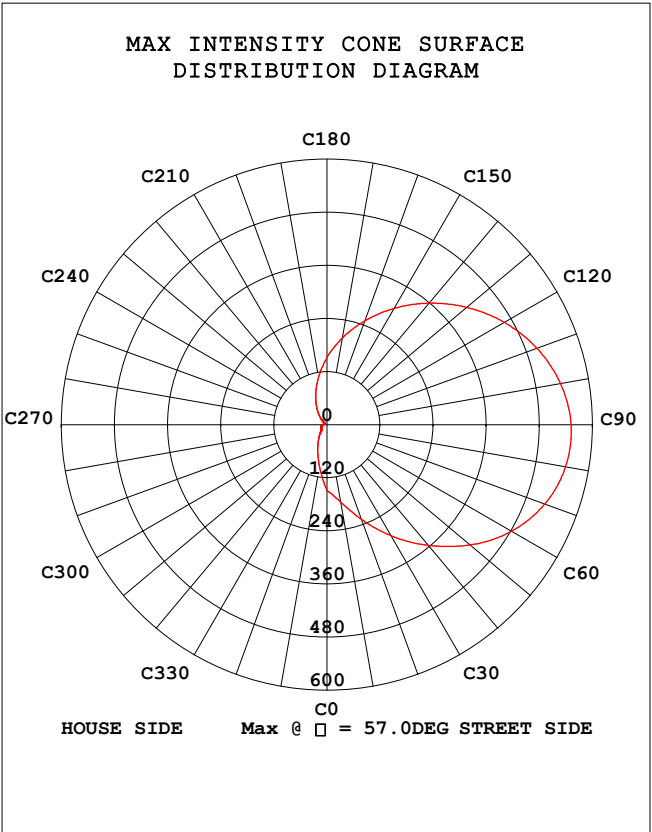
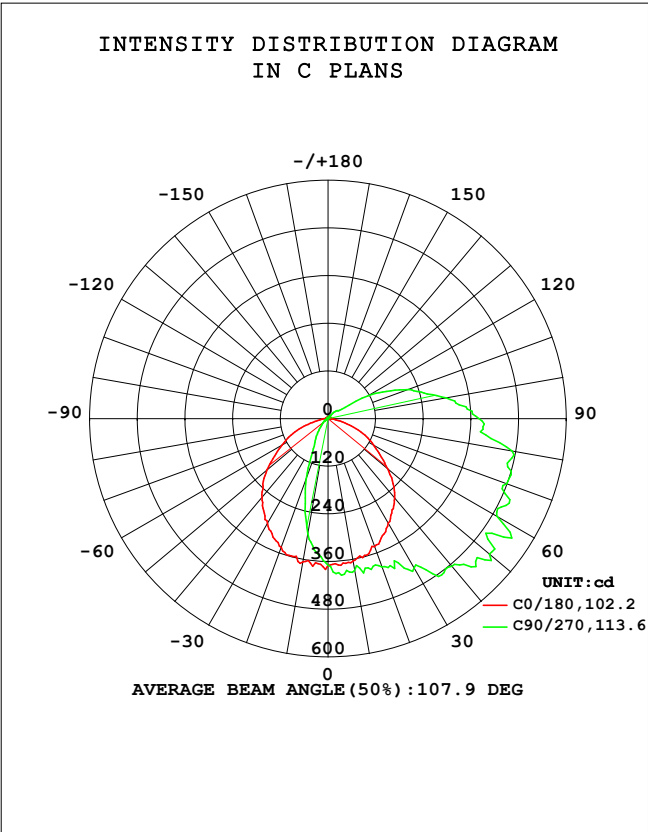


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-WLP01-50A-PC-8EM	Imax(cd)	551.7	☐ street_up(%)	15.2
NOMINAL POWER(W)	8	LOR(%)	100.0	☐ street_down(%)	69.2
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1506	☐ house_up(%)	0.7
NOMINAL FLUX(lm)	1506.02	MAXIMUM @ (C, ☐)	90,57.0	☐ house_down(%)	14.9
LAMPS INSIDE	1	☐ up(%)	15.9	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	☐ down(%)	84.1	SLI	17.517

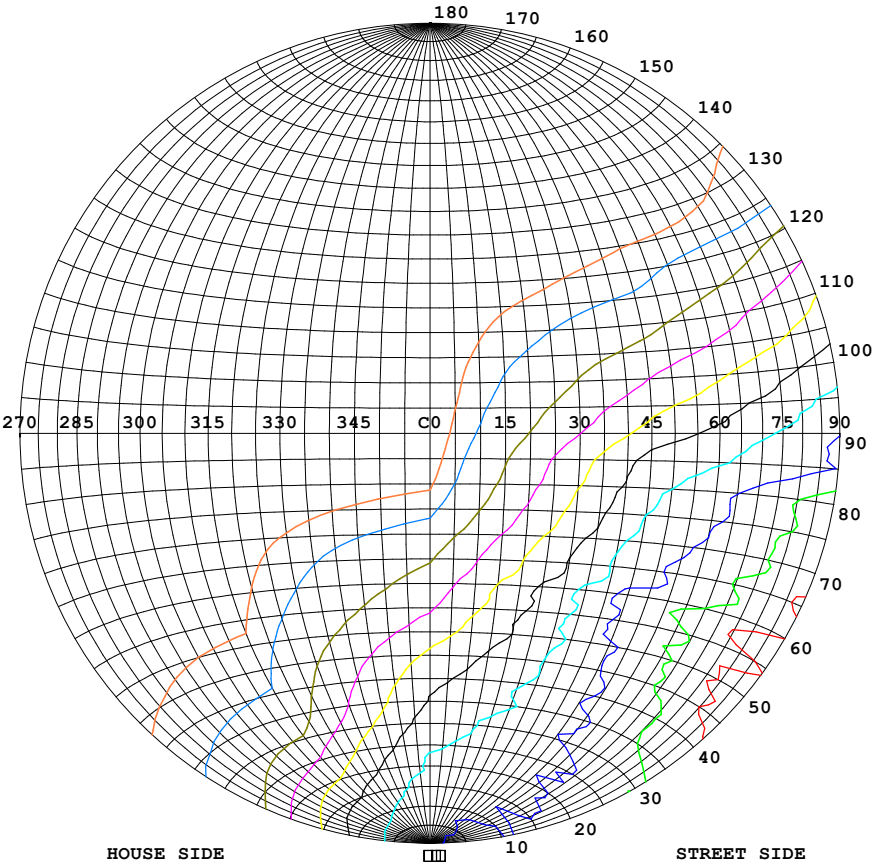


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-17

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



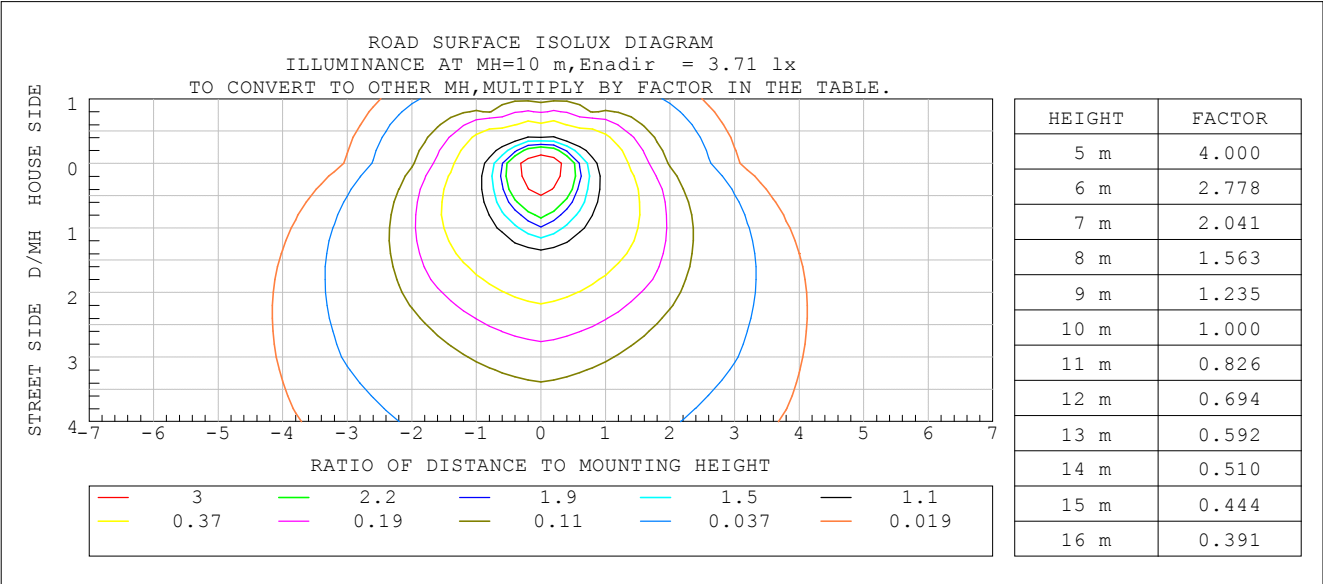
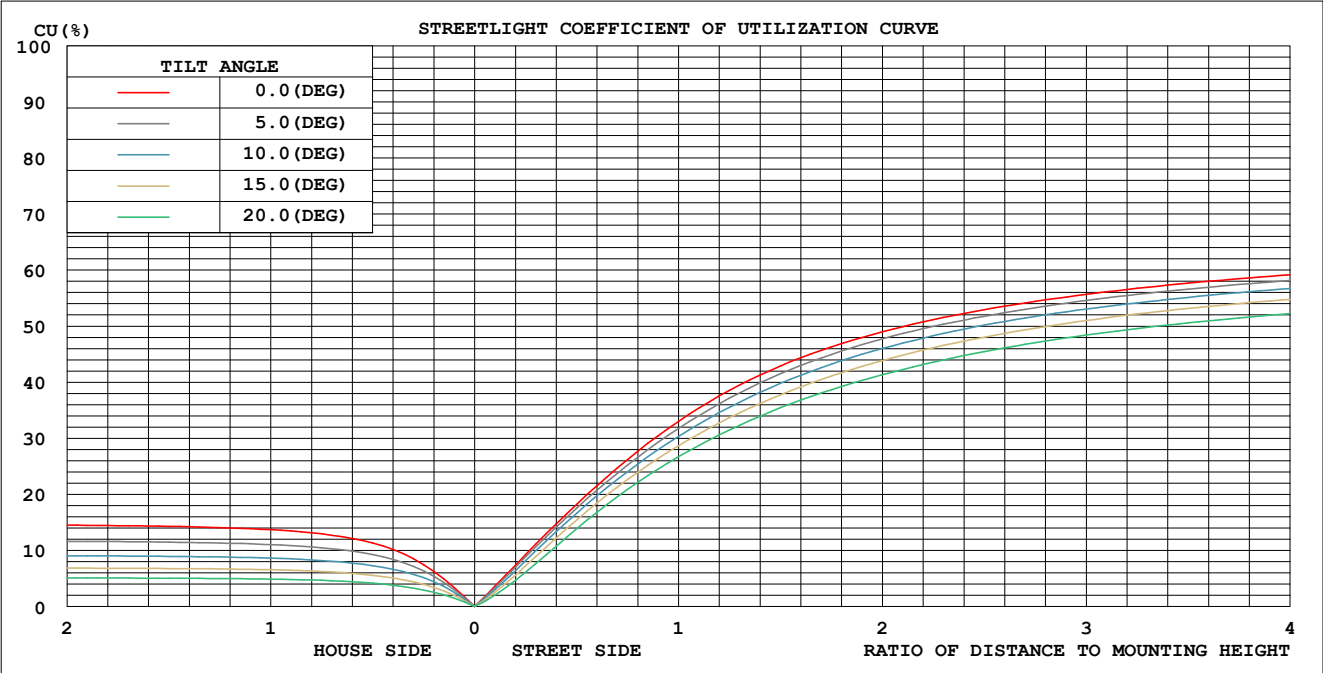
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:312.5cd/klm
Max.At90:252.8cd/klm
Max.80-90:312.5cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	552
90%	497
80%	441
70%	386
60%	331
50%	276
40%	221
30%	166
20%	110
10%	55
5%	28

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-17

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [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:2025-05-17

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

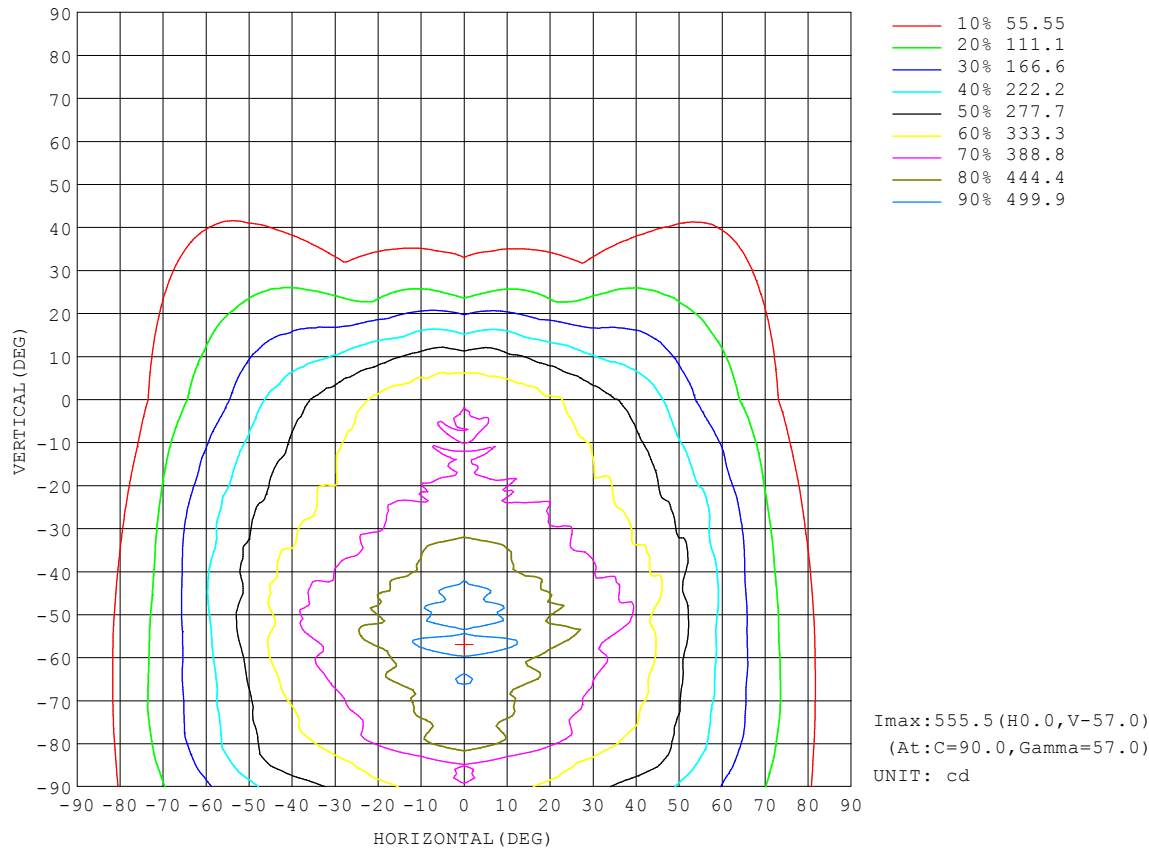
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	364.0	379.3	388.3	374.3	365.9	315.8	294.8	319.1	0- 10	34.46	34.46	2.29,2.29
20	343.1	375.6	396.9	374.9	345.4	224.0	160.5	222.4	10- 20	92.68	127.1	8.44,8.44
30	303.5	383.3	434.3	379.1	305.2	117.8	64.96	117.1	20- 30	130.0	257.1	17.1,17.1
40	261.5	377.9	485.5	374.5	259.3	59.40	33.91	58.31	30- 40	156.2	413.3	27.4,27.4
50	195.7	377.0	530.9	375.0	201.5	32.44	17.34	32.59	40- 50	178.3	591.6	39.3,39.3
60	132.6	399.6	490.5	387.6	134.5	16.30	9.569	16.09	50- 60	190.0	781.6	51.9,51.9
70	75.27	350.3	478.4	354.1	77.62	7.216	1.831	7.515	60- 70	182.0	963.6	64,64
80	23.58	312.5	470.7	309.9	24.23	3.156	2.319	3.315	70- 80	164.0	1128	74.9,74.9
90	7.007	243.3	380.7	236.3	7.029	2.830	2.774	2.808	80- 90	138.7	1266	84.1,84.1
100	5.037	165.1	302.2	163.9	4.920	2.844	3.151	2.729	90-100	104.5	1371	91,91
110	5.248	93.18	216.4	93.32	6.085	2.899	3.413	2.701	100-110	70.25	1441	95.7,95.7
120	5.164	39.09	115.3	39.63	5.665	2.969	3.412	2.687	110-120	39.10	1480	98.3,98.3
130	4.124	17.59	32.24	17.85	4.667	3.006	3.306	2.692	120-130	14.61	1495	99.2,99.2
140	3.091	7.711	14.31	7.557	3.505	3.029	3.136	2.692	130-140	6.372	1501	99.7,99.7
150	2.356	4.120	5.823	3.749	2.771	2.992	3.035	2.701	140-150	2.730	1504	99.9,99.9
160	2.126	2.315	3.045	2.010	2.453	2.830	2.837	2.604	150-160	1.365	1505	99.9,99.9
170	2.276	1.785	1.688	1.573	2.495	2.553	2.506	2.401	160-170	0.6551	1506	100,100
180	2.491	2.183	1.987	2.017	2.491	2.187	2.010	2.035	170-180	0.2059	1506	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:2025-05-17

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:8.340m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

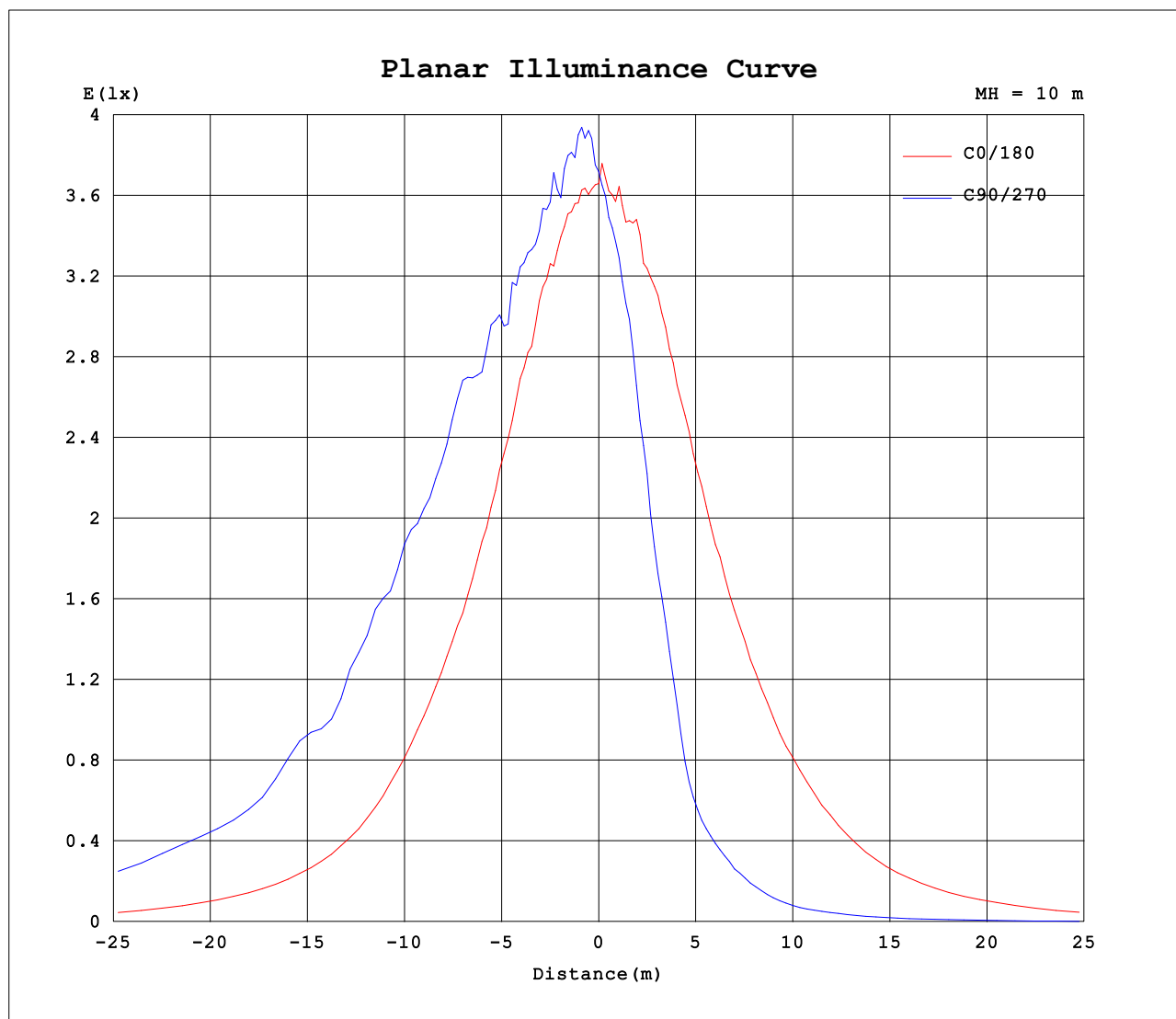
Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-17

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [K=1.0000]
Remarks:

Planar Illuminance Curve



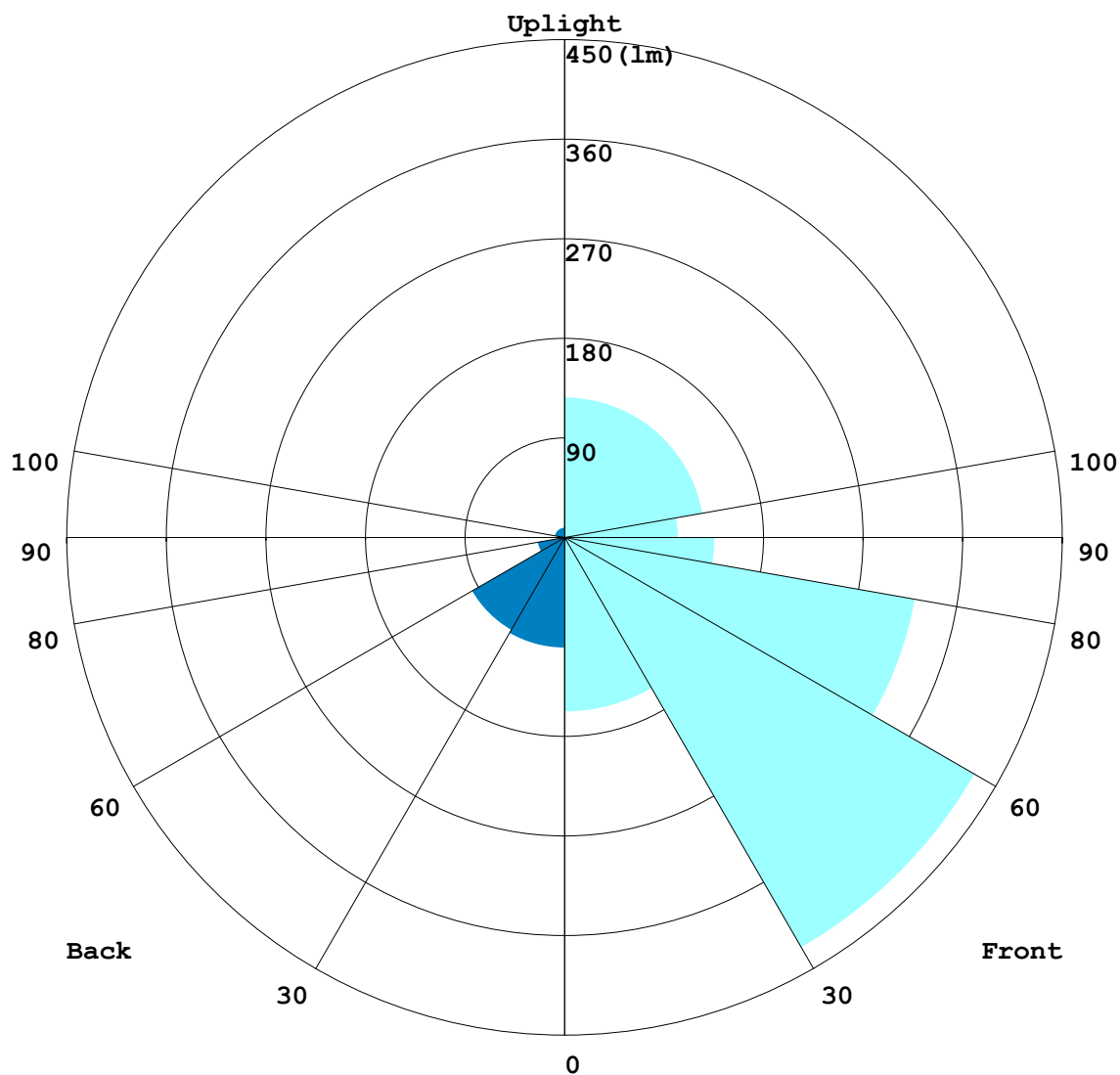
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu-1
Test Date: 2025-05-17

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 56%
Test Distance: 8.340m [K=1.0000]
Remarks:

LCS REPORT

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	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:2025-05-17

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [K=1.0000]
Remarks:

BUG REPORT

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	157.48	10.5
FM - Front-Medium(30-60)	427.93	28.4
FH - Front-High(60-80)	321.49	21.3
FVH - Front-Very High(80-90)	135.67	9.0
Total Forward Light	1271.7	84.4

BL - Back-Low(0-30)	99.657	6.6
BM - Back-Medium(30-60)	96.5	6.4
BH - Back-High(60-80)	24.489	1.6
BVH - Back-Very High(80-90)	3.0393	0.2
Total Back Light	234.28	15.6

UL - Uplight-Low(90-100)	104.49	6.9
UH - Uplight-High(100-180)	135.28	9.0
Total Up Light	239.78	15.9

BUG(Back,Up,Glare) Rating	B0-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	223.69	10.595	234.28
Street Side	1042.6	229.18	1271.7

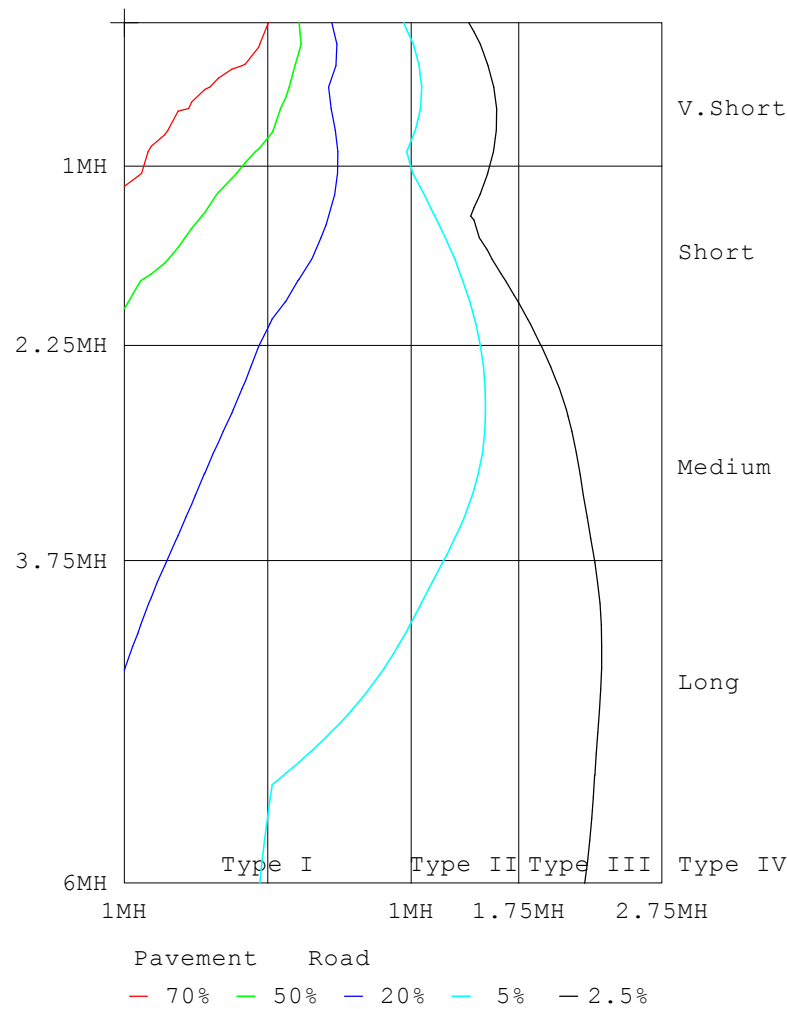
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2025-05-17

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:8.340m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-17

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:8.340m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:1506.02x1 lm		
NAME: ASD-WLP01-50A-PC-8EM	TYPE:	WEIGHT:
SPEC.:8W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	45	90	135	180	225	270	315										
0	369	369	369	369	369	369	369	369										
5	370	384	396	384	364	341	339	340										
10	364	379	388	374	366	316	295	319										
15	357	370	389	381	358	280	223	274										
20	343	376	397	375	345	224	160	222										
25	325	377	395	375	329	173	92.4	170										
30	303	383	434	379	305	118	65.0	117										
35	281	366	485	357	283	78.7	47.5	77.8										
40	262	378	485	375	259	59.4	33.9	58.3										
45	232	382	526	375	233	44.7	22.8	44.8										
50	196	377	531	375	202	32.4	17.3	32.6										
55	161	393	504	395	165	23.1	12.5	22.9										
60	133	400	490	388	134	16.3	9.57	16.1										
65	107	364	503	367	108	11.1	6.36	11.2										
70	75.3	350	478	354	77.6	7.22	1.83	7.51										
75	45.3	330	468	326	46.3	4.05	2.06	4.29										
80	23.6	313	471	310	24.2	3.16	2.32	3.31										
85	12.3	295	385	294	13.1	2.93	2.55	2.97										
90	7.01	243	381	236	7.03	2.83	2.77	2.81										
95	5.19	203	349	199	5.18	2.82	2.99	2.75										
100	5.04	165	302	164	4.92	2.84	3.15	2.73										
105	5.20	127	251	127	5.51	2.90	3.30	2.71										
110	5.25	93.2	216	93.3	6.08	2.90	3.41	2.70										
115	5.28	62.1	162	62.7	6.13	2.94	3.47	2.68										
120	5.16	39.1	115	39.6	5.66	2.97	3.41	2.69										
125	4.69	26.5	41.7	27.0	5.16	2.98	3.40	2.69										
130	4.12	17.6	32.2	17.8	4.67	3.01	3.31	2.69										
135	3.58	10.9	26.1	11.0	4.06	3.03	3.24	2.69										
140	3.09	7.71	14.3	7.56	3.50	3.03	3.14	2.69										
145	2.67	5.44	8.92	5.11	3.08	3.02	3.09	2.70										
150	2.36	4.12	5.82	3.75	2.77	2.99	3.04	2.70										
155	2.19	3.27	3.60	2.95	2.55	2.93	2.95	2.66										
160	2.13	2.32	3.04	2.01	2.45	2.83	2.84	2.60										
165	2.14	1.87	2.13	1.60	2.47	2.70	2.69	2.52										
170	2.28	1.79	1.69	1.57	2.50	2.55	2.51	2.40										
175	2.41	2.00	1.70	1.83	2.50	2.39	2.25	2.24										
180	2.49	2.18	1.99	2.02	2.49	2.19	2.01	2.04										

C Range: 0 - 360DEG

C Interval: 45.0DEG

Test Speed: HIGH

Temperature:27DEG

Operators:lianghaizhu-1

Test Date:2025-05-17

□ Range: 0 - 180DEG

□ Interval: 1.0DEG

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

Humidity:56%

Test Distance:8.340m [K=1.0000]

Remarks: