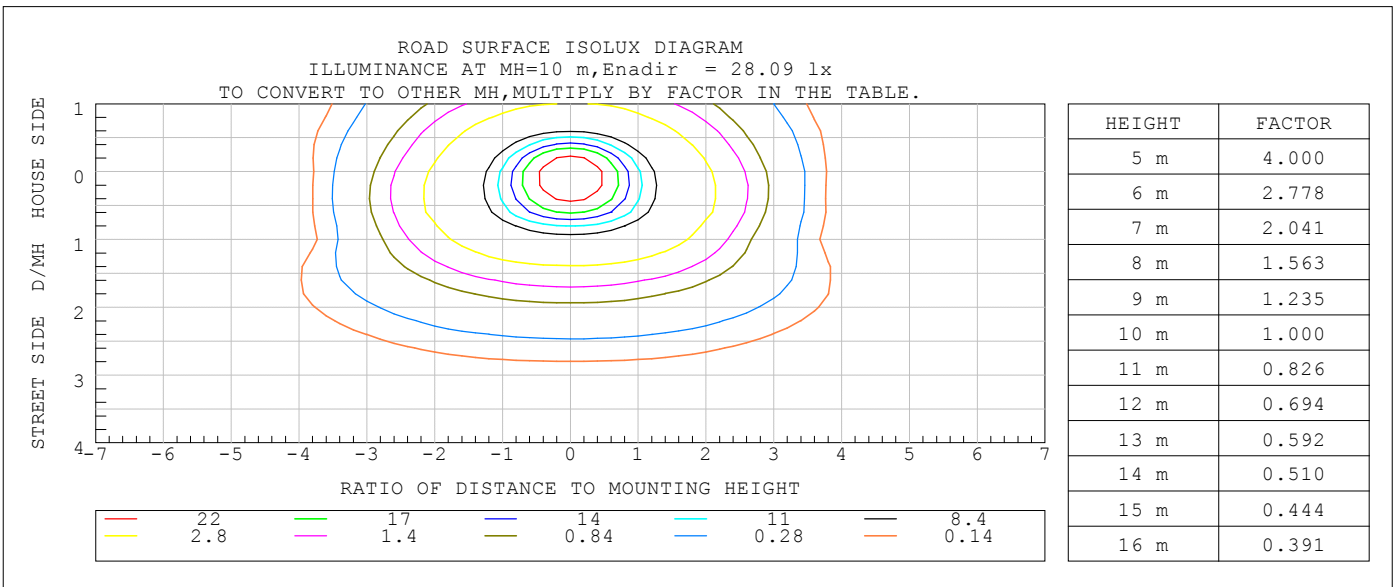
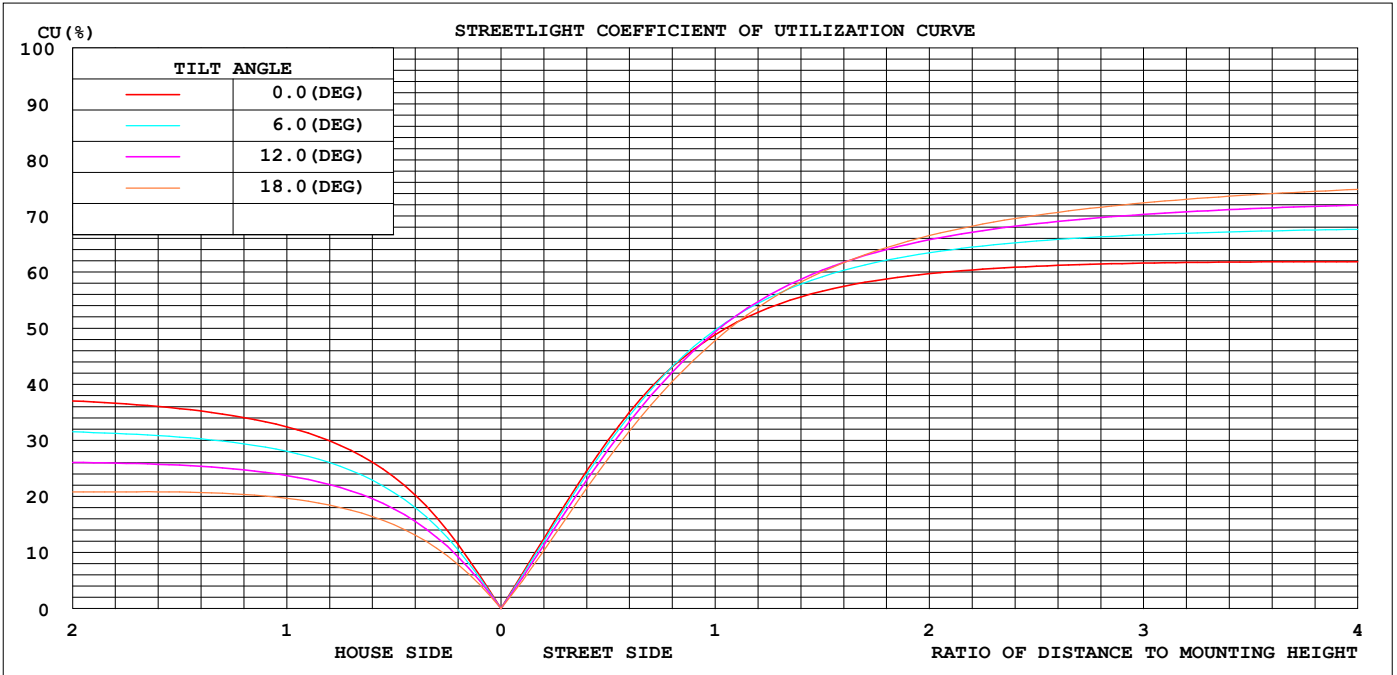
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:69.83cd/klm
 Max.At90:0.9398cd/klm
 Max.80-90:69.83cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4124
— 90%	3712
— 80%	3299
— 70%	2887
— 60%	2475
— 50%	2062
— 40%	1650
— 30%	1237
— 20%	825
— 10%	412
— 5%	206

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:杨守真
 Test Date:2025-10-30

V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-10-30

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

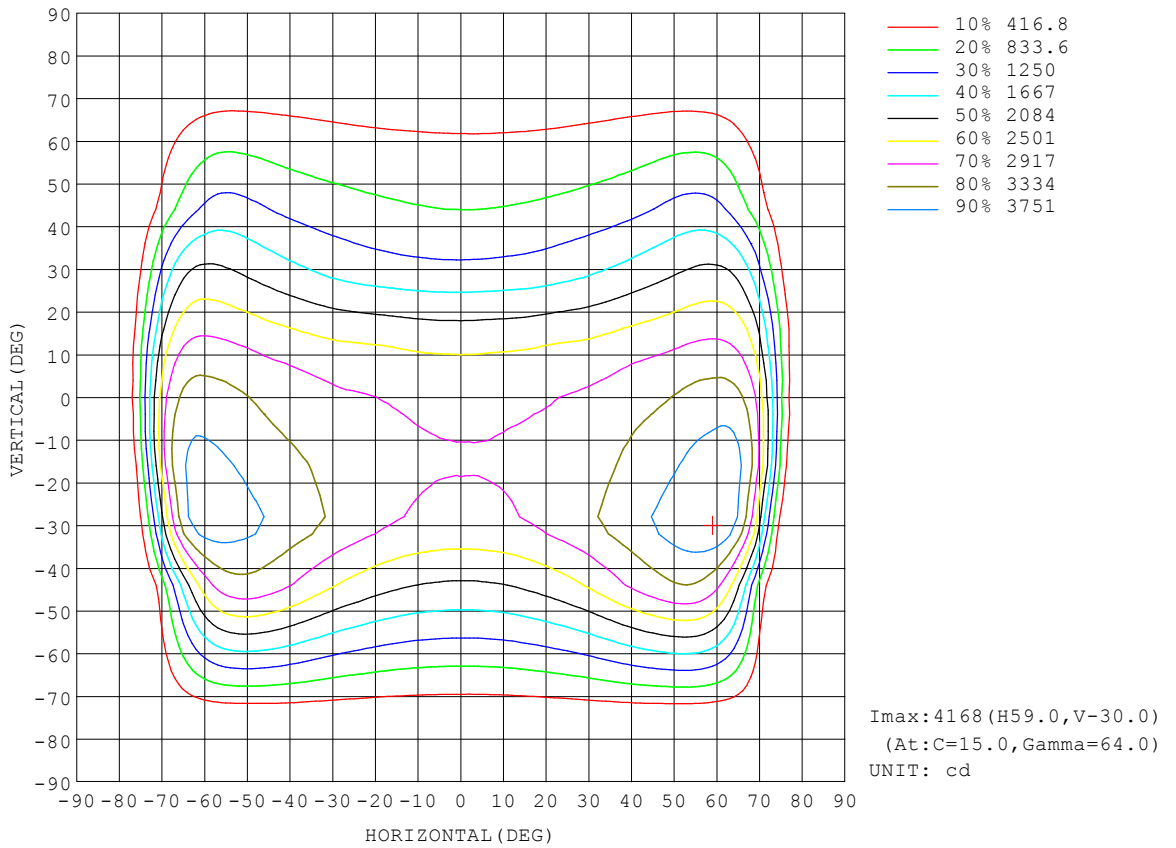
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2832	2896	2917	2906	2835	2630	2513	2633	0- 10	265.9	265.9	2.8,2.8
20	2886	2988	2904	3012	2922	2351	1955	2338	10- 20	771.0	1037	10.9,10.9
30	2979	3048	2810	3069	2991	1913	1328	1922	20- 30	1196	2232	23.5,23.5
40	3157	3164	2249	3168	3152	1472	973.1	1501	30- 40	1521	3753	39.5,39.5
50	3352	2862	1653	2843	3345	1205	682.8	1202	40- 50	1736	5409	57.7,57.7
60	3524	2307	1020	2273	3512	895.3	456.8	881.6	50- 60	1812	7301	76.8,76.8
70	2670	1273	387.3	1258	2661	531.8	230.8	525.5	60- 70	1576	8877	93.3,93.3
80	99.82	0.1779	0	0.1821	104.0	0.1371	0	0.1344	70- 80	606.9	9484	99.7,99.7
90	8.828	0	0	0	8.939	0	0	0	80- 90	27.27	9511	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-10-30

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

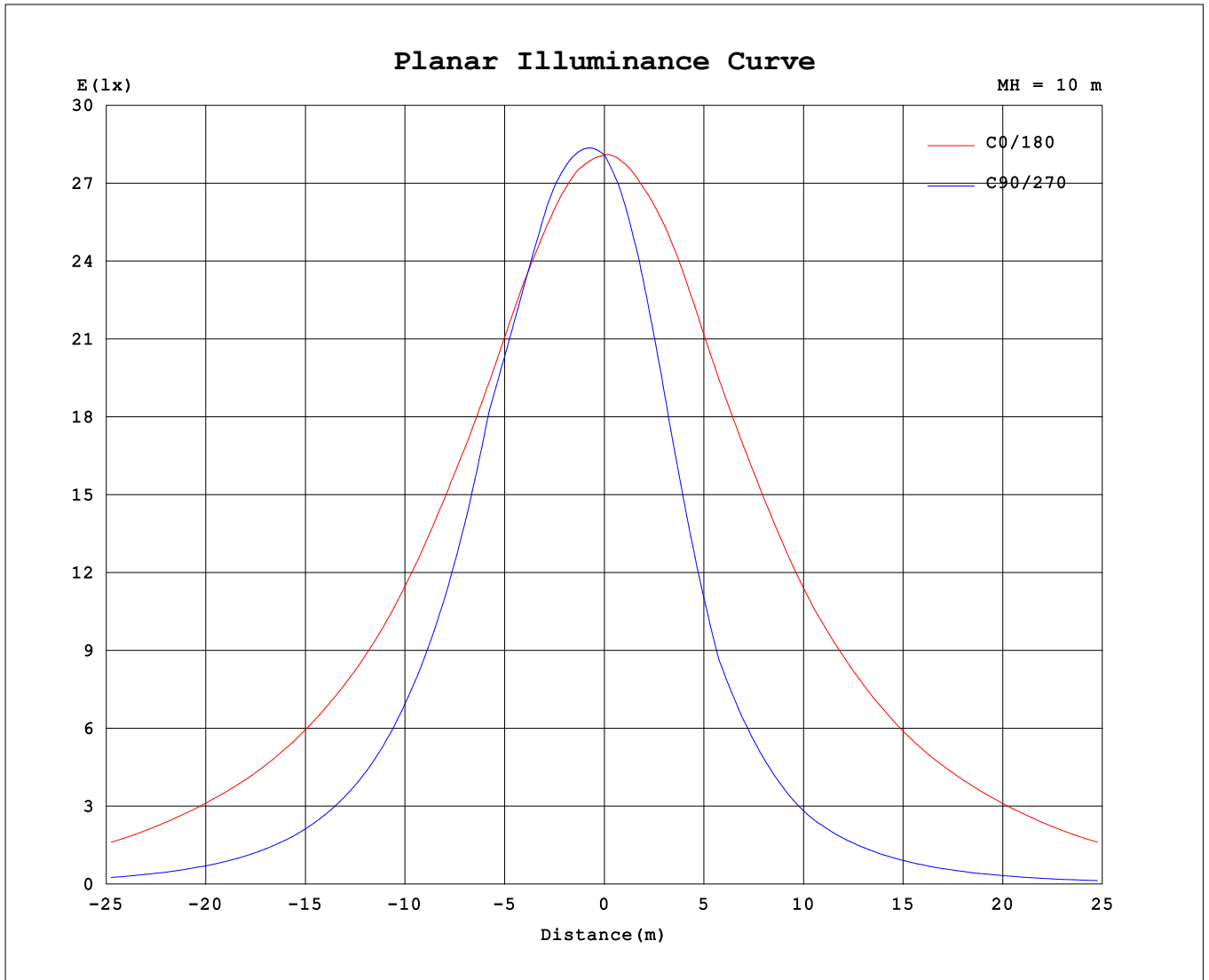
Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		



H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: 杨守真
 Test Date: 2025-10-30

V(B) Range: -75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity: 65.0%
 Test Distance: 9.078m [K=1.0000]
 Remarks:

Planar Illuminance Curve



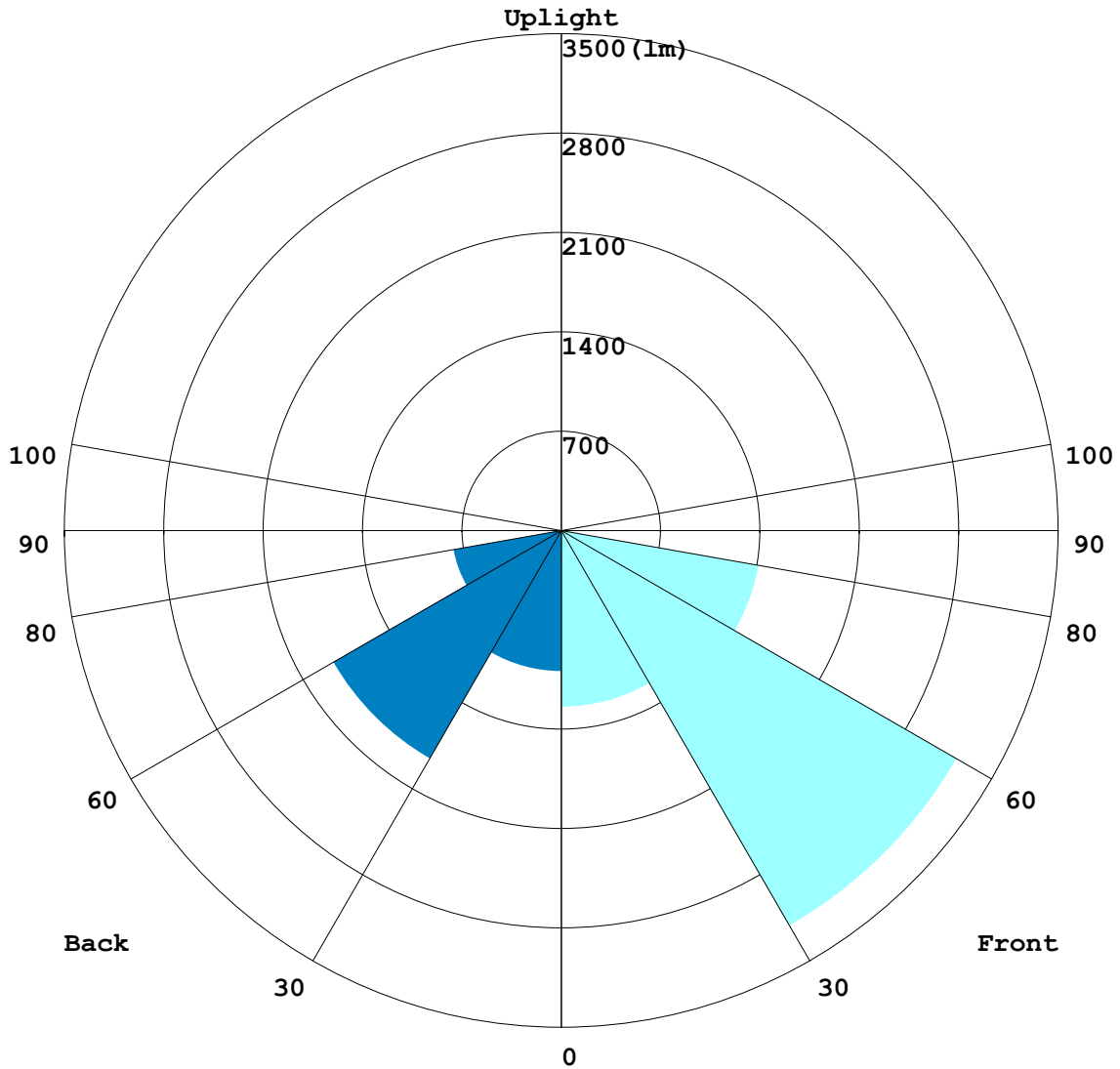
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:杨守真
 Test Date:2025-10-30

V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz		
Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-10-30

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1241.5	13.1
FM - Front-Medium(30-60)	3214.1	33.8
FH - Front-High(60-80)	1411.6	14.8
FVH - Front-Very High(80-90)	15.452	0.2
Total Forward Light	5882.6	61.9

BL - Back-Low(0-30)	990.9	10.4
BM - Back-Medium(30-60)	1854.4	19.5
BH - Back-High(60-80)	771.22	8.1
BVH - Back-Very High(80-90)	11.815	0.1
Total Back Light	3628.3	38.1

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3628.3	0	3628.3
Street Side	5882.6	0	5882.6

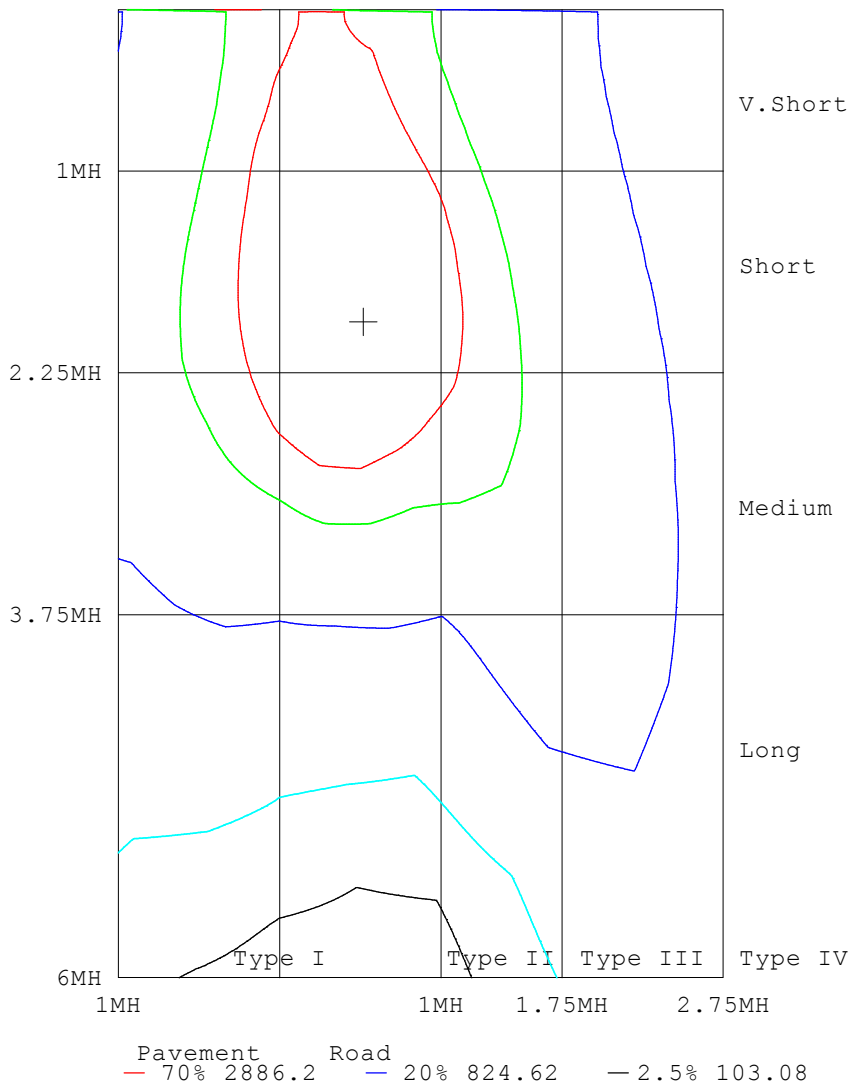
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-10-30

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

ROAD SURFACE ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:杨守真
 Test Date:2025-10-30

V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.80V I:0.3530A P:71.100W PF:0.9170 Freq:50.00Hz		
Lamp Flux:9510.96x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

Table--4

UNIT: cd

γ (DEG) \ C (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809	2809				
5	2691	2695	2700	2705	2712	2719	2726	2734	2743	2752	2761	2771	2780	2790	2800				
10	2527	2538	2552	2570	2589	2610	2633	2658	2683	2707	2732	2753	2772	2792	2812				
15	2297	2322	2351	2384	2421	2462	2507	2554	2595	2637	2683	2725	2764	2794	2823				
20	2006	2042	2087	2140	2200	2268	2338	2409	2485	2563	2631	2695	2756	2806	2846				
25	1702	1747	1801	1867	1944	2033	2136	2250	2363	2470	2574	2668	2751	2825	2882				
30	1398	1449	1514	1592	1686	1797	1922	2057	2196	2343	2479	2605	2723	2827	2909				
35	1202	1241	1289	1348	1426	1559	1704	1858	2019	2191	2378	2552	2715	2847	2963				
40	1029	1071	1124	1192	1279	1382	1501	1663	1855	2058	2270	2491	2700	2885	3039				
45	854	900	958	1032	1125	1234	1362	1512	1690	1920	2162	2411	2661	2898	3092				
50	727	762	811	873	955	1066	1202	1366	1560	1782	2042	2316	2601	2880	3140				
55	609	642	688	747	820	910	1024	1191	1403	1646	1913	2214	2531	2861	3185				
60	489	518	559	614	683	769	882	1026	1220	1477	1762	2078	2417	2774	3154				
65	367	390	425	473	534	613	716	856	1041	1265	1513	1810	2178	2532	2947				
70	242	259	285	323	374	440	525	645	803	983	1156	1302	1578	1886	2259				
75	96.8	121	141	168	204	249	308	392	504	634	741	746	696	835	929				
80	0.00	0.00	0.00	0.00	0.00	0.00	0.13	86.7	160	246	320	327	251	144	126				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.1	53.4	42.9	41.4			
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				

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-10-30

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks: