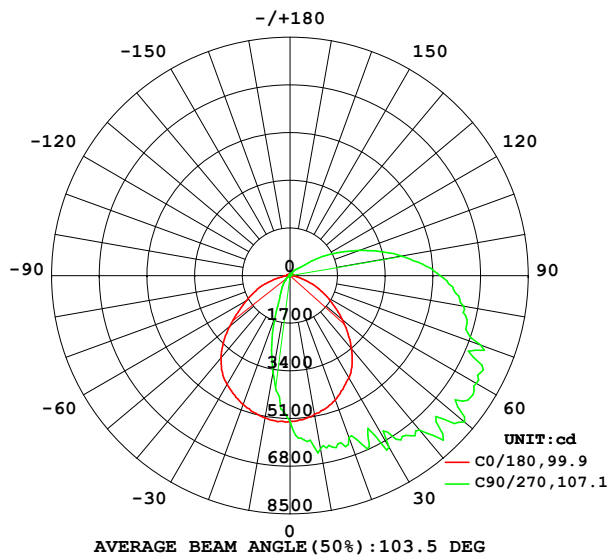
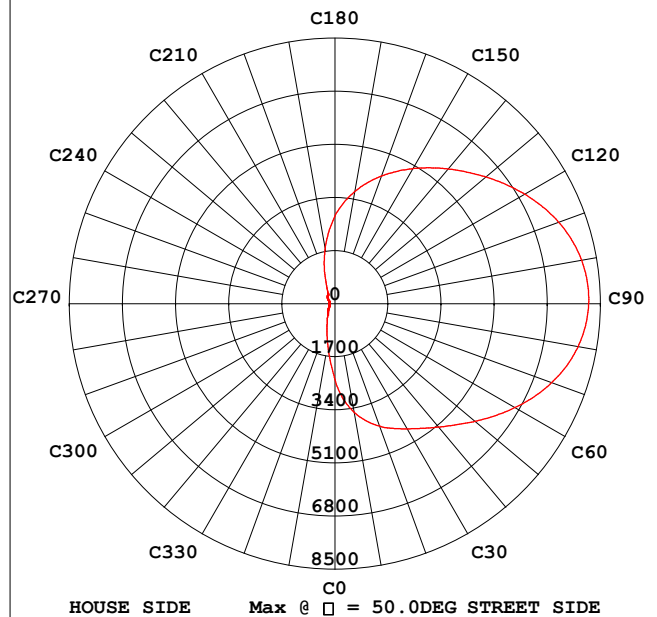


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.39 lm/W			
MODEL	ASD-WLP01-150A-PC	Imax(cd)	8120	☐ street_up(%)	14.6
NOMINAL POWER(W)	150	LOR(%)	100.0	☐ street_down(%)	72.9
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	21262	☐ house_up(%)	0.8
NOMINAL FLUX(lm)	21261.7	MAXIMUM @ (C, $\square$)	90,50.0	☐ house_down(%)	11.8
LAMPS INSIDE	1	☐ up(%)	15.3	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	☐ down(%)	84.7	SLI	20.798

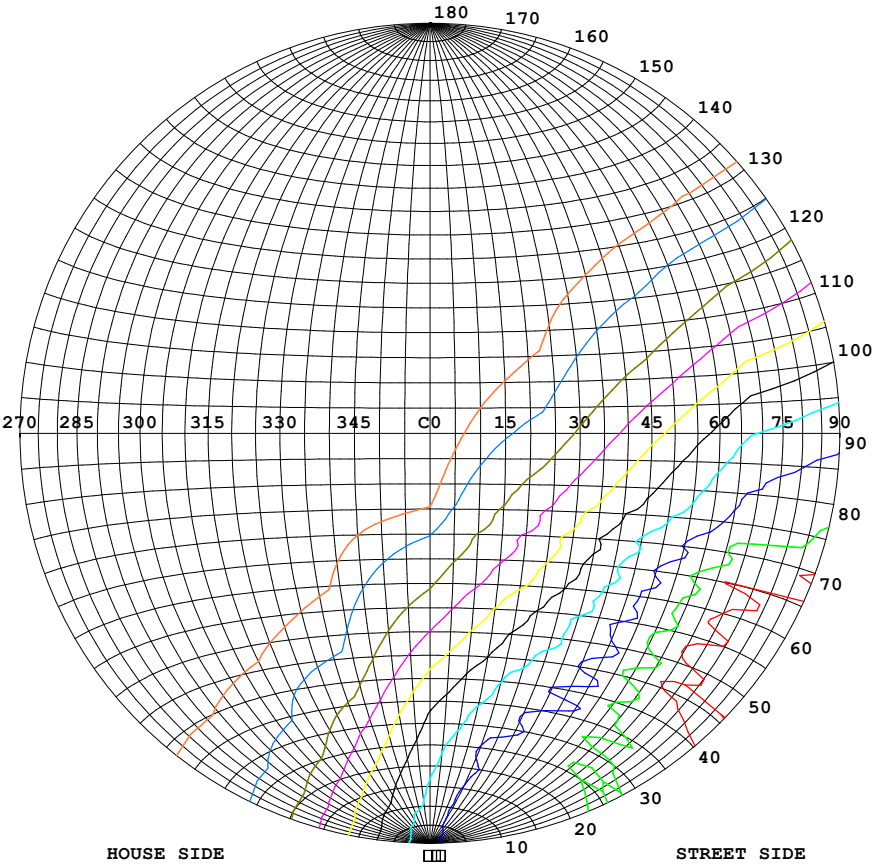
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu-1
Test Date: 2025-05-13

$\square$ 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:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:



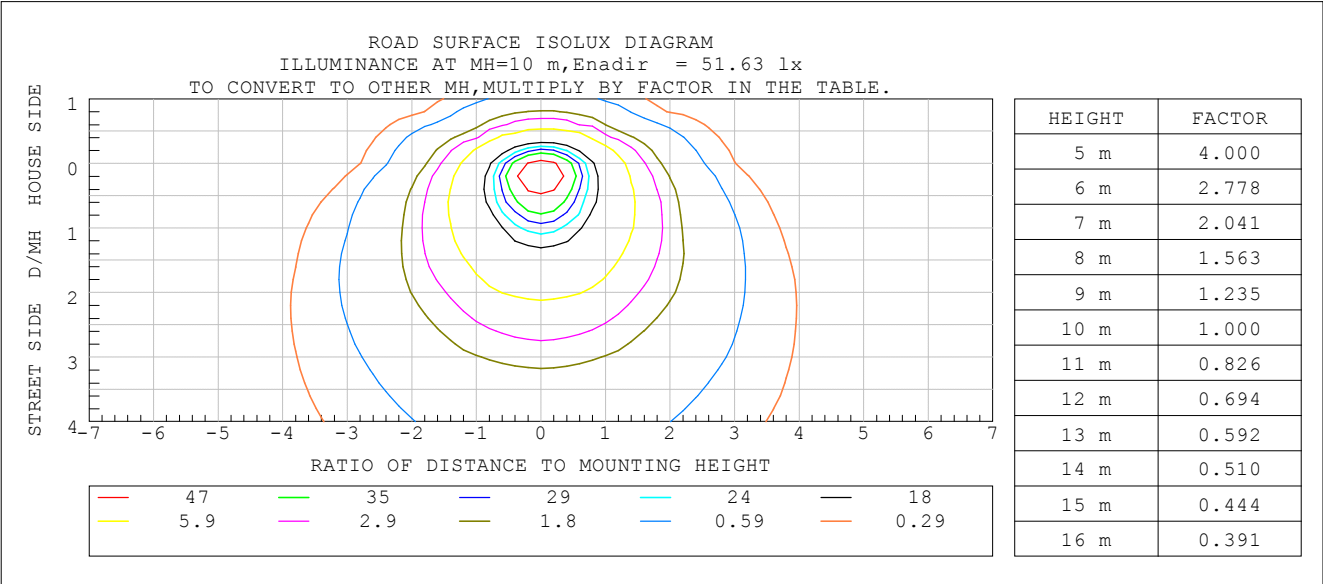
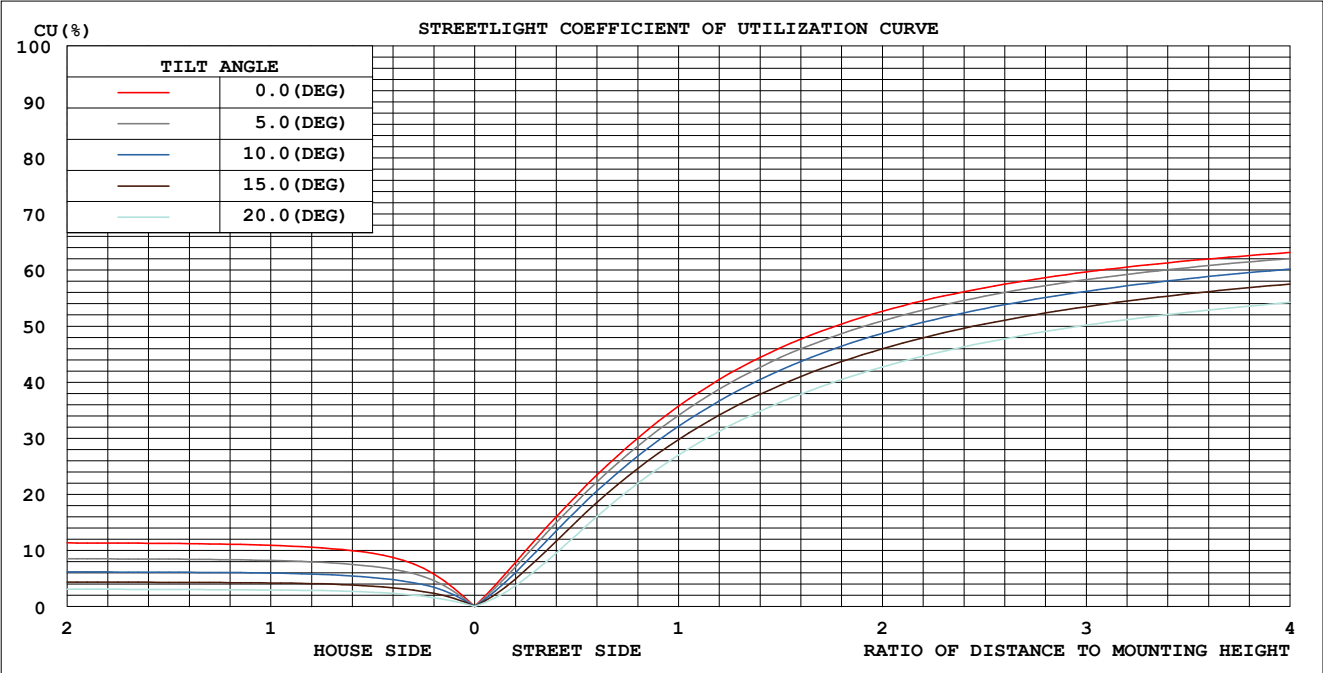
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:295.8cd/klm
Max.At90:251.8cd/klm
Max.80-90:295.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8120
90%	7308
80%	6496
70%	5684
60%	4872
50%	4060
40%	3248
30%	2436
20%	1624
10%	812
5%	406

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-13

☐ 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: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-13

□ 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:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

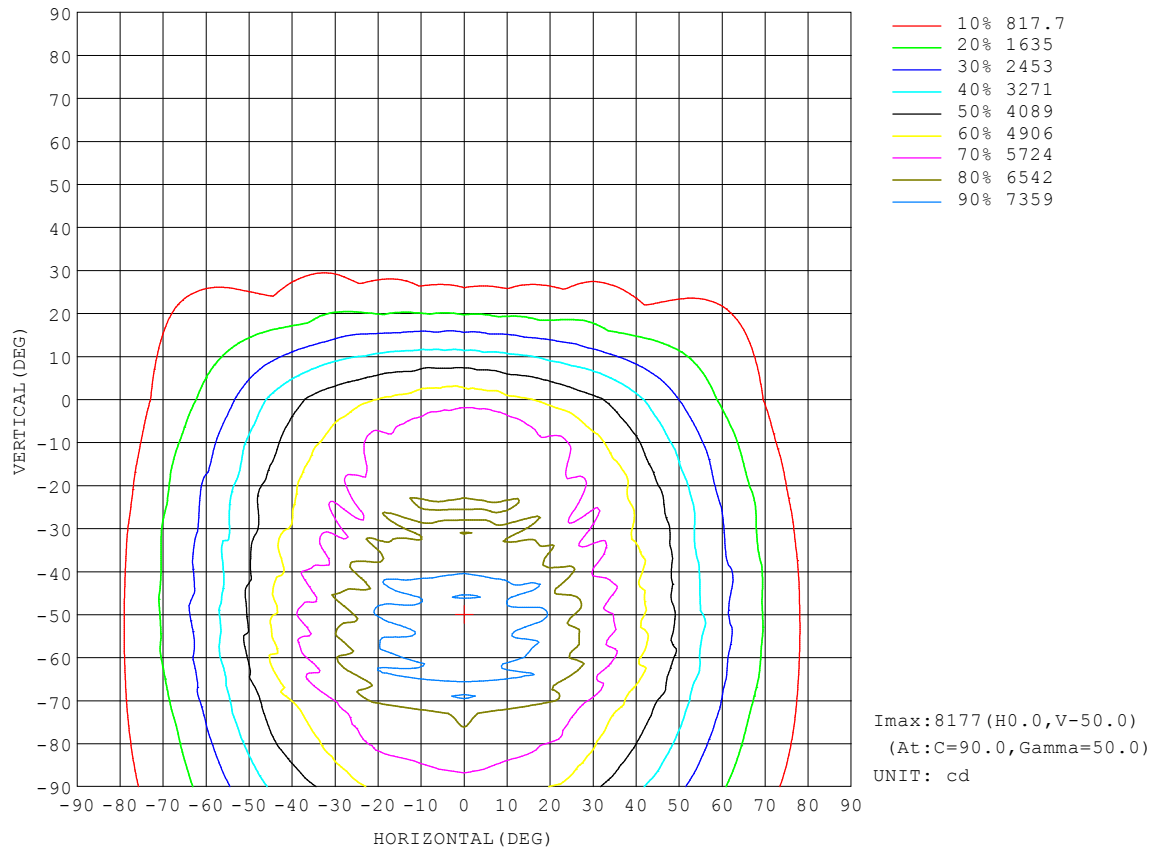
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	5024	5878	6273	5963	5154	4077	3525	4035	0- 10	495.3	495.3	2.33,2.33
20	4728	6124	6155	6209	4887	2619	1558	2472	10- 20	1330	1825	8.59,8.59
30	4207	5826	7066	5969	4483	1234	634.2	1062	20- 30	1874	3700	17.4,17.4
40	3413	6170	7188	6003	3837	638.3	358.0	608.8	30- 40	2294	5993	28.2,28.2
50	2433	5485	8120	5964	2814	361.3	198.6	334.0	40- 50	2571	8565	40.3,40.3
60	1529	5384	7672	5935	1813	171.0	35.74	155.3	50- 60	2690	11254	52.9,52.9
70	775.9	4941	7227	5417	1060	59.40	24.27	50.94	60- 70	2586	13840	65.1,65.1
80	251.8	3866	6290	4259	341.9	48.25	31.46	44.21	70- 80	2270	16111	75.8,75.8
90	118.2	2990	5354	3368	124.4	43.61	38.22	40.58	80- 90	1896	18007	84.7,84.7
100	115.5	1972	4033	2227	113.9	42.46	44.10	38.56	90-100	1421	19428	91.4,91.4
110	108.9	1131	2638	1290	108.7	43.32	48.18	38.46	100-110	918.9	20347	95.7,95.7
120	81.31	570.1	1428	632.8	87.86	44.49	49.41	40.97	110-120	509.4	20856	98.1,98.1
130	57.76	293.7	446.4	322.2	66.36	44.95	48.87	41.47	120-130	224.8	21081	99.1,99.1
140	42.51	136.4	250.9	143.4	50.28	44.46	47.99	41.44	130-140	100.3	21181	99.6,99.6
150	34.74	77.04	97.39	76.28	41.11	43.54	46.54	41.00	140-150	45.99	21227	99.8,99.8
160	32.16	38.97	56.51	36.72	36.33	40.72	42.81	38.59	150-160	22.06	21249	99.9,99.9
170	34.40	25.21	21.37	20.28	36.12	36.33	35.90	34.01	160-170	9.795	21259	100,100
180	36.13	31.03	27.47	27.76	36.17	31.08	27.51	27.77	170-180	2.864	21262	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2025-05-13

□ 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

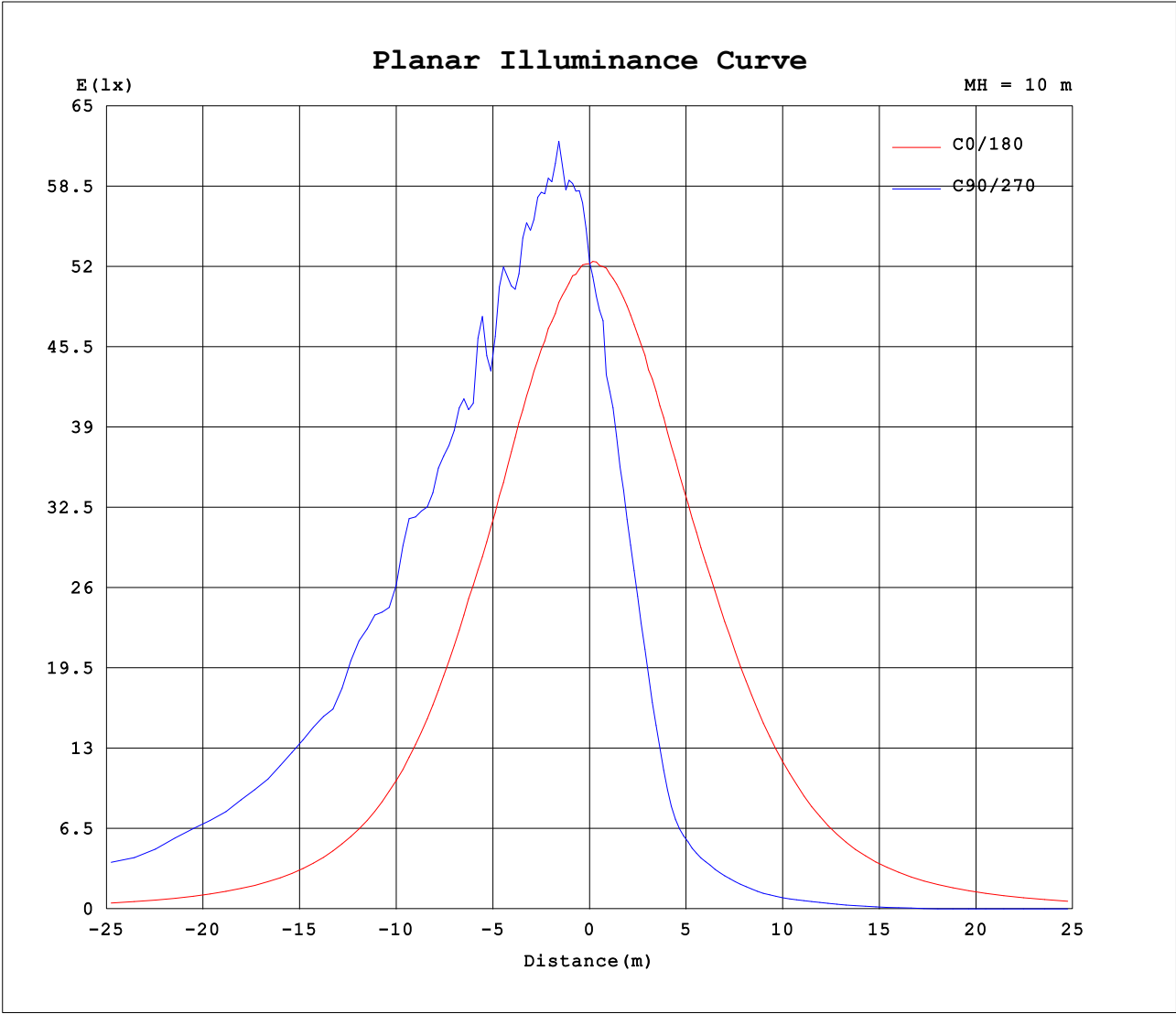
Test:U:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-13

□ 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



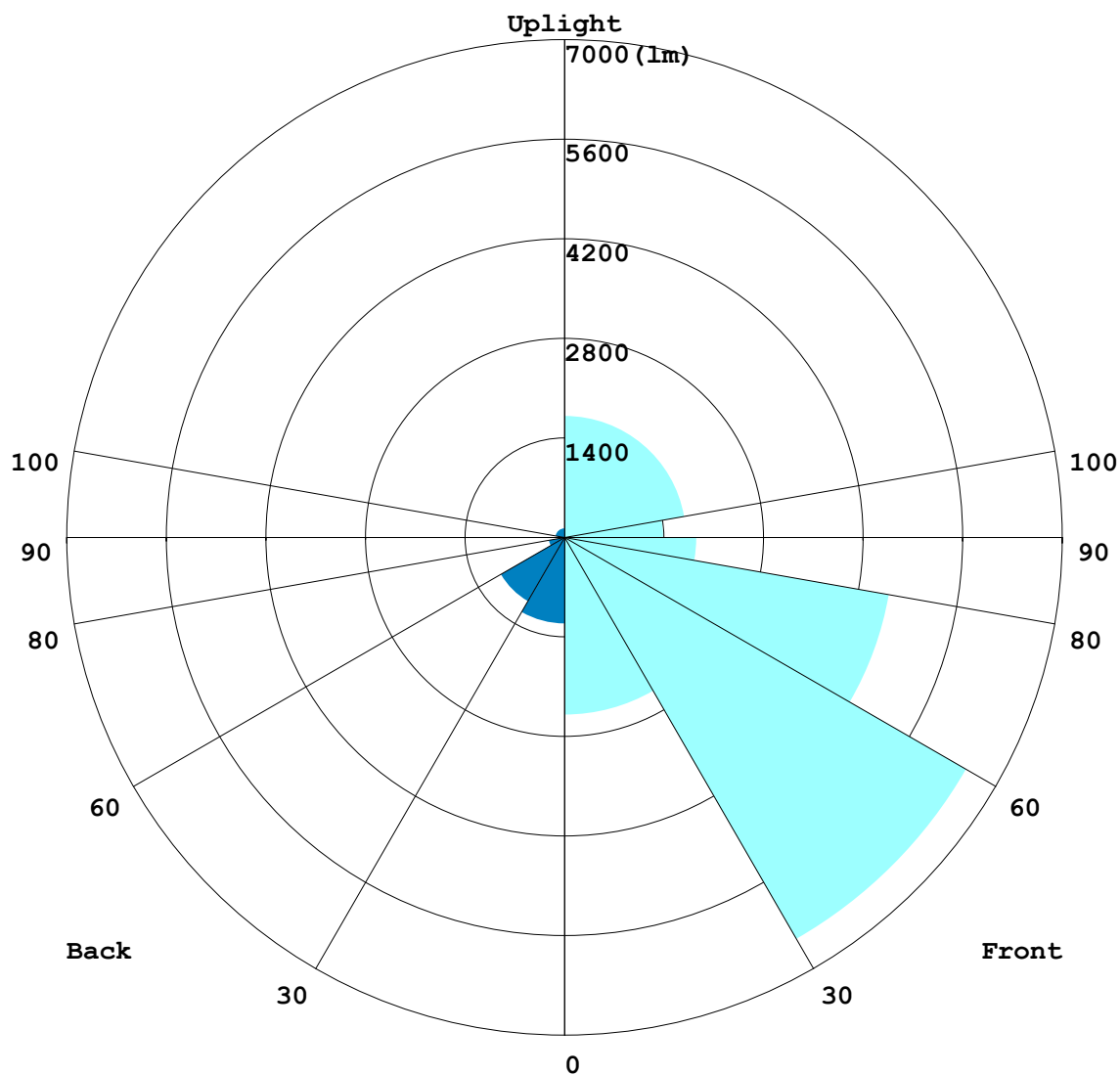
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-13

☐ 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:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu-1
Test Date:2025-05-13

☐ 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:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2490.3	11.7
FM - Front-Medium(30-60)	6519	30.7
FH - Front-High(60-80)	4632.9	21.8
FVH - Front-Very High(80-90)	1853.2	8.7
Total Forward Light	18591	87.4

BL - Back-Low(0-30)	1209.2	5.7
BM - Back-Medium(30-60)	1035.6	4.9
BH - Back-High(60-80)	223.73	1.1
BVH - Back-Very High(80-90)	42.542	0.2
Total Back Light	2670.7	12.6

UL - Uplight-Low(90-100)	1421	6.7
UH - Uplight-High(100-180)	1834	8.6
Total Up Light	3255.1	15.3

BUG(Back,Up,Glare) Rating	B3-U4-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2511.1	159.61	2670.7
Street Side	15496	3095.5	18591

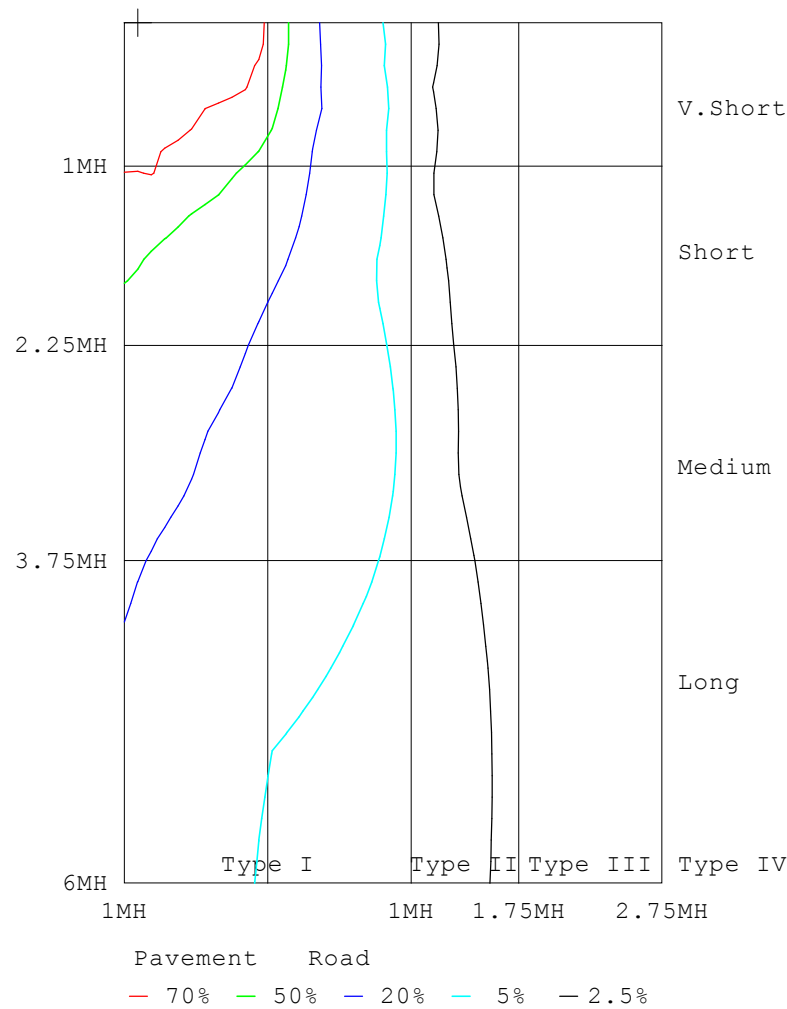
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu-1
 Test Date:2025-05-13

☐ 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:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.7V I:1.208A P:144.3W PF:0.9979 Freq:59.98Hz Lamp Flux:21261.7x1 lm		
NAME: ASD-WLP01-150A-PC	TYPE:	WEIGHT:
SPEC.:150W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.36*0.2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200			
5	5163	5677	5804	5943	5898	5959	5893	5763	5224	5006	4782	4464	4343	4433	4854	5003			
10	5024	5791	5878	6425	6273	6476	5963	5838	5154	4734	4077	3600	3525	3600	4035	4518			
15	4907	5769	6126	6276	6348	6311	6176	5841	5048	4156	3371	2785	2547	2763	3250	4089			
20	4728	5625	6124	6448	6155	6509	6209	5831	4887	3763	2619	1862	1558	1763	2472	3572			
25	4473	5834	6057	6471	6715	6603	6175	5839	4697	3247	1881	1051	865	987	1672	3011			
30	4207	5474	5826	6246	7066	6421	5969	5610	4483	2775	1234	722	634	708	1062	2465			
35	3864	5244	5907	6499	6999	6730	5699	5329	4217	2190	836	554	485	540	782	1843			
40	3413	5005	6170	6774	7188	6936	6003	5110	3837	1612	638	417	358	404	609	1321			
45	2931	4584	5975	7388	7363	7683	6176	4726	3363	1111	492	301	256	285	455	910			
50	2433	4300	5485	7220	8120	7492	5964	4513	2814	770	361	215	199	206	334	663			
55	1960	3876	5517	7074	7741	7118	5646	3987	2269	564	254	142	117	137	236	510			
60	1529	3310	5384	7241	7672	7431	5935	3509	1813	441	171	66.3	35.7	56.0	155	396			
65	1156	2940	5226	7320	7552	7411	5602	3145	1417	336	103	19.5	20.6	18.8	86.1	298			
70	776	2727	4941	6615	7227	6873	5417	2758	1060	250	59.4	22.0	24.3	22.1	50.9	221			
75	424	2320	4429	5983	6534	6093	4727	2434	638	186	51.8	25.4	27.9	25.4	46.6	164			
80	252	1910	3866	5694	6290	5858	4259	2130	342	141	48.2	28.8	31.5	28.7	44.2	130			
85	161	1462	3460	5332	5864	5500	3844	1619	197	117	45.7	32.3	34.9	31.9	42.2	111			
90	118	1061	2990	4829	5354	4968	3368	1235	124	95.7	43.6	35.5	38.2	35.0	40.6	91.7			
95	114	764	2484	4211	4751	4368	2799	915	111	79.8	42.5	38.5	41.3	37.8	39.5	76.2			
100	116	554	1972	3501	4033	3655	2227	673	114	68.4	42.5	41.3	44.1	40.5	38.6	66.0			
105	114	426	1502	2799	3346	2936	1708	516	115	61.9	42.8	43.6	46.4	42.8	38.7	58.3			
110	109	335	1131	2143	2638	2274	1290	401	109	57.9	43.3	45.3	48.2	44.5	38.5	52.9			
115	97.8	267	823	1582	1978	1683	934	310	98.6	55.2	43.9	46.6	49.3	45.7	40.1	47.6			
120	81.3	205	570	1122	1428	1205	633	237	87.9	52.6	44.5	47.4	49.4	46.4	41.0	46.1			
125	67.6	158	411	636	789	676	450	178	76.9	50.2	44.8	48.0	49.3	46.7	41.3	45.9			
130	57.8	127	294	430	446	450	322	138	66.4	48.2	45.0	48.2	48.9	46.6	41.5	45.1			
135	49.4	101	196	320	337	334	216	107	57.5	46.2	44.8	48.5	48.4	46.5	41.4	43.1			
140	42.5	76.4	136	211	251	225	143	81.6	50.3	44.3	44.5	48.4	48.0	46.2	41.4	41.3			
145	37.8	55.5	103	131	151	137	104	58.0	44.9	42.6	44.2	47.9	47.4	45.7	41.4	39.4			
150	34.7	40.1	77.0	95.1	97.4	94.3	76.3	39.4	41.1	40.8	43.5	46.9	46.5	45.0	41.0	37.4			
155	33.0	30.2	58.4	71.1	73.9	69.3	57.4	26.7	38.4	39.0	42.4	45.3	45.0	43.7	40.1	35.6			
160	32.2	27.6	39.0	56.0	56.5	53.9	36.7	20.3	36.3	37.7	40.7	43.0	42.8	41.7	38.6	34.4			
165	32.8	27.5	25.9	35.2	37.7	33.3	22.2	20.5	35.5	37.1	38.7	40.0	39.8	38.9	36.5	33.6			
170	34.4	29.7	25.2	21.8	21.4	19.4	20.3	23.5	36.1	36.4	36.3	36.5	35.9	35.5	34.0	32.6			
175	35.5	31.8	28.1	25.3	23.3	23.0	24.2	26.6	36.3	35.2	33.8	32.9	31.7	31.5	31.1	31.0			
180	36.1	33.7	31.0	29.1	27.5	27.4	27.8	29.0	36.2	33.7	31.1	29.2	27.5	27.4	27.8	29.0			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:27DEG

Operators:lianghaizhu-1

Test Date:2025-05-13

□ 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: