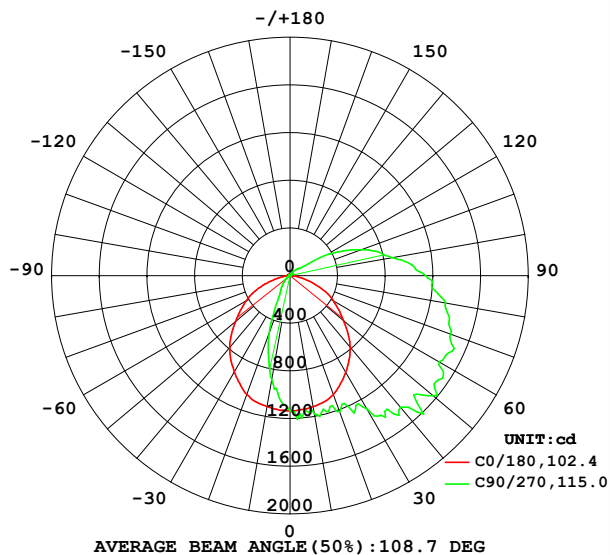
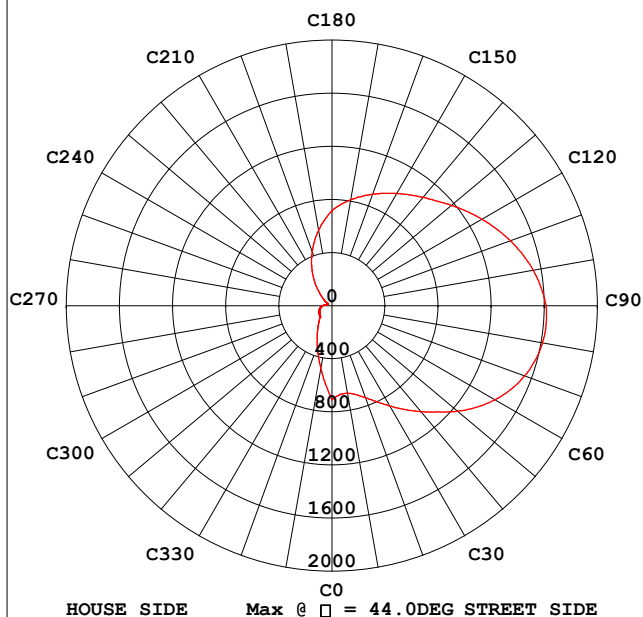


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-WLP01-120A-PC-25EM	Imax(cd)	1613	☐ street_up(%)	15.2
NOMINAL POWER(W)	25	LOR(%)	100.0	☐ street_down(%)	68.7
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4480	☐ house_up(%)	0.8
NOMINAL FLUX(lm)	4480.25	MAXIMUM @ (C, $\square$)	90,44.0	☐ house_down(%)	15.3
LAMPS INSIDE	1	☐ up(%)	16.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	☐ down(%)	84.0	SLI	19.176

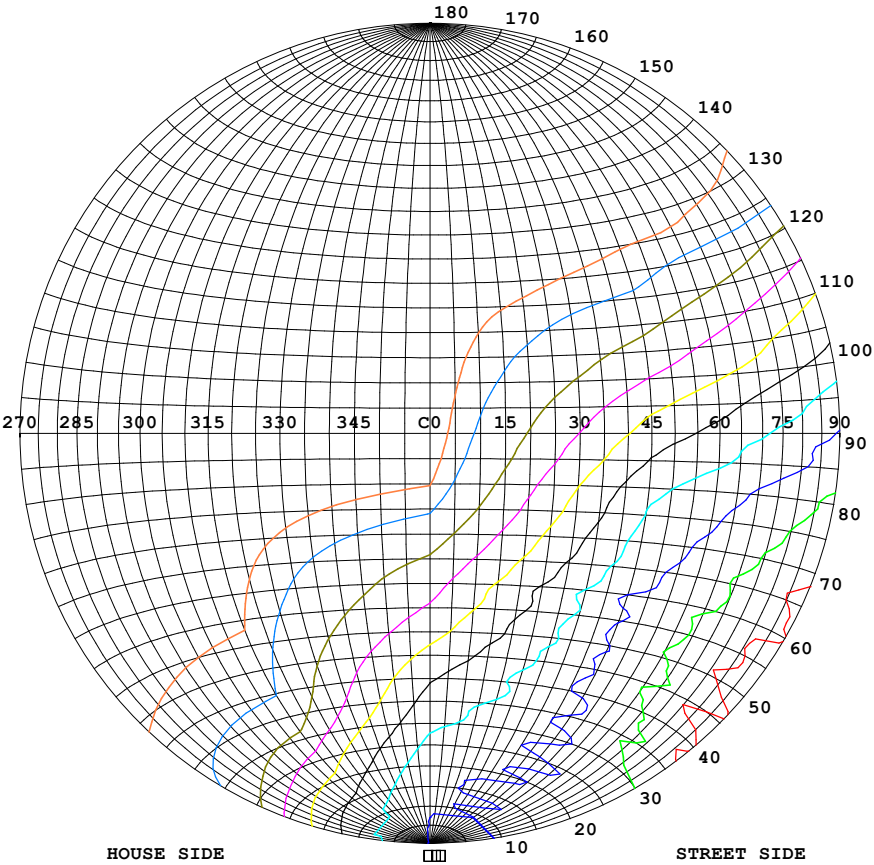
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

$\square$ Range: 0 - 180DEG
 $\square$ 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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



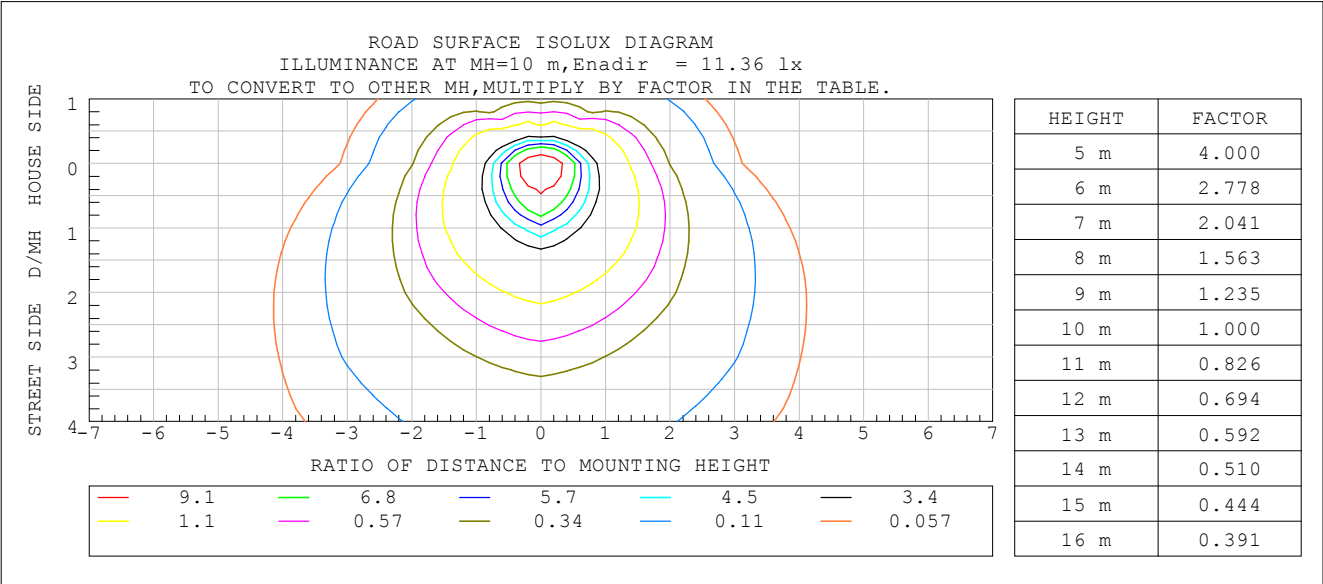
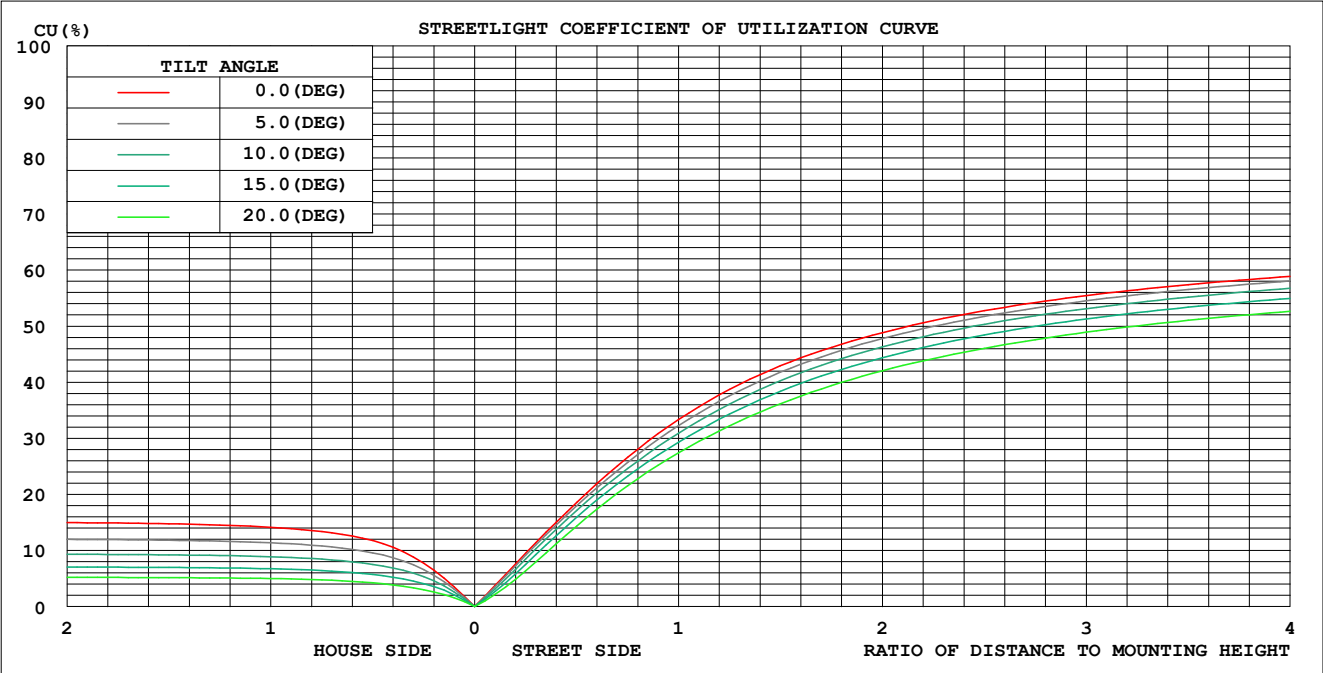
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:296.0cd/klm
Max.At90:254.1cd/klm
Max.80-90:296.0cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1613
90%	1451
80%	1290
70%	1129
60%	968
50%	806
40%	645
30%	484
20%	323
10%	161
5%	81

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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

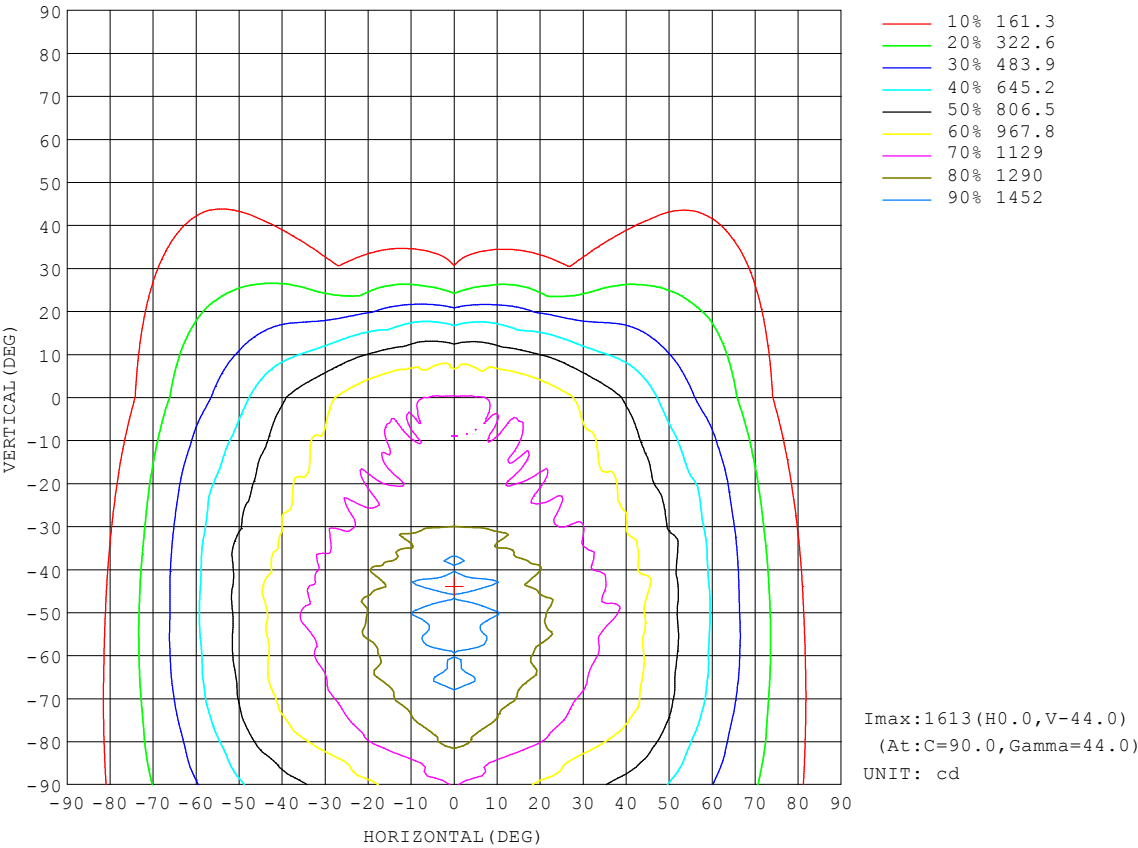
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	1117	1137	1180	1134	1115	946.3	886.5	956.8	0- 10	104.6	104.6	2.33,2.33
20	1065	1116	1218	1139	1063	699.5	516.8	692.4	10- 20	283.6	388.2	8.66,8.66
30	935.1	1096	1291	1093	934.3	378.4	167.7	378.4	20- 30	396.3	784.5	17.5,17.5
40	786.4	1162	1441	1136	788.7	158.7	99.93	158.0	30- 40	470.2	1255	28,28
50	587.2	1124	1566	1123	597.7	94.84	50.95	95.56	40- 50	530.8	1786	39.9,39.9
60	419.9	1128	1445	1112	427.2	50.86	26.97	51.81	50- 60	556.0	2342	52.3,52.3
70	236.6	1018	1435	1003	243.2	22.92	5.432	23.06	60- 70	536.2	2878	64.2,64.2
80	76.30	920.6	1326	906.5	75.79	11.44	6.926	11.32	70- 80	481.3	3359	75,75
90	26.55	715.2	1138	703.8	24.75	9.683	8.287	9.221	80- 90	403.8	3763	84,84
100	21.92	487.0	876.9	480.4	21.50	9.162	9.382	8.481	90-100	312.2	4075	91,91
110	20.80	284.1	641.0	283.2	22.01	8.926	10.07	8.135	100-110	211.2	4286	95.7,95.7
120	17.35	114.9	339.3	114.2	19.13	8.972	10.18	8.117	110-120	117.3	4404	98.3,98.3
130	13.10	51.15	93.66	50.53	14.85	9.102	9.934	8.200	120-130	42.96	4447	99.2,99.2
140	9.516	24.34	39.76	23.82	11.44	9.069	9.494	8.117	130-140	18.53	4465	99.7,99.7
150	7.224	12.73	18.53	12.01	8.797	8.972	9.110	8.117	140-150	8.304	4473	99.8,99.8
160	6.386	7.232	9.187	6.408	7.462	8.537	8.665	7.890	150-160	4.209	4478	99.9,99.9
170	6.913	5.408	5.107	4.778	7.485	7.757	7.697	7.309	160-170	1.995	4480	100,100
180	7.421	6.669	6.162	6.272	7.453	6.683	6.180	6.272	170-180	0.6271	4480	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

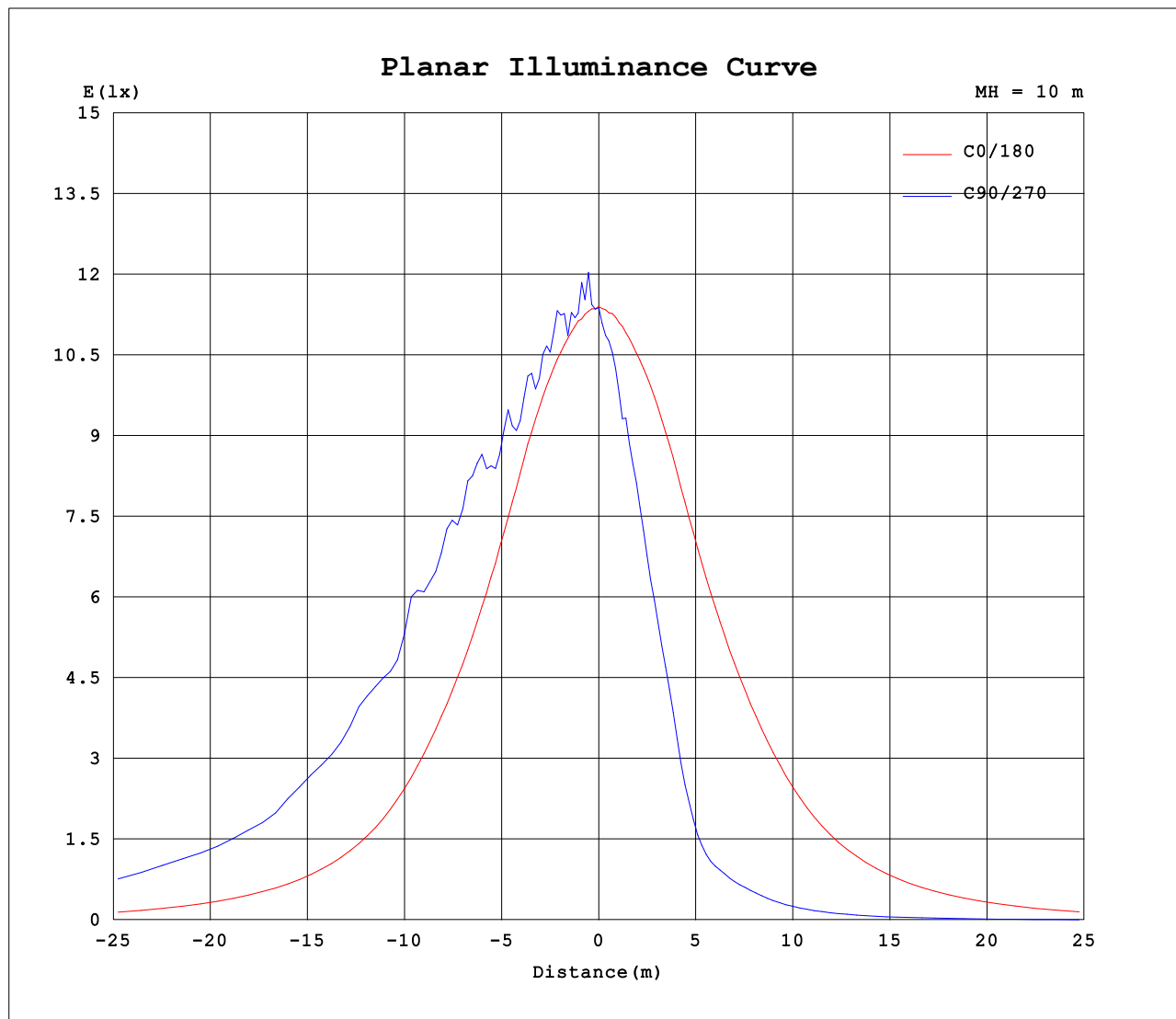
Test:U:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



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



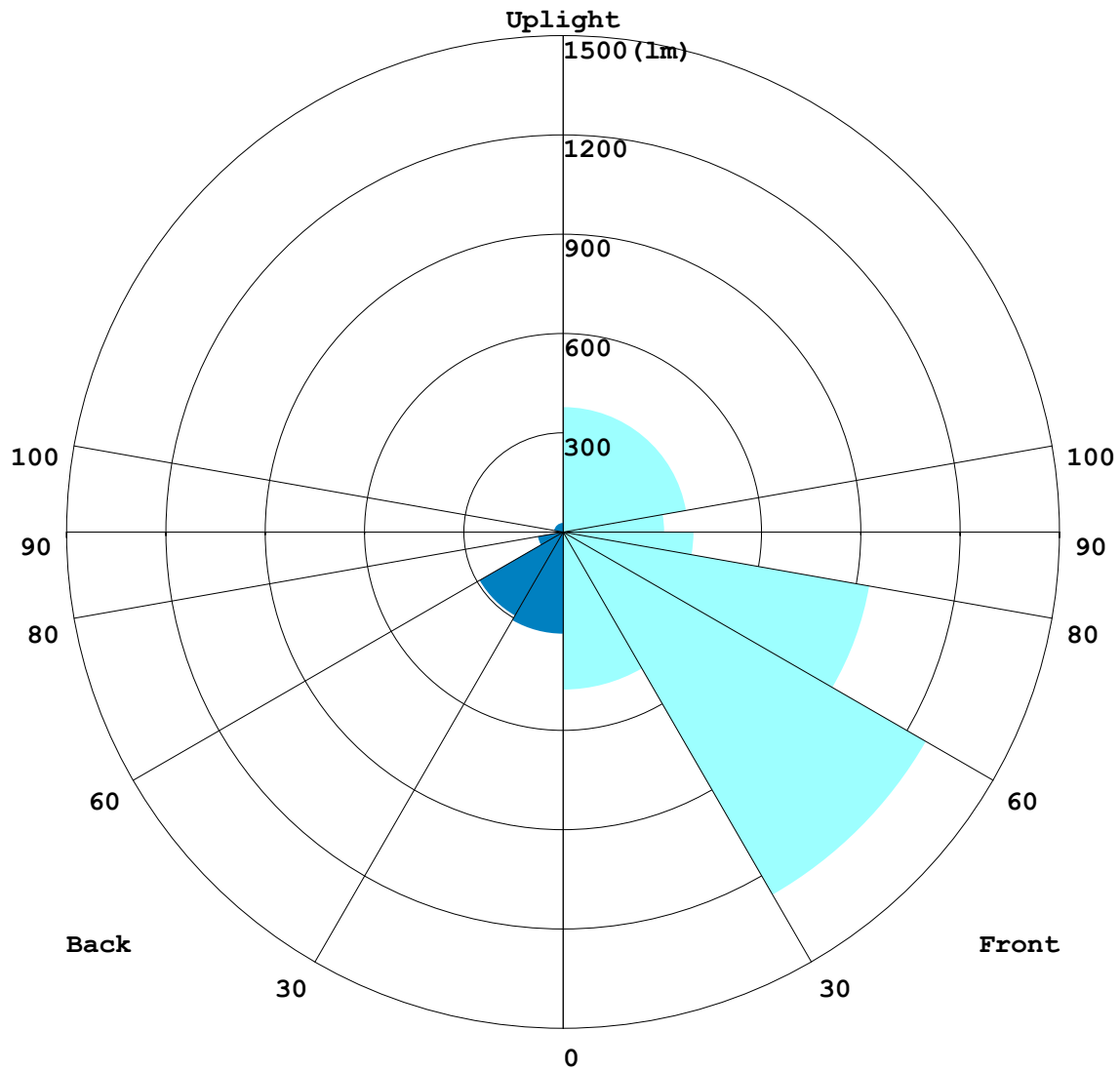
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu-1
Test Date: 2025-05-17

☐ 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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-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)	476.52	10.6
FM - Front-Medium(30-60)	1265.9	28.3
FH - Front-High(60-80)	939.71	21.0
FVH - Front-Very High(80-90)	394.03	8.8
Total Forward Light	3759.3	83.9

BL - Back-Low(0-30)	307.96	6.9
BM - Back-Medium(30-60)	291.12	6.5
BH - Back-High(60-80)	77.811	1.7
BVH - Back-Very High(80-90)	9.7966	0.2
Total Back Light	720.93	16.1

UL - Uplight-Low(90-100)	312.25	7.0
UH - Uplight-High(100-180)	405.15	9.0
Total Up Light	717.4	16.0

BUG(Back,Up,Glare) Rating	B1-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	686.69	34.248	720.93
Street Side	3076.2	683.15	3759.3

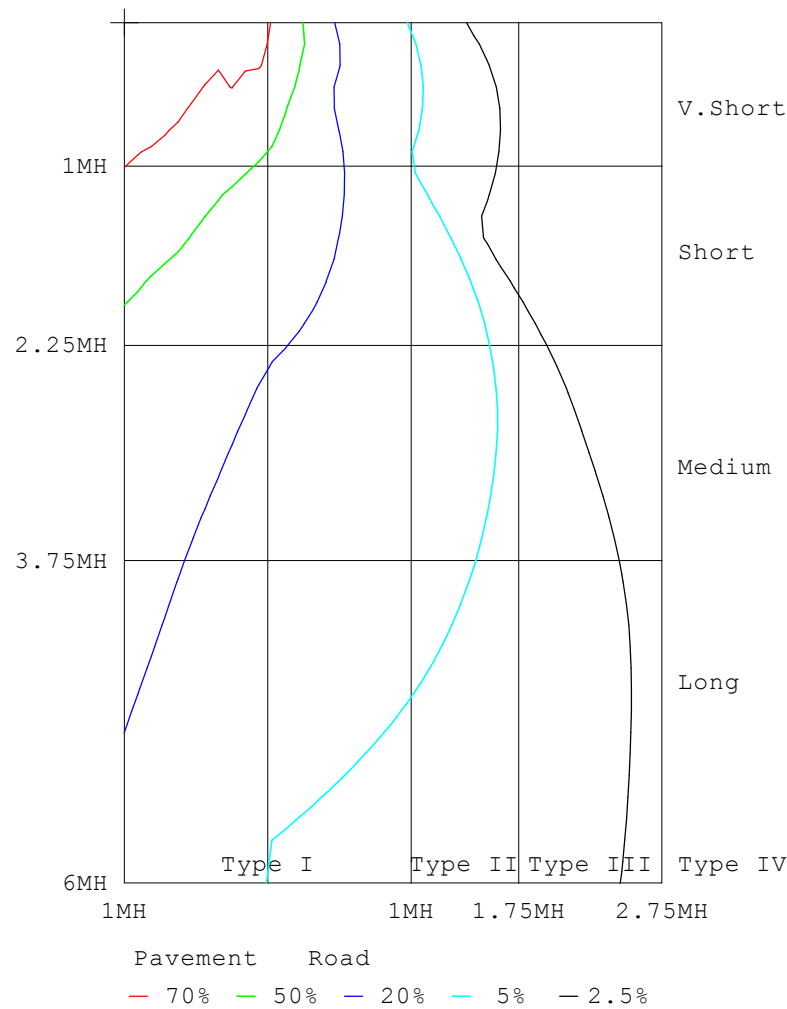
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2025-05-17

☐ 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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-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:0.0979V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:4480.25x1 lm		
NAME: ASD-WLP01-120A-PC-25EM	TYPE:	WEIGHT:
SPEC.:25W-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	1138	1138	1138	1138	1138	1138	1138	1138										
5	1128	1186	1198	1208	1131	1067	1037	1069										
10	1117	1137	1180	1134	1115	946	886	957										
15	1099	1171	1183	1178	1099	852	702	842										
20	1065	1116	1218	1139	1063	699	517	692										
25	1003	1108	1273	1099	1001	548	294	548										
30	935	1096	1291	1093	934	378	168	378										
35	864	1136	1390	1148	866	234	130	230										
40	786	1162	1441	1136	789	159	99.9	158										
45	690	1136	1507	1114	697	124	71.4	124										
50	587	1124	1566	1123	598	94.8	50.9	95.6										
55	498	1119	1523	1113	508	70.7	35.7	71.8										
60	420	1128	1445	1112	427	50.9	27.0	51.8										
65	336	1055	1502	1044	342	35.1	16.7	35.7										
70	237	1018	1435	1003	243	22.9	5.43	23.1										
75	145	968	1384	954	146	13.8	6.18	13.9										
80	76.3	921	1326	907	75.8	11.4	6.93	11.3										
85	42.4	814	1199	799	40.7	10.4	7.64	10.02										
90	26.5	715	1138	704	24.8	9.68	8.29	9.22										
95	22.0	609	1029	595	20.7	9.36	8.87	8.79										
100	21.9	487	877	480	21.5	9.16	9.38	8.48										
105	21.8	384	772	382	22.1	9.00	9.76	8.24										
110	20.8	284	641	283	22.0	8.93	10.1	8.14										
115	19.3	187	493	185	21.1	8.92	10.3	8.11										
120	17.3	115	339	114	19.1	8.97	10.2	8.12										
125	15.2	76.8	128	76.4	16.8	9.04	10.1	8.19										
130	13.1	51.1	93.7	50.5	14.9	9.10	9.93	8.20										
135	11.2	31.4	73.1	31.1	13.2	9.11	9.72	8.17										
140	9.52	24.3	39.8	23.8	11.4	9.07	9.49	8.12										
145	8.19	17.0	24.5	16.4	9.94	9.02	9.29	8.12										
150	7.22	12.7	18.5	12.0	8.80	8.97	9.11	8.12										
155	6.63	10.0	11.3	9.22	7.98	8.80	8.96	8.05										
160	6.39	7.23	9.19	6.41	7.46	8.54	8.66	7.89										
165	6.51	5.70	6.45	4.96	7.38	8.20	8.24	7.66										
170	6.91	5.41	5.11	4.78	7.49	7.76	7.70	7.31										
175	7.25	6.05	5.28	5.59	7.48	7.24	6.97	6.84										
180	7.42	6.67	6.16	6.27	7.45	6.68	6.18	6.27										

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: