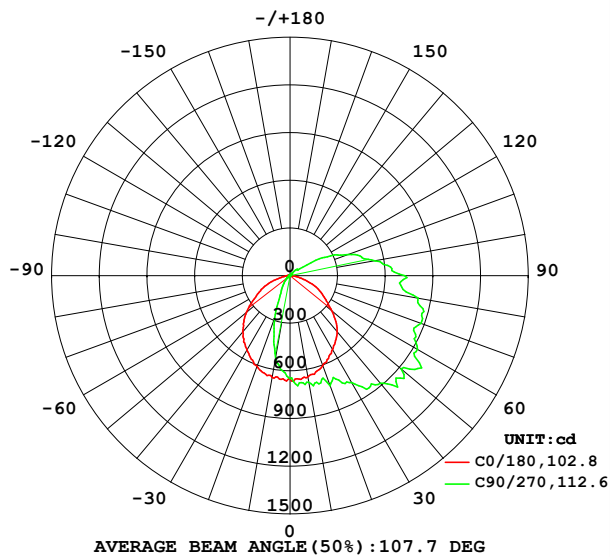
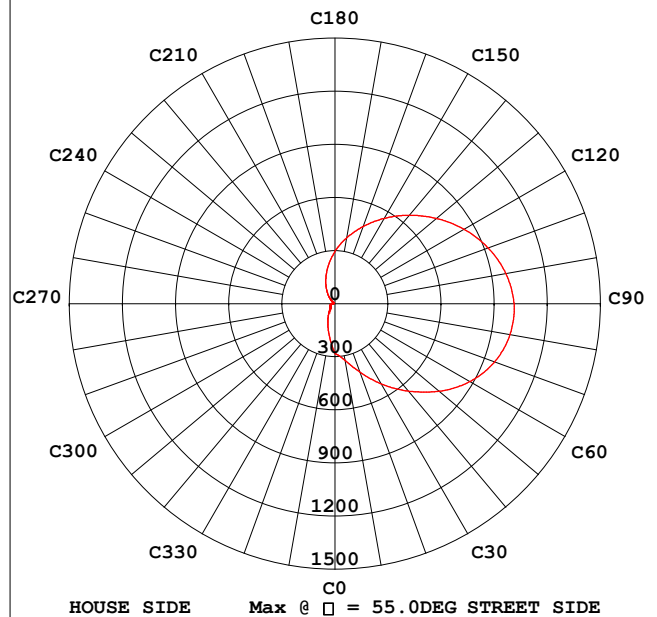


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-WLP01-80A-PC-15EM	Imax(cd)	1012	☐ street_up(%)	15.5
NOMINAL POWER(W)	15	LOR(%)	100.0	☐ street_down(%)	69.0
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2703	☐ house_up(%)	0.7
NOMINAL FLUX(lm)	2702.53	MAXIMUM @ (C, $\square$)	90,55.0	☐ house_down(%)	14.7
LAMPS INSIDE	1	☐ up(%)	16.2	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	☐ down(%)	83.8	SLI	18.491

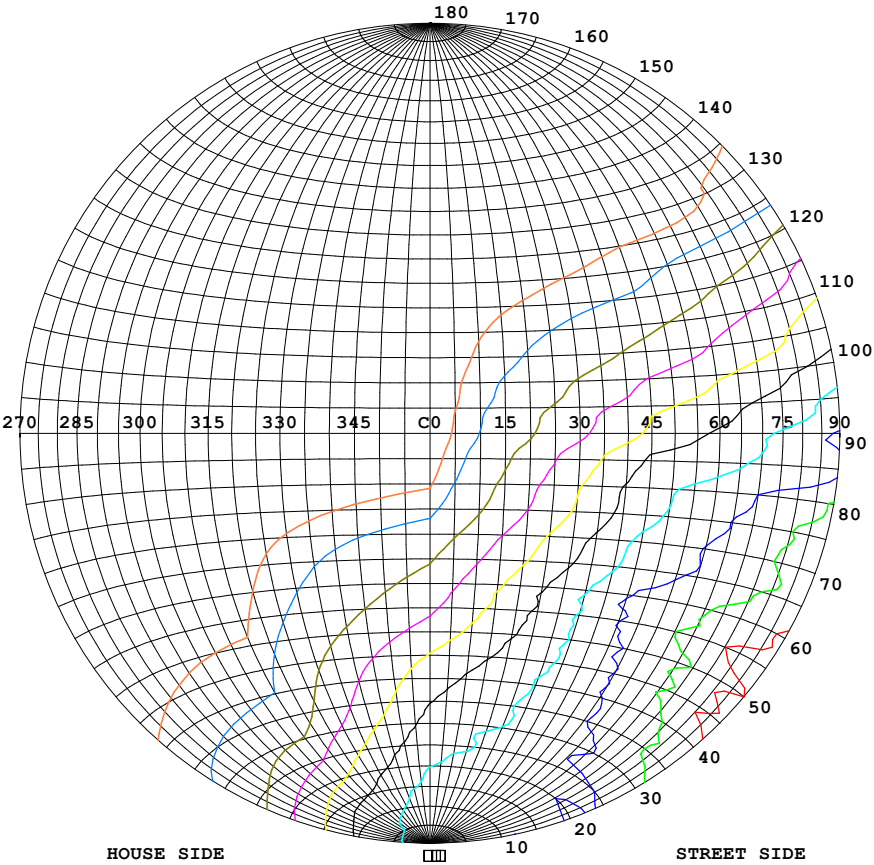
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



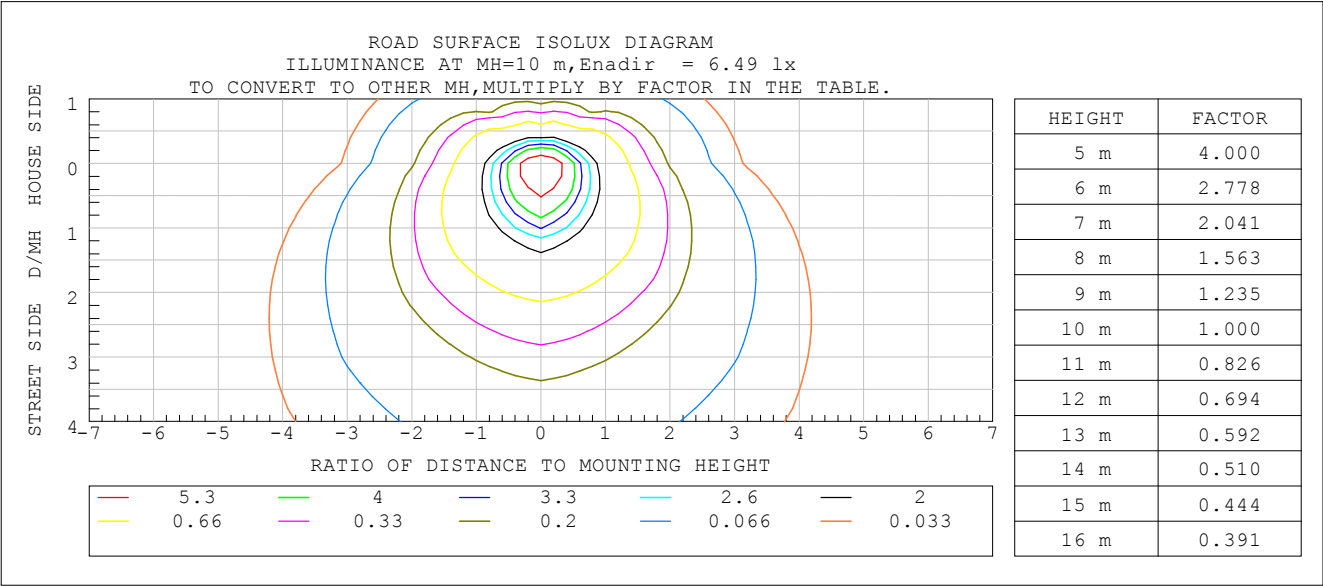
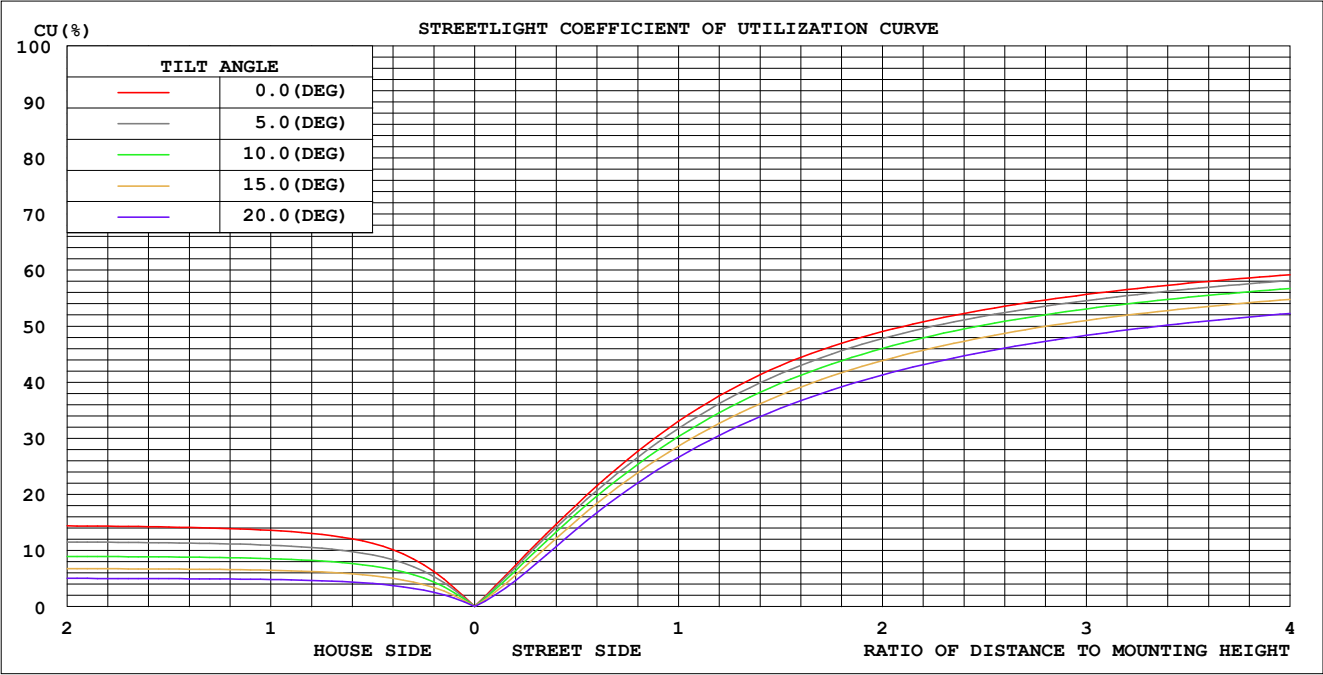
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:303.2cd/klm
Max.At90:267.1cd/klm
Max.80-90:303.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	1012
90%	911
80%	810
70%	708
60%	607
50%	506
40%	405
30%	304
20%	202
10%	101
5%	51

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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:

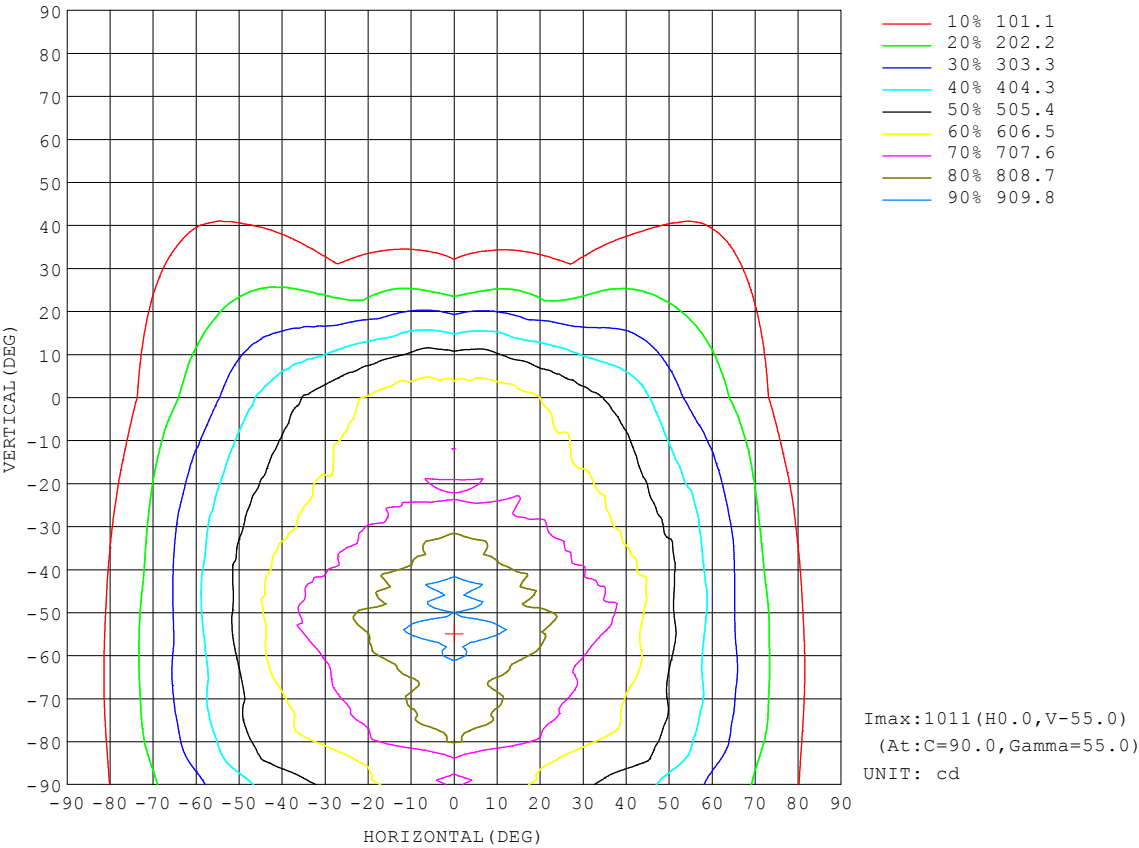
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	ℓlum,lamp
10	649.2	679.5	681.0	666.9	651.1	560.6	525.6	563.8	0- 10	61.17	61.17	2.26,2.26
20	603.4	667.5	739.1	672.4	608.1	398.2	284.4	390.9	10- 20	165.1	226.3	8.37,8.37
30	536.4	664.9	778.0	685.3	542.8	211.7	111.3	209.7	20- 30	231.4	457.8	16.9,16.9
40	462.2	682.4	884.2	669.3	463.7	102.5	57.48	102.5	30- 40	279.8	737.6	27.3,27.3
50	342.1	688.3	912.1	692.7	359.6	56.41	28.96	56.99	40- 50	320.8	1058	39.2,39.2
60	234.9	701.6	926.8	691.6	237.4	27.97	15.53	27.78	50- 60	341.2	1400	51.8,51.8
70	136.7	628.6	877.2	627.1	139.7	12.33	3.283	12.55	60- 70	325.1	1725	63.8,63.8
80	44.62	571.3	819.4	566.4	44.91	5.755	4.216	5.974	70- 80	293.7	2018	74.7,74.7
90	11.48	422.8	721.9	420.5	11.28	5.111	5.009	5.016	80- 90	246.0	2264	83.8,83.8
100	8.699	306.4	544.7	307.9	8.434	5.114	5.698	4.858	90-100	190.7	2455	90.8,90.8
110	9.604	170.9	391.2	174.2	10.80	5.207	6.167	4.806	100-110	128.3	2583	95.6,95.6
120	9.343	71.99	215.4	73.66	10.47	5.346	6.212	4.844	110-120	71.36	2655	98.2,98.2
130	7.447	32.48	60.66	32.10	8.631	5.420	6.035	4.913	120-130	27.03	2682	99.2,99.2
140	5.555	14.92	25.95	14.79	6.439	5.429	5.720	4.895	130-140	11.83	2694	99.7,99.7
150	4.218	7.260	11.37	6.687	5.015	5.364	5.488	4.848	140-150	5.024	2699	99.9,99.9
160	3.769	4.082	5.255	3.565	4.331	5.073	5.141	4.668	150-160	2.442	2701	99.9,99.9
170	4.063	3.185	2.990	2.778	4.382	4.573	4.514	4.273	160-170	1.166	2702	100,100
180	4.373	3.930	3.588	3.659	4.382	3.939	3.616	3.659	170-180	0.3678	2703	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

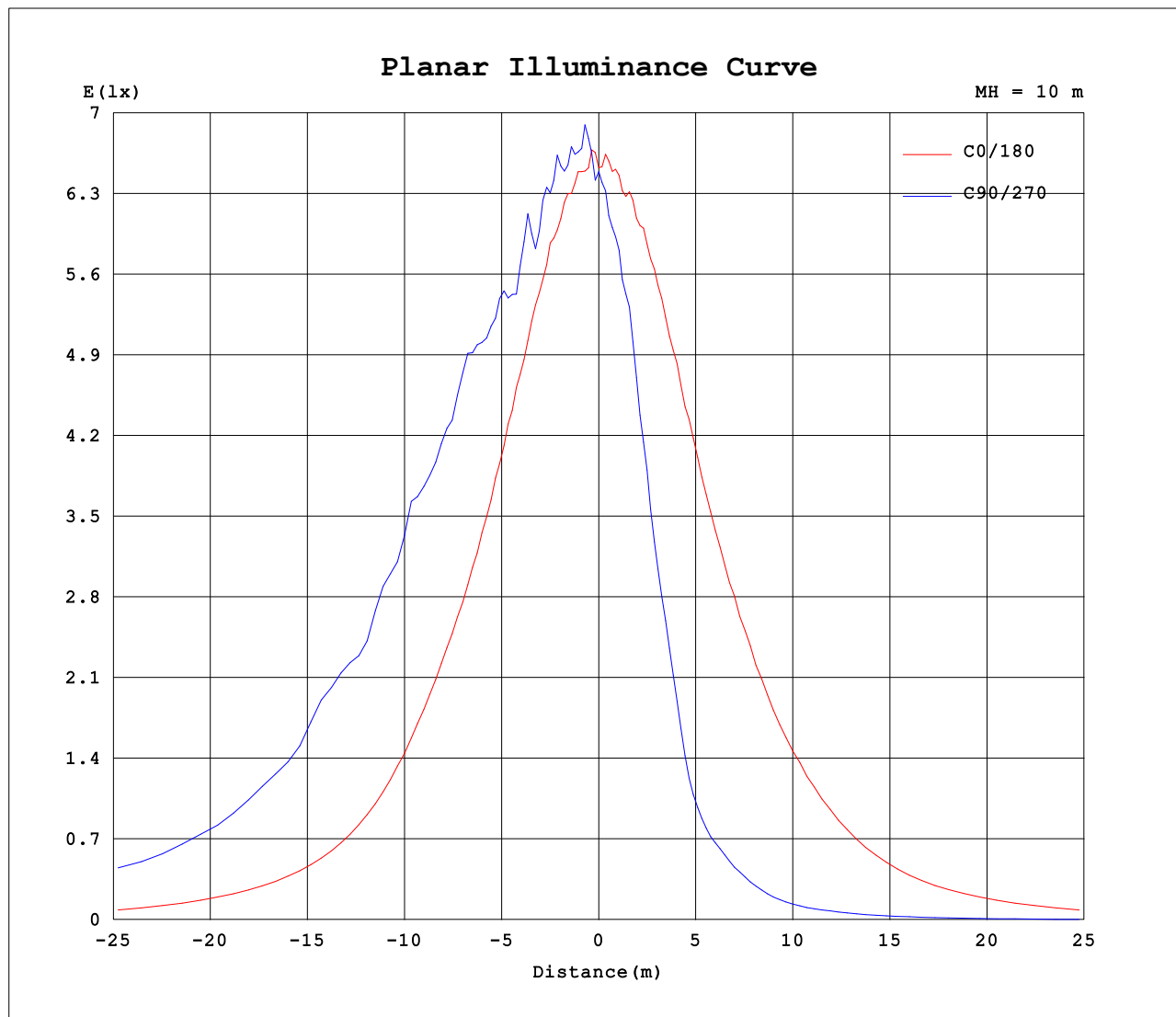
Test:U:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.28*0.17	Shielding Angle:



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



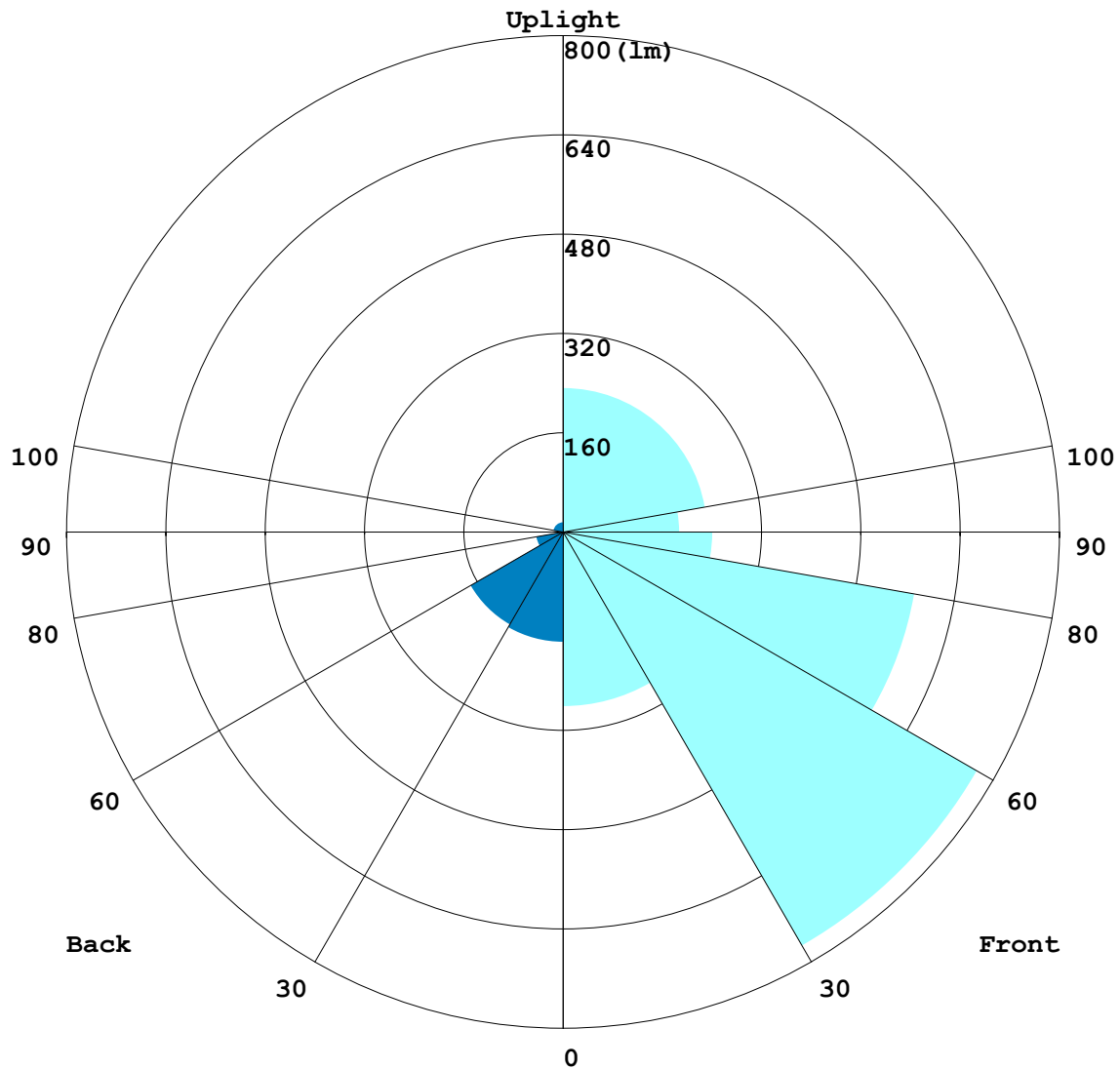
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu-1
Test Date: 2025-05-17

☐ 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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-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)	280.84	10.4
FM - Front-Medium(30-60)	769.73	28.5
FH - Front-High(60-80)	574.79	21.3
FVH - Front-Very High(80-90)	240.58	8.9
Total Forward Light	2285.1	84.6

BL - Back-Low(0-30)	176.92	6.5
BM - Back-Medium(30-60)	172.05	6.4
BH - Back-High(60-80)	44.019	1.6
BVH - Back-Very High(80-90)	5.4265	0.2
Total Back Light	417.42	15.4

UL - Uplight-Low(90-100)	190.69	7.1
UH - Uplight-High(100-180)	247.48	9.2
Total Up Light	438.17	16.2

BUG(Back,Up,Glare) Rating	B1-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	398.42	19.005	417.42
Street Side	1865.9	419.16	2285.1

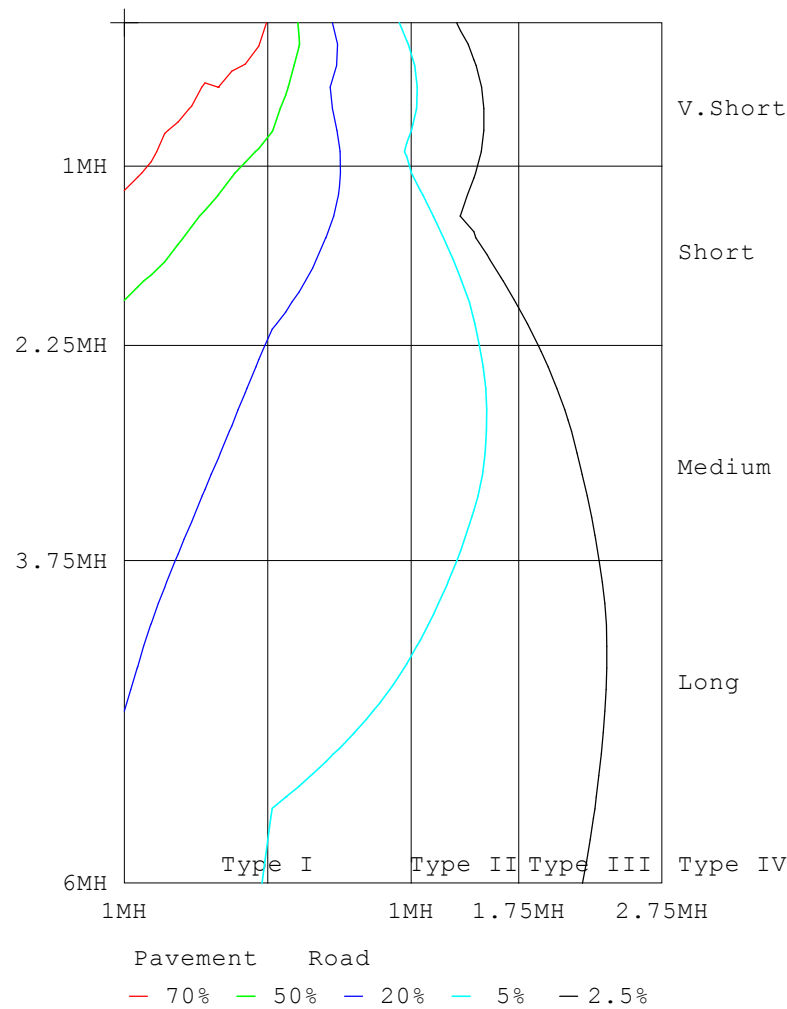
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2025-05-17

☐ 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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-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:0.0945V I:0A P:0W PF:0 Freq:59.98Hz Lamp Flux:2702.53x1 lm		
NAME: ASD-WLP01-80A-PC-15EM	TYPE:	WEIGHT:
SPEC.:15W-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	650	650	650	650	650	650	650	650										
5	654	690	678	686	656	608	600	609										
10	649	679	681	667	651	561	526	564										
15	628	678	706	676	634	494	396	490										
20	603	667	739	672	608	398	284	391										
25	576	652	725	668	581	304	165	299										
30	536	665	778	685	543	212	111	210										
35	500	683	865	670	509	141	83.0	138										
40	462	682	884	669	464	102	57.5	102										
45	407	680	945	680	413	77.7	38.7	78.6										
50	342	688	912	693	360	56.4	29.0	57.0										
55	283	705	1012	701	297	40.1	20.6	39.9										
60	235	702	927	692	237	28.0	15.5	27.8										
65	192	647	873	656	191	18.9	10.2	19.1										
70	137	629	877	627	140	12.3	3.28	12.5										
75	81.7	582	872	579	86.1	7.24	3.76	7.42										
80	44.6	571	819	566	44.9	5.75	4.22	5.97										
85	22.7	521	700	515	22.4	5.39	4.63	5.34										
90	11.5	423	722	420	11.3	5.11	5.01	5.02										
95	8.46	372	636	376	8.18	5.06	5.39	4.88										
100	8.70	306	545	308	8.43	5.11	5.70	4.86										
105	9.33	229	466	234	9.82	5.17	5.94	4.82										
110	9.60	171	391	174	10.8	5.21	6.17	4.81										
115	9.54	113	311	115	11.1	5.24	6.30	4.81										
120	9.34	72.0	215	73.7	10.5	5.35	6.21	4.84										
125	8.53	49.9	78.5	49.3	9.51	5.37	6.15	4.89										
130	7.45	32.5	60.7	32.1	8.63	5.42	6.04	4.91										
135	6.46	20.2	48.7	20.5	7.47	5.42	5.87	4.91										
140	5.56	14.9	25.9	14.8	6.44	5.43	5.72	4.89										
145	4.78	9.79	17.1	9.24	5.64	5.42	5.59	4.87										
150	4.22	7.26	11.4	6.69	5.02	5.36	5.49	4.85										
155	3.89	5.67	6.41	5.06	4.54	5.24	5.36	4.78										
160	3.77	4.08	5.26	3.57	4.33	5.07	5.14	4.67										
165	3.85	3.31	3.73	2.84	4.35	4.84	4.87	4.49										
170	4.06	3.18	2.99	2.78	4.38	4.57	4.51	4.27										
175	4.26	3.56	3.06	3.25	4.38	4.27	4.08	3.99										
180	4.37	3.93	3.59	3.66	4.38	3.94	3.62	3.66										

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: