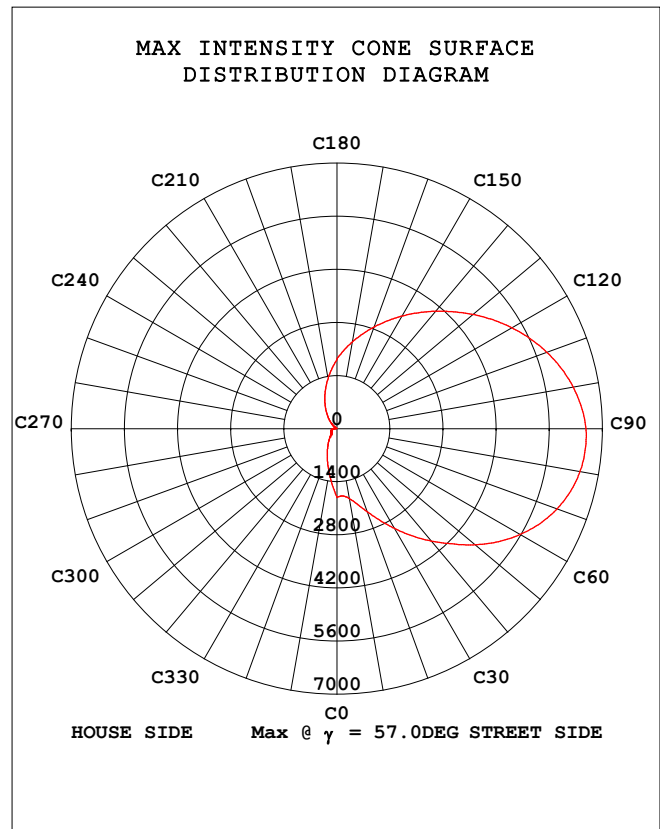
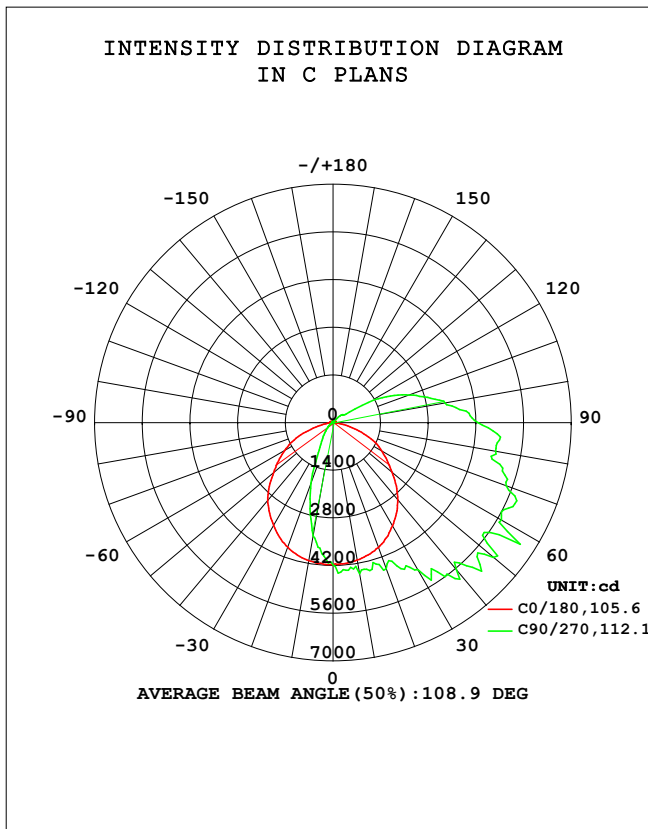


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.71 lm/W			
MODEL		Imax(cd)	6565	η street_up(%)	15.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	69.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	17049	η house_up(%)	0.7
NOMINAL FLUX(lm)	17048.7	MAXIMUM @ (C, γ)	90,57.0	η house_down(%)	15.2
LAMPS INSIDE	1	η up(%)	15.8	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	84.2	SLI	21.145

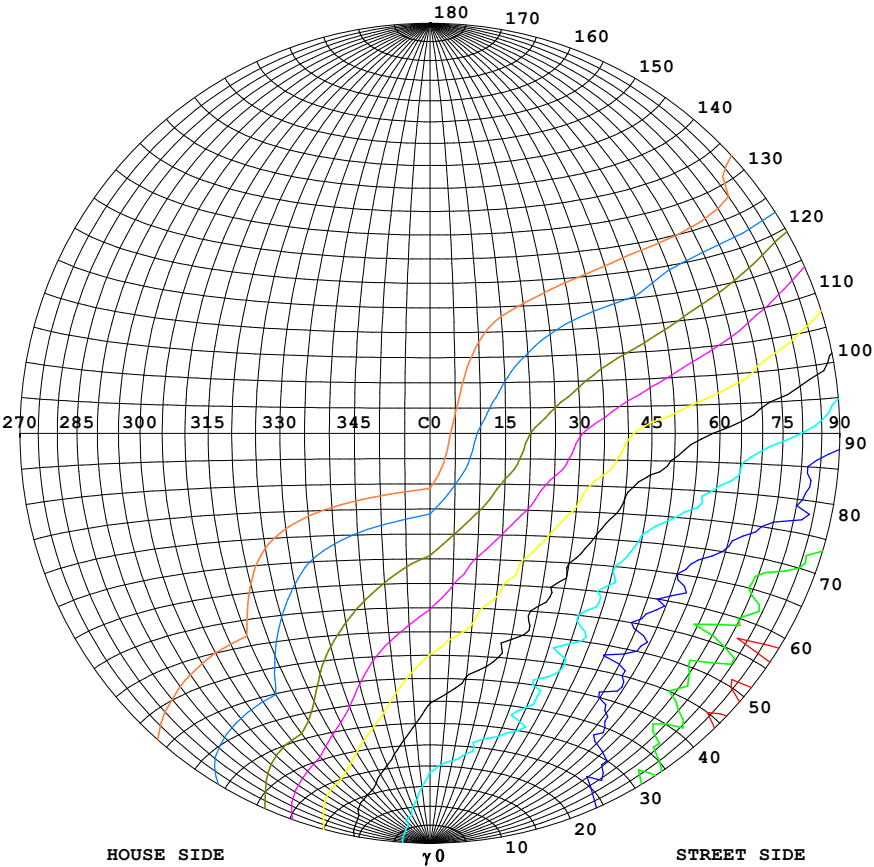


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:



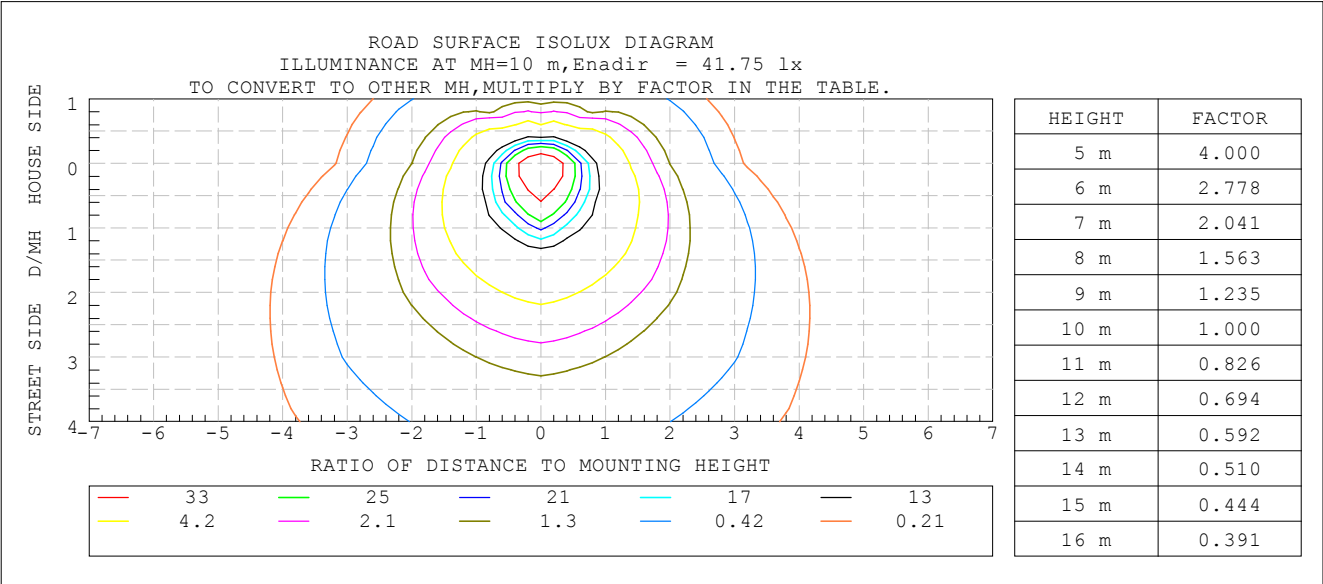
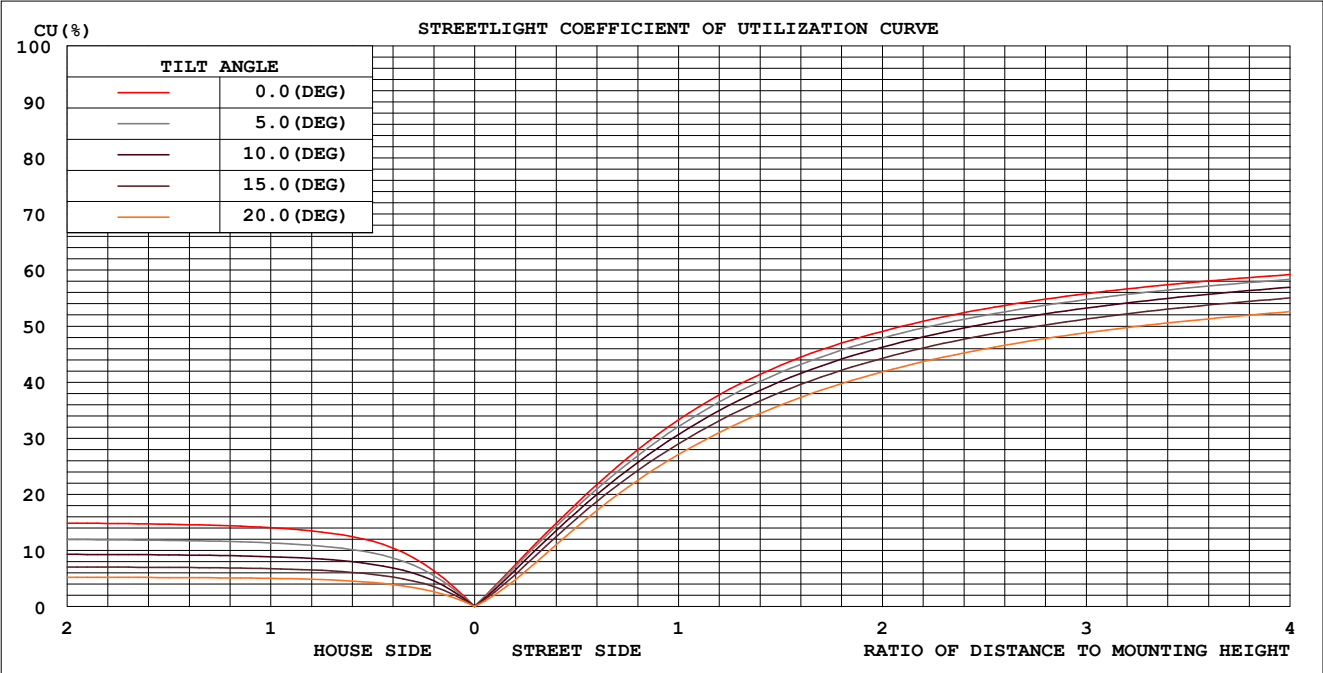
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:284.4cd/klm
Max.At90:249.9cd/klm
Max.80-90:289.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	6565
90%	5908
80%	5252
70%	4595
60%	3939
50%	3282
40%	2626
30%	1969
20%	1313
10%	656
5%	328

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

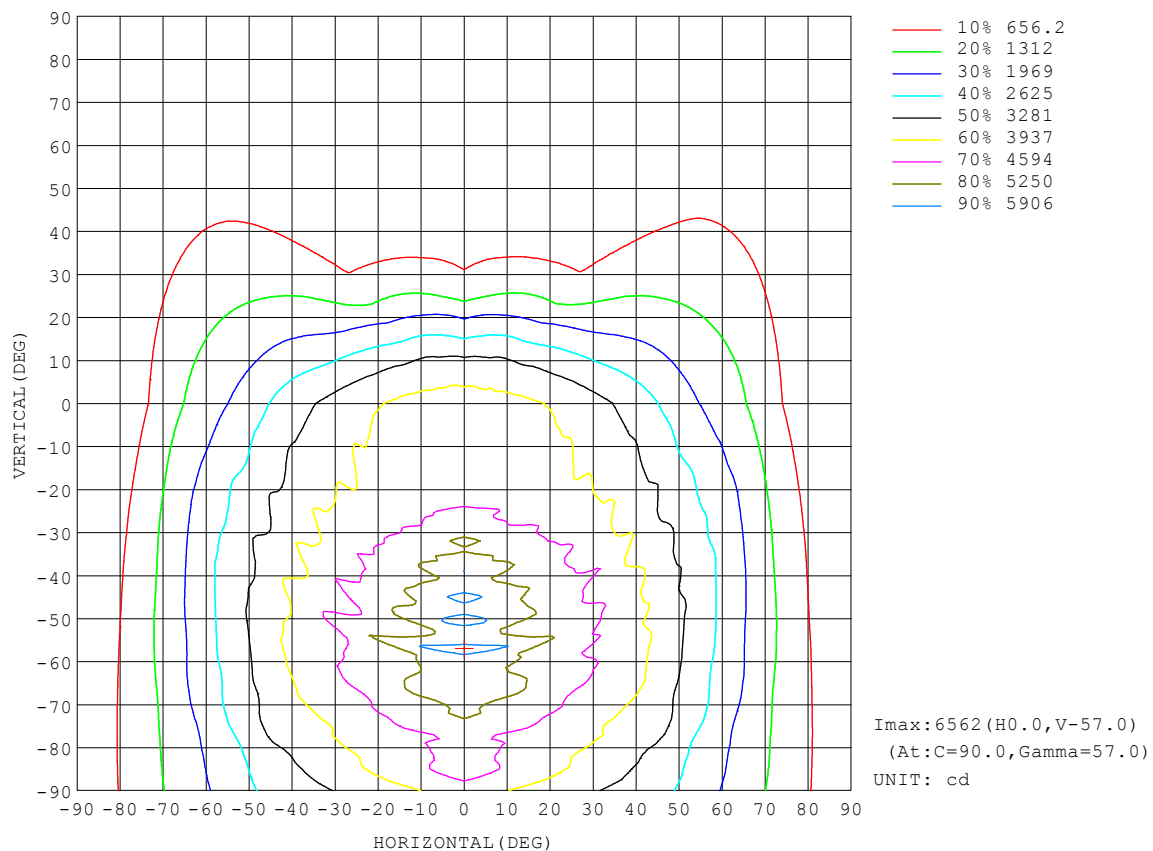
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4100	4228	4508	4226	4122	3631	3379	3623	0- 10	388.9	388.9	2.28,2.28
20	3902	4302	4563	4330	3897	2636	1906	2621	10- 20	1057	1446	8.48,8.48
30	3500	4134	4982	4117	3494	1431	710.8	1445	20- 30	1487	2933	17.2,17.2
40	2956	4471	5657	4232	2989	634.8	369.2	648.0	30- 40	1792	4725	27.7,27.7
50	2265	4261	6155	4331	2279	360.8	185.1	369.3	40- 50	2031	6757	39.6,39.6
60	1645	4375	5713	4117	1646	186.9	93.59	193.9	50- 60	2135	8891	52.2,52.2
70	968.3	3978	5413	3880	930.8	80.83	20.30	86.58	60- 70	2097	10988	64.4,64.4
80	282.9	3526	4848	3469	239.9	38.92	25.58	40.88	70- 80	1826	12813	75.2,75.2
90	77.07	2865	4260	2823	71.06	33.67	30.68	32.99	80- 90	1547	14361	84.2,84.2
100	70.74	1834	3340	1812	74.97	33.32	34.88	30.94	90-100	1181	15542	91.2,91.2
110	74.96	1063	2388	1054	82.56	32.81	37.58	29.96	100-110	794.6	16337	95.8,95.8
120	65.26	420.0	1200	431.3	73.55	33.08	38.09	30.32	110-120	438.3	16775	98.4,98.4
130	48.86	164.1	365.7	168.4	54.18	33.56	37.02	30.41	120-130	151.0	16926	99.3,99.3
140	36.69	92.50	100.1	89.22	42.18	33.47	35.30	30.10	130-140	67.78	16994	99.7,99.7
150	26.81	44.81	68.92	39.97	31.81	33.03	33.68	29.89	140-150	30.38	17024	99.9,99.9
160	23.52	25.63	30.90	21.84	27.33	31.39	31.92	28.97	150-160	15.03	17039	99.9,99.9
170	25.68	19.87	18.54	17.68	27.60	28.54	28.40	26.85	160-170	7.248	17046	100,100
180	27.43	24.60	22.70	22.98	27.46	24.61	22.74	23.04	170-180	2.312	17049	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:8.170m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

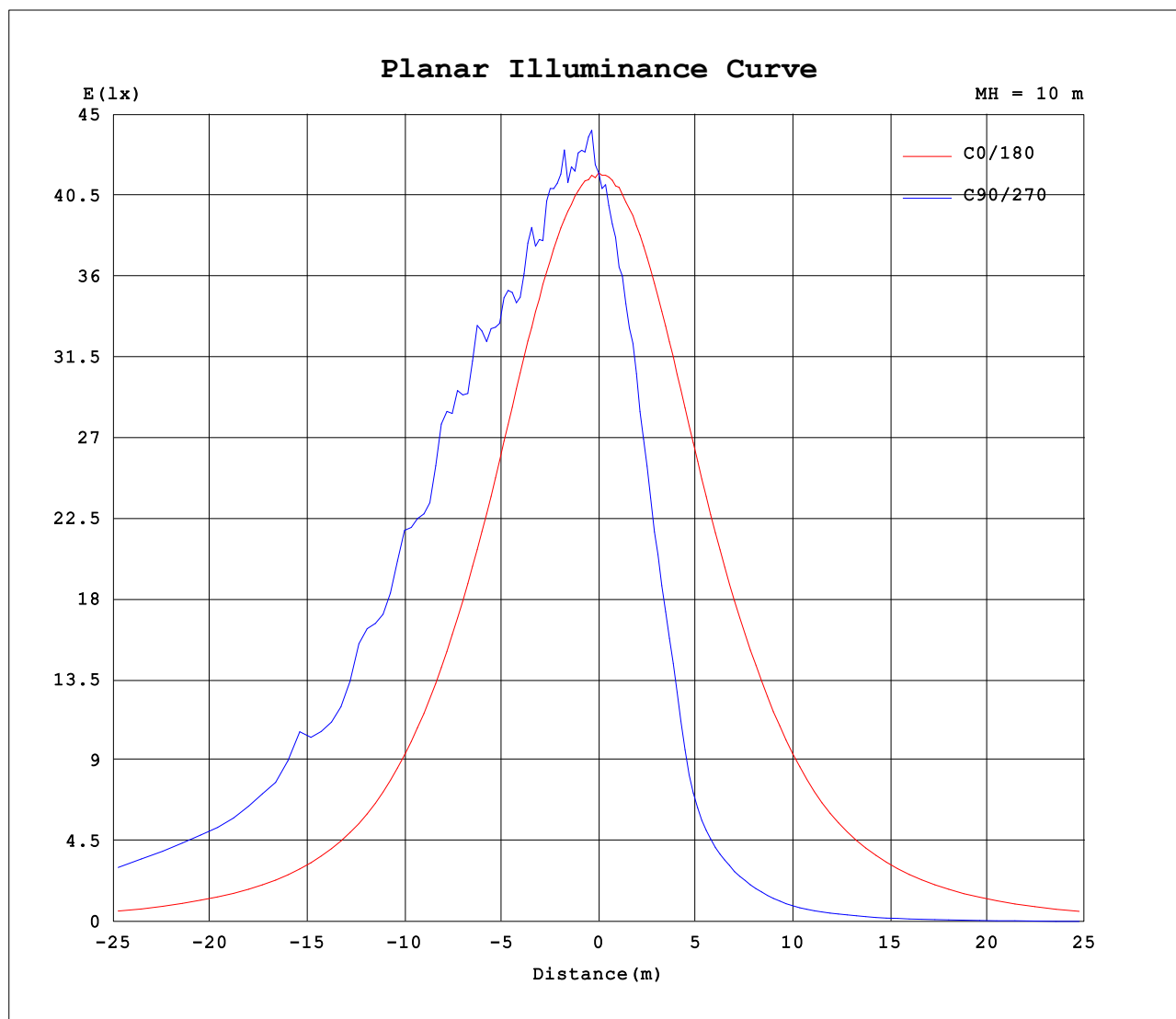
Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

Planar Illuminance Curve



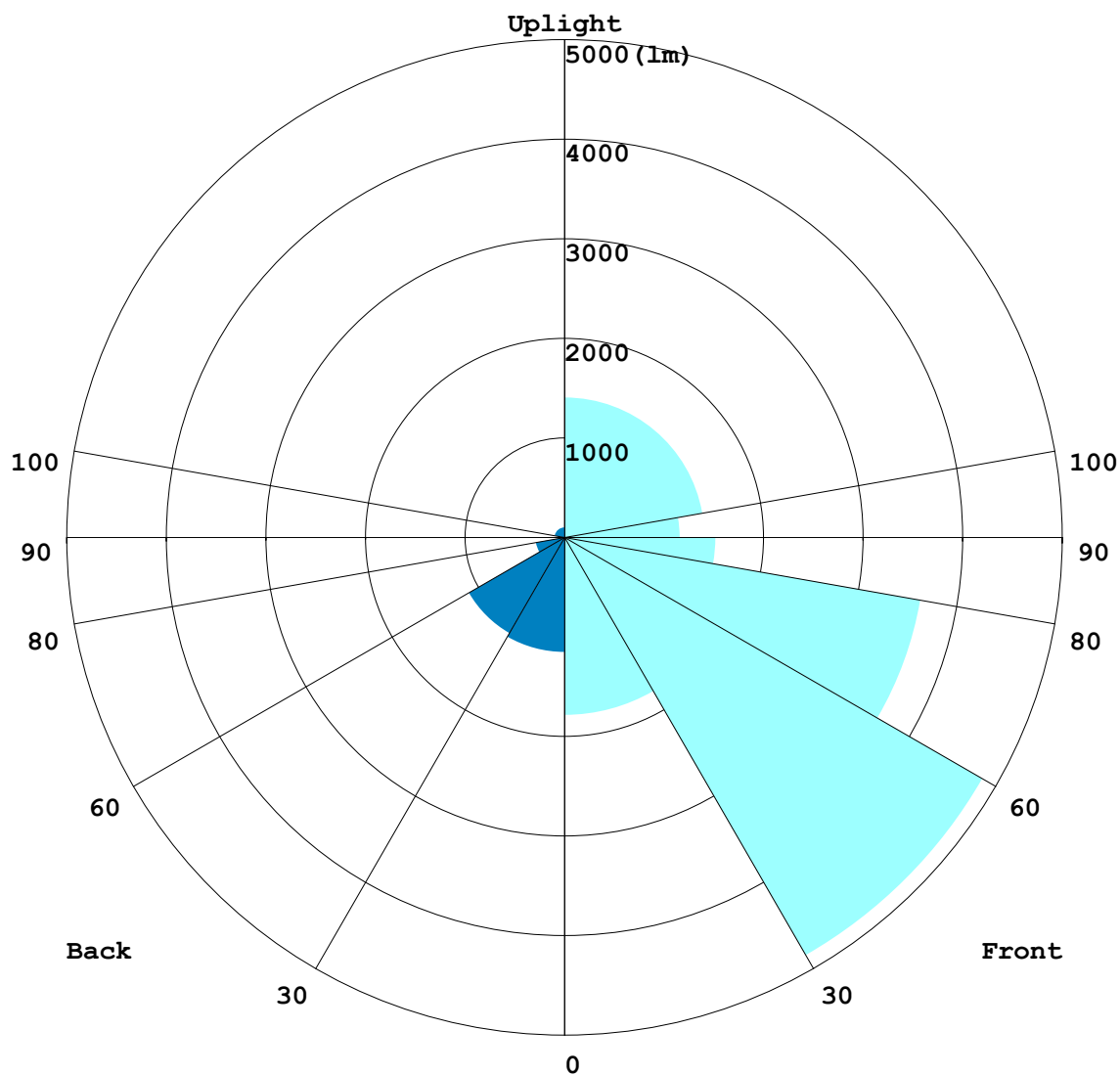
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu-1
Test Date: 2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 56%
Test Distance: 8.170m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1784	10.5
FM - Front-Medium(30-60)	4846.8	28.4
FH - Front-High(60-80)	3629.3	21.3
FVH - Front-Very High(80-90)	1516.1	8.9
Total Forward Light	14339	84.1

BL - Back-Low(0-30)	1149.5	6.7
BM - Back-Medium(30-60)	1110.8	6.5
BH - Back-High(60-80)	292.97	1.7
BVH - Back-Very High(80-90)	31.133	0.2
Total Back Light	2709.2	15.9

UL - Uplight-Low(90-100)	1181.5	6.9
UH - Uplight-High(100-180)	1506.6	8.8
Total Up Light	2688.1	15.8

BUG(Back,Up,Glare) Rating	B3-U4-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2584.4	124.89	2709.2
Street Side	11776	2563.2	14339

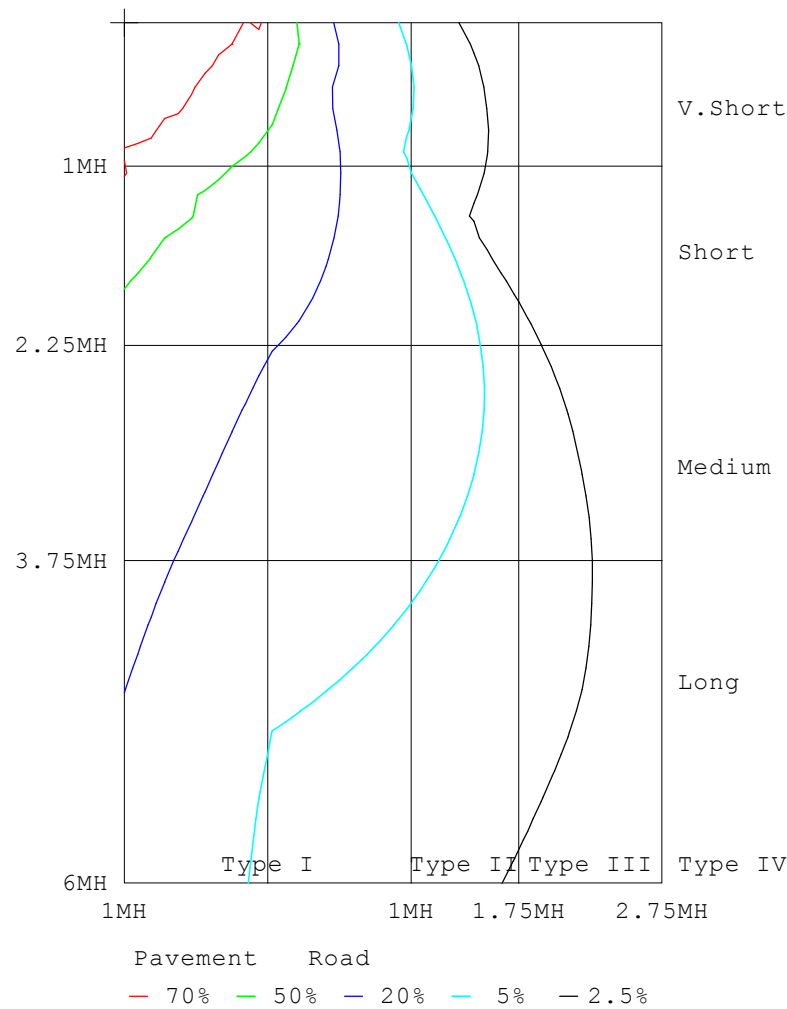
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2026-04-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:8.170m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2026-04-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.170m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.9451A P:113.1W PF:0.9964 Freq:59.99Hz Lamp Flux:17048.7x1 lm		
NAME: ASD-WLP01-120A-PC-WH	TYPE:	WEIGHT:
SPEC.:120W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17m	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	4176	4176	4176	4176	4176	4176	4176	4176										
5	4153	4328	4353	4381	4149	3969	3862	3935										
10	4100	4228	4508	4226	4122	3631	3379	3623										
15	4021	4321	4461	4386	4035	3221	2625	3200										
20	3902	4302	4563	4330	3897	2636	1906	2621										
25	3726	4266	4730	4145	3715	2031	1099	2036										
30	3500	4134	4982	4117	3494	1431	711	1445										
35	3255	4286	5347	4275	3255	900	508	918										
40	2956	4471	5657	4232	2989	635	369	648										
45	2632	4277	6178	4131	2650	477	252	485										
50	2265	4261	6155	4331	2279	361	185	369										
55	1947	4513	5623	4384	1960	263	130	271										
60	1645	4375	5713	4117	1646	187	93.6	194										
65	1359	4233	5829	4144	1326	126	68.4	133										
70	968	3978	5413	3880	931	80.8	20.3	86.6										
75	585	3722	5161	3653	534	47.9	22.8	52.3										
80	283	3526	4848	3469	240	38.9	25.6	40.9										
85	133	3108	4933	3048	116	35.2	28.3	35.4										
90	77.1	2865	4260	2823	71.1	33.7	30.7	33.0										
95	64.5	2304	3931	2268	66.4	33.3	32.9	31.9										
100	70.7	1834	3340	1812	75.0	33.3	34.9	30.9										
105	74.9	1431	2879	1414	79.8	33.0	36.4	30.2										
110	75.0	1063	2388	1054	82.6	32.8	37.6	30.0										
115	72.9	677	1860	682	83.8	32.9	38.5	28.5										
120	65.3	420	1200	431	73.6	33.1	38.1	30.3										
125	56.1	275	425	276	59.7	33.4	37.8	30.4										
130	48.9	164	366	168	54.2	33.6	37.0	30.4										
135	43.1	123	267	124	48.9	33.5	36.2	30.3										
140	36.7	92.5	100	89.2	42.2	33.5	35.3	30.1										
145	30.9	59.6	114	54.9	36.0	33.4	34.5	30.0										
150	26.8	44.8	68.9	40.0	31.8	33.0	33.7	29.9										
155	24.4	34.7	39.2	29.9	28.9	32.4	32.9	29.6										
160	23.5	25.6	30.9	21.8	27.3	31.4	31.9	29.0										
165	24.2	20.8	22.4	17.8	27.2	30.1	30.4	28.1										
170	25.7	19.9	18.5	17.7	27.6	28.5	28.4	26.9										
175	26.8	22.3	19.6	20.6	27.7	26.7	25.7	25.1										
180	27.4	24.6	22.7	23.0	27.5	24.6	22.7	23.0										

C Range: 0 - 360DEG

C Interval: 45.0DEG

Test Speed: HIGH

Temperature:27DEG

Operators:lianghaizhu-1

Test Date:2026-04-28

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364

Humidity:56%

Test Distance:8.170m [K=1.0000]

Remarks: