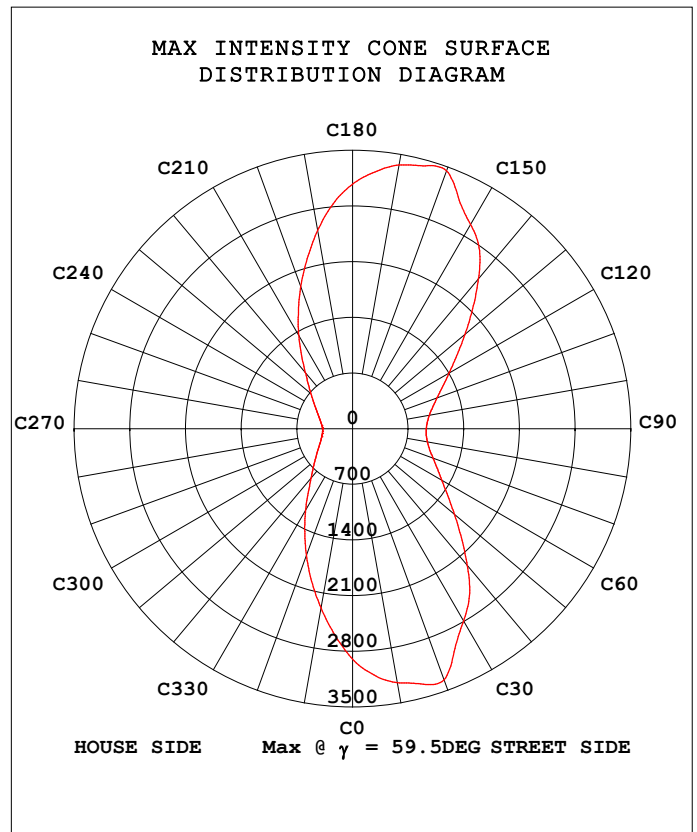
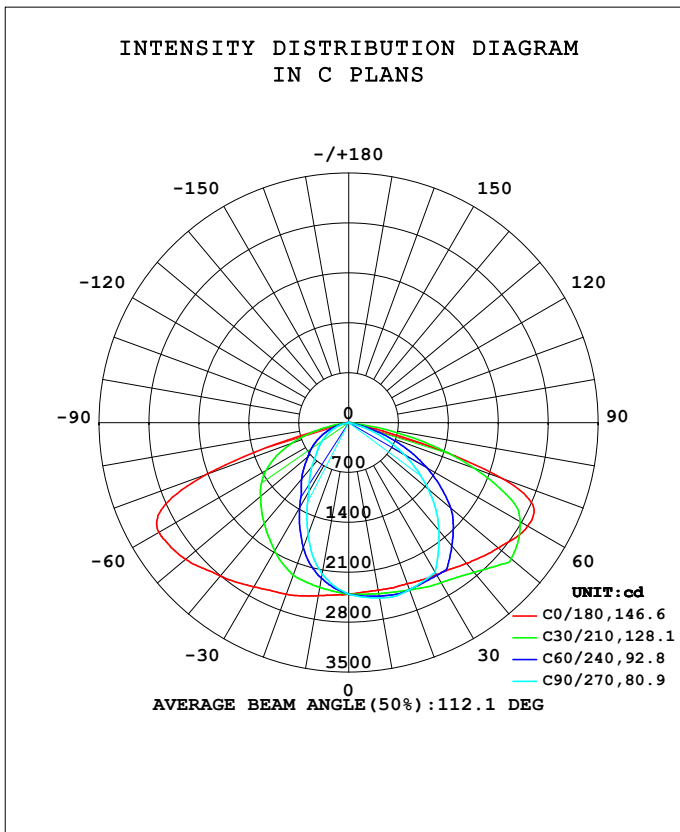


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.80V I:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz Lamp Flux:8106.81x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LD-CLX-0060-N01S	Imax (cd)	3454	η street_up (%)	0.0
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	62.1
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	8107	η house_up (%)	0.0
NOMINAL FLUX (lm)	8106.81	MAXIMUM @ (C, γ)	160,59.5	η house_down (%)	37.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	219.8	η down (%)	100.0	SLI	17.130

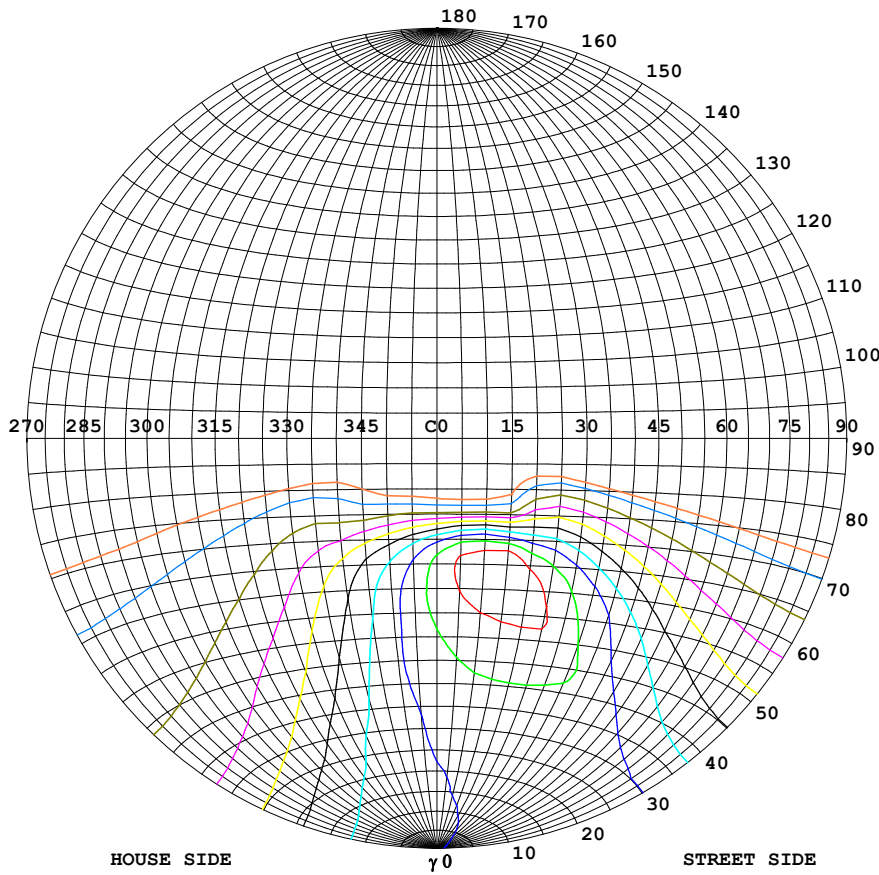


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 杨守真
Test Date: 2025-10-30

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:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz		
Lamp Flux:8106.81x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		



Classification:

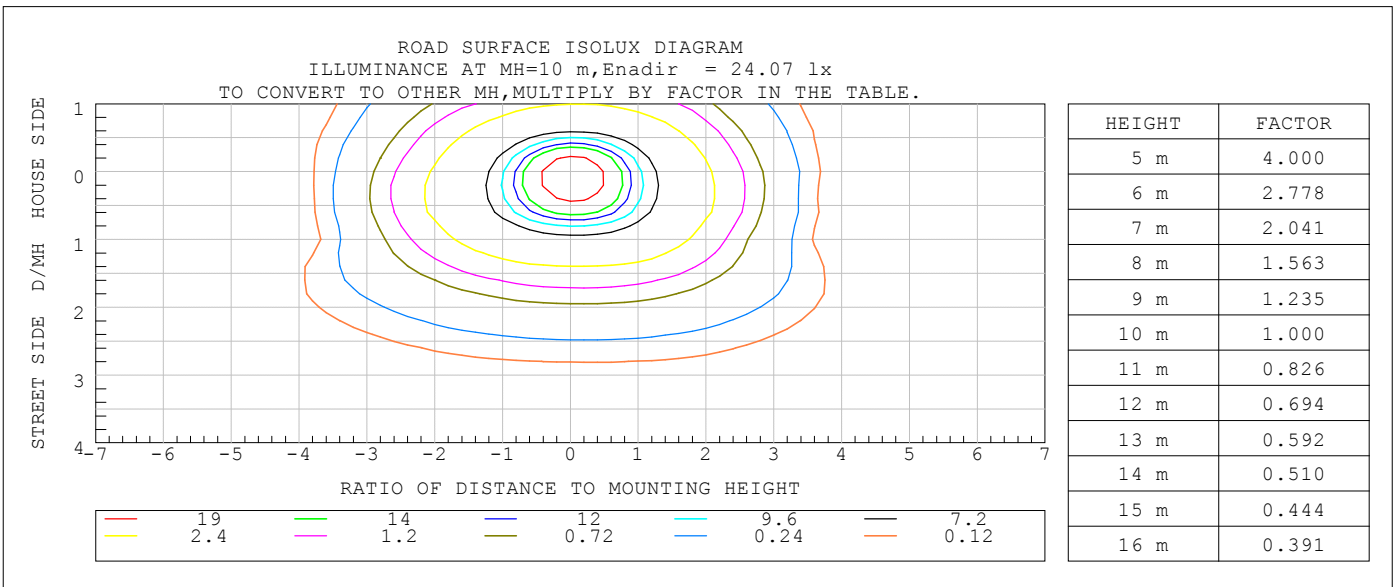
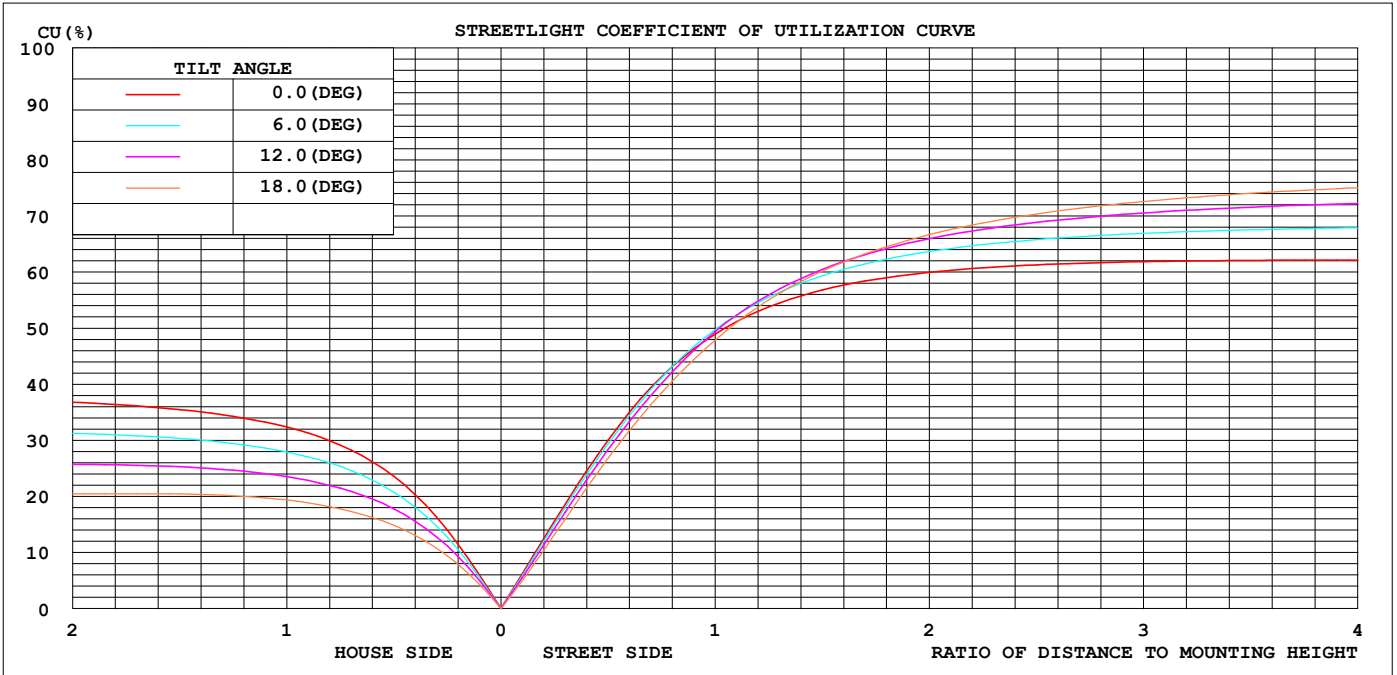
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:66.75cd/klm
 Max.At90:0.9330cd/klm
 Max.80-90:66.75cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3454
— 90%	3109
— 80%	2763
— 70%	2418
— 60%	2073
— 50%	1727
— 40%	1382
— 30%	1036
— 20%	691
— 10%	345
— 5%	173

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:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz Lamp Flux:8106.81x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

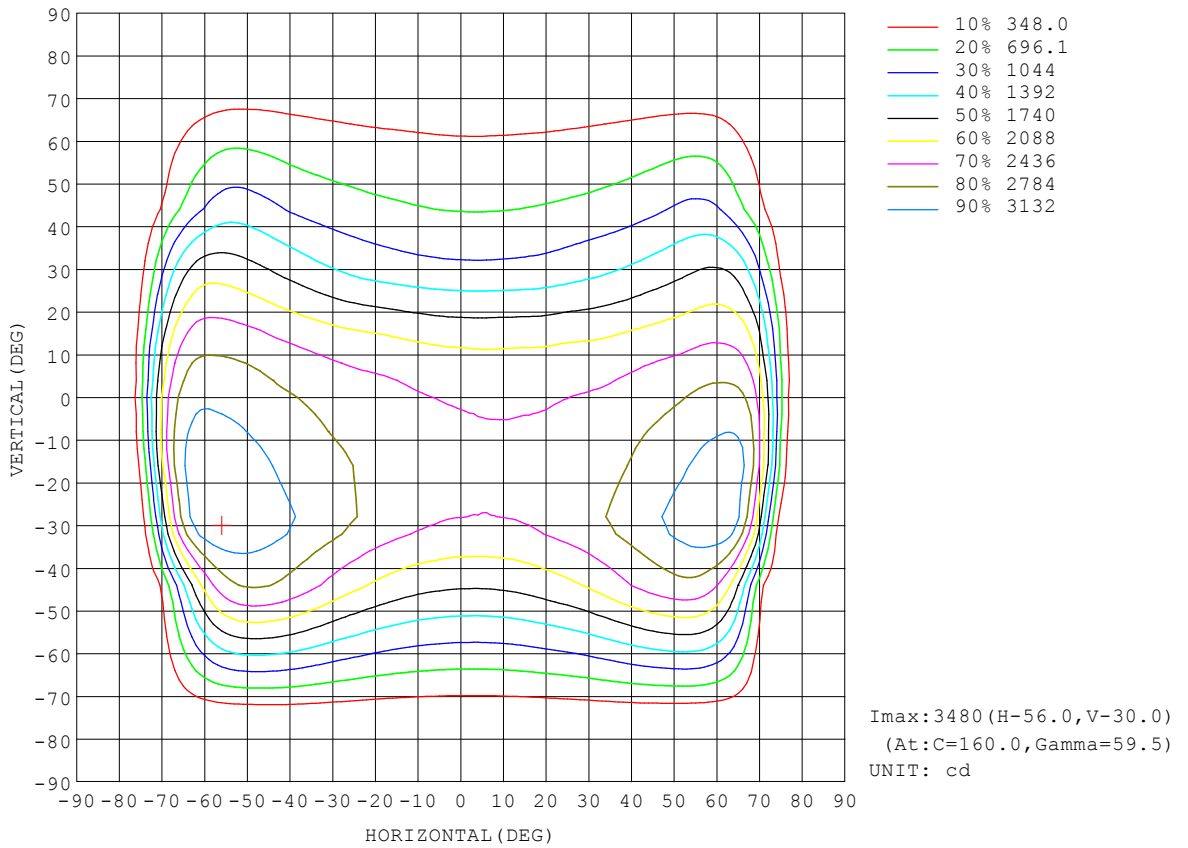
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2386	2454	2497	2516	2465	2277	2157	2226	0- 10	227.6	227.6	2.81,2.81
20	2404	2510	2494	2638	2559	2066	1671	1972	10- 20	661.1	888.7	11,11
30	2464	2550	2427	2709	2659	1689	1112	1584	20- 30	1025	1914	23.6,23.6
40	2577	2623	1969	2824	2807	1307	804.5	1219	30- 40	1304	3218	39.7,39.7
50	2738	2370	1460	2593	2987	1057	557.0	956.9	40- 50	1491	4709	58.1,58.1
60	2899	1899	900.1	2097	3077	774.5	370.1	691.8	50- 60	1553	6262	77.2,77.2
70	2297	1044	340.2	1146	2112	464.7	183.2	412.6	60- 70	1334	7595	93.7,93.7
80	74.61	0.1488	0	0.1634	73.63	0.1142	0	0.1061	70- 80	490.6	8086	99.7,99.7
90	7.074	0	0	0	7.563	0	0	0	80- 90	20.75	8107	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

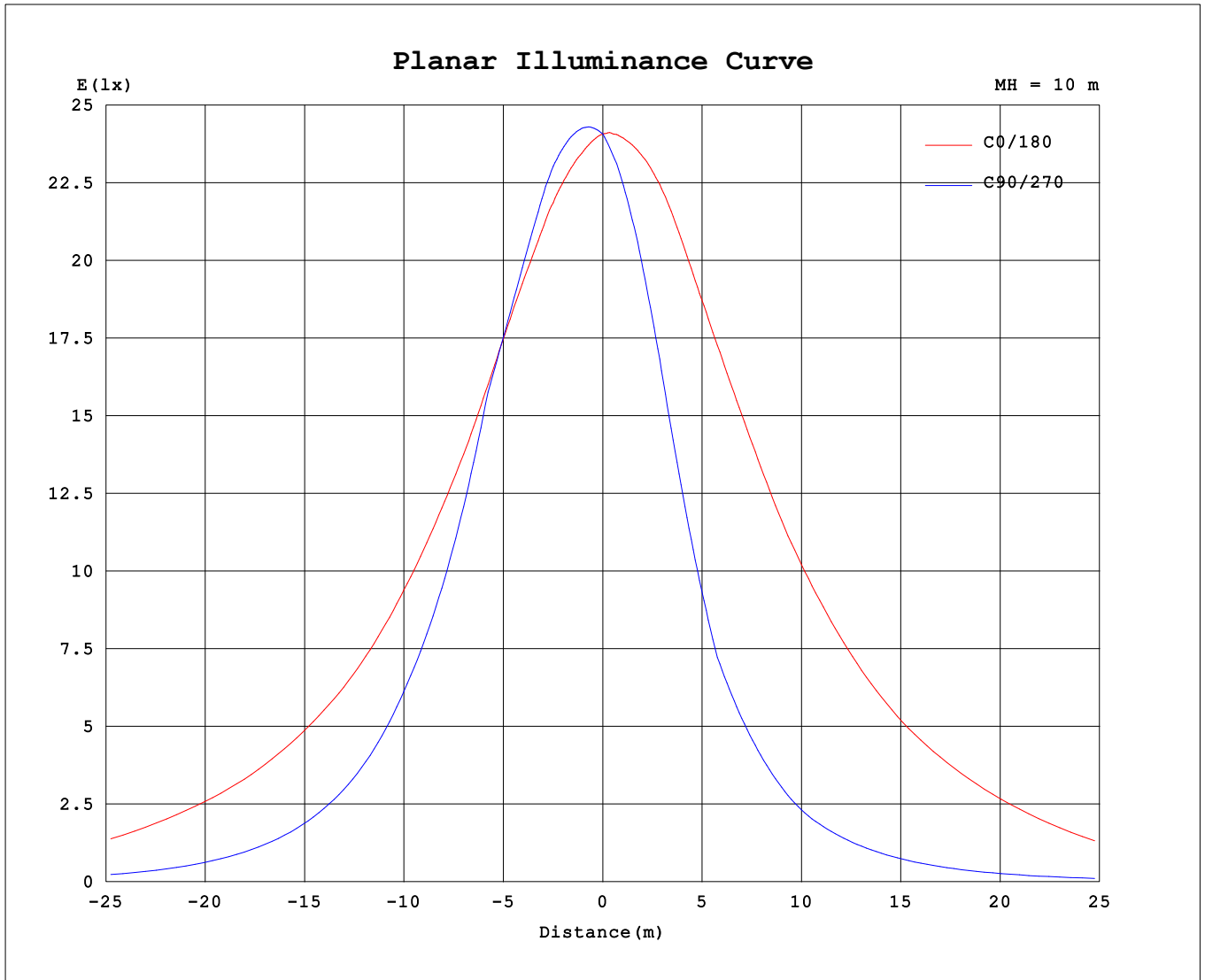
Test:U:219.80V I:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz Lamp Flux:8106.81x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		



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



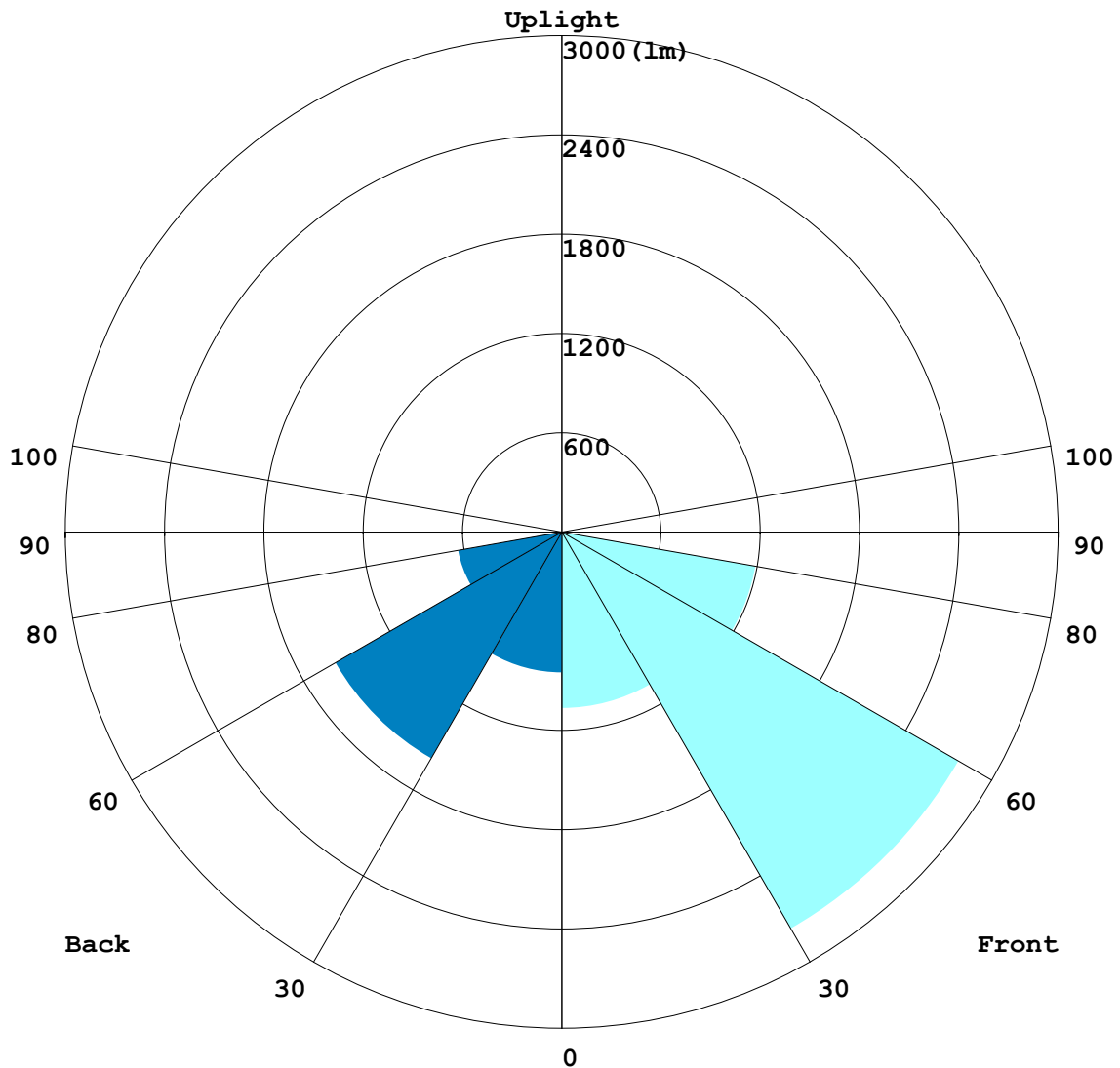
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:杨守真
 Test Date:2025-10-30

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:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz		
Lamp Flux:8106.81x1 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:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz Lamp Flux:8106.81x1 lm		
NAME: Sunflower Street Light	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1064.4	13.1
FM - Front-Medium(30-60)	2768	34.1
FH - Front-High(60-80)	1188.3	14.7
FVH - Front-Very High(80-90)	11.8	0.1
Total Forward Light	5032.6	62.1

BL - Back-Low(0-30)	849.12	10.5
BM - Back-Medium(30-60)	1580	19.5
BH - Back-High(60-80)	636.19	7.8
BVH - Back-Very High(80-90)	8.9492	0.1
Total Back Light	3074.2	37.9

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	3074.2	0	3074.2
Street Side	5032.6	0	5032.6

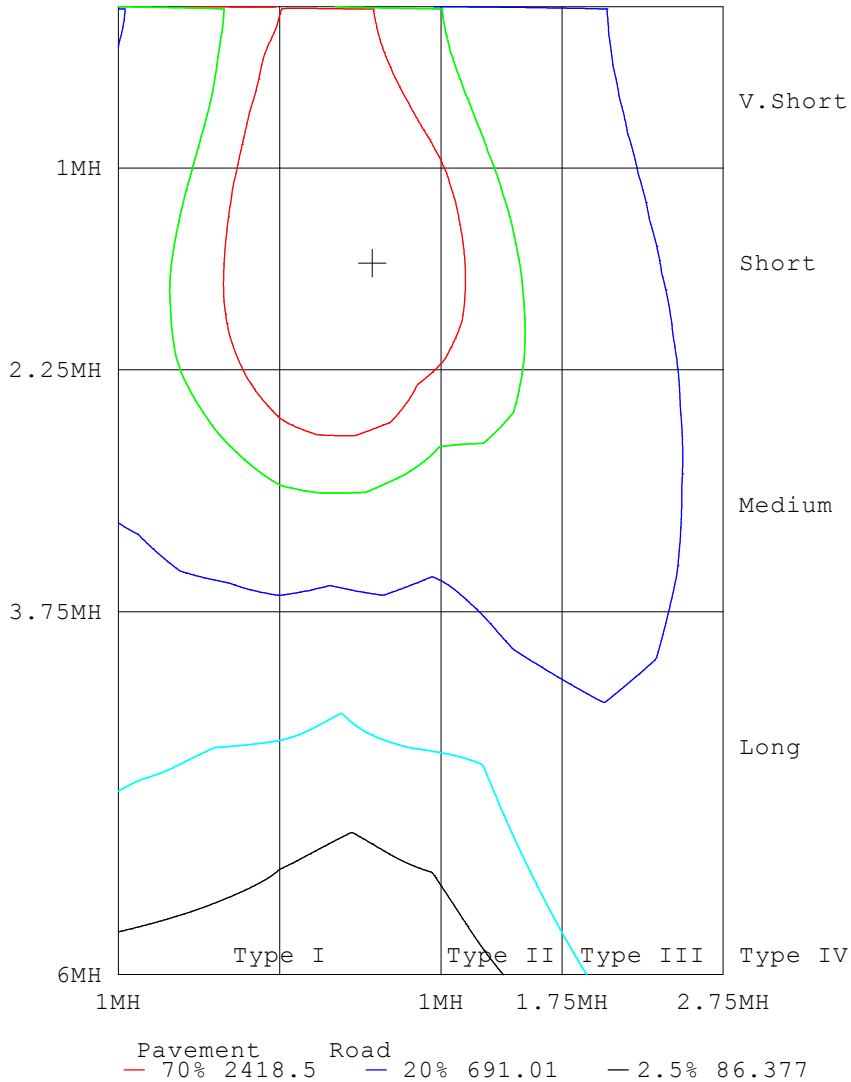
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-10-30

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:

ROAD ISOCANDELA REPORT

Test:U:219.80V I:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz		
Lamp Flux:8106.81x1 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°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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.80V I:0.2930A P:56.600W PF:0.8790 Freq:50.00Hz Lamp Flux:8106.81x1 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	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407	2407				
5	2304	2304	2306	2309	2313	2317	2323	2328	2334	2340	2347	2355	2362	2370	2378				
10	2160	2165	2172	2181	2193	2209	2226	2246	2265	2283	2302	2320	2337	2353	2370				
15	1957	1972	1995	2020	2049	2082	2119	2157	2188	2224	2259	2292	2323	2349	2375				
20	1696	1726	1764	1809	1859	1914	1972	2027	2083	2145	2197	2246	2295	2337	2371				
25	1429	1465	1510	1564	1628	1698	1779	1868	1960	2049	2137	2217	2285	2345	2391				
30	1160	1201	1254	1319	1394	1482	1584	1699	1822	1948	2061	2166	2259	2341	2406				
35	989	1018	1056	1102	1163	1272	1395	1528	1665	1808	1957	2099	2229	2338	2430				
40	839	871	914	966	1035	1118	1219	1355	1510	1678	1855	2039	2207	2357	2481				
45	689	724	769	827	901	992	1096	1218	1360	1550	1754	1963	2175	2370	2527				
50	585	611	645	691	757	846	957	1089	1245	1430	1650	1882	2124	2355	2563				
55	490	515	548	592	647	716	806	940	1113	1314	1537	1792	2056	2331	2597				
60	394	416	446	488	539	606	692	804	957	1170	1412	1685	1979	2281	2593				
65	297	314	340	376	423	483	562	670	816	1000	1212	1475	1798	2101	2463				
70	198	211	231	259	297	346	413	505	632	783	922	1030	1285	1562	1915				
75	81.5	102	118	137	163	197	242	307	399	506	585	570	523	638	740				
80	0.00	0.00	0.00	0.00	0.00	0.00	0.11	67.7	127	197	249	245	175	100	89.3				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	39.5	34.4	34.7				
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°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: