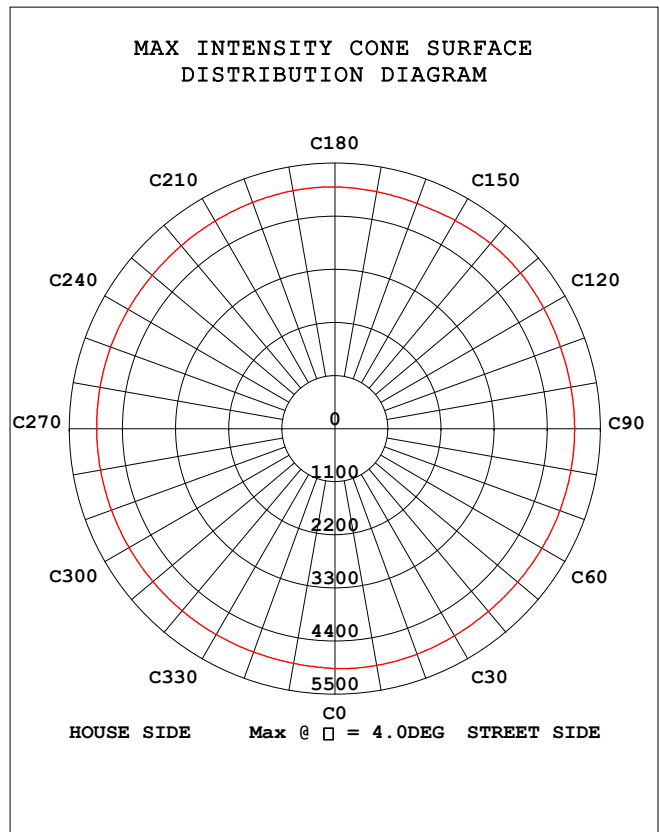
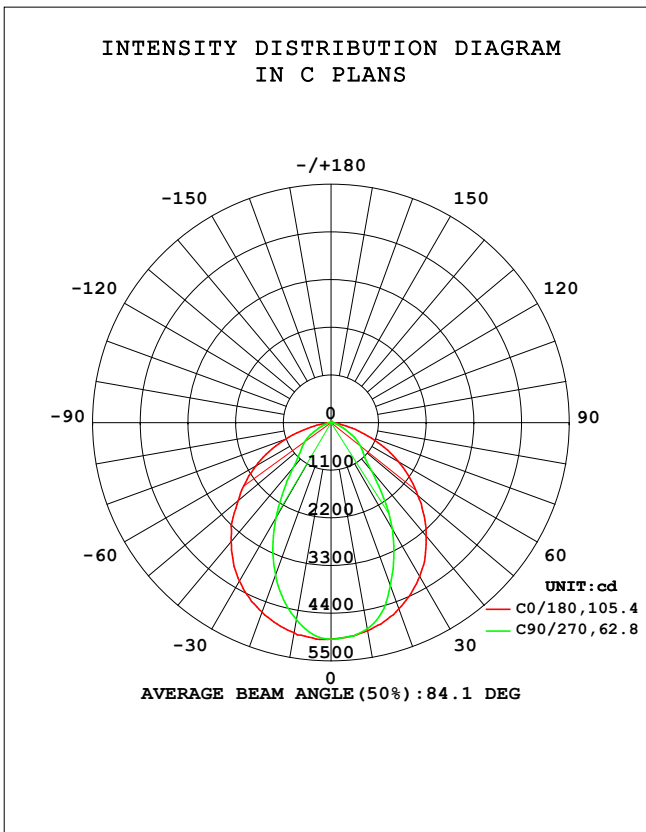


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.63 lm/W			
MODEL	ASD-WLR-60BR-PC-UD	I <sub>max</sub> (cd)	5021	<input type="checkbox"/> street_up (%)	0.3
NOMINAL POWER (W)	60	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	51.1
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	8696	<input type="checkbox"/> house_up (%)	0.5
NOMINAL FLUX (lm)	8696.39	MAXIMUM @ (C, <input type="checkbox"/> )	135,4.0	<input type="checkbox"/> house_down (%)	48.1
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.8	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	<input type="checkbox"/> down (%)	99.2	SLI	20.900

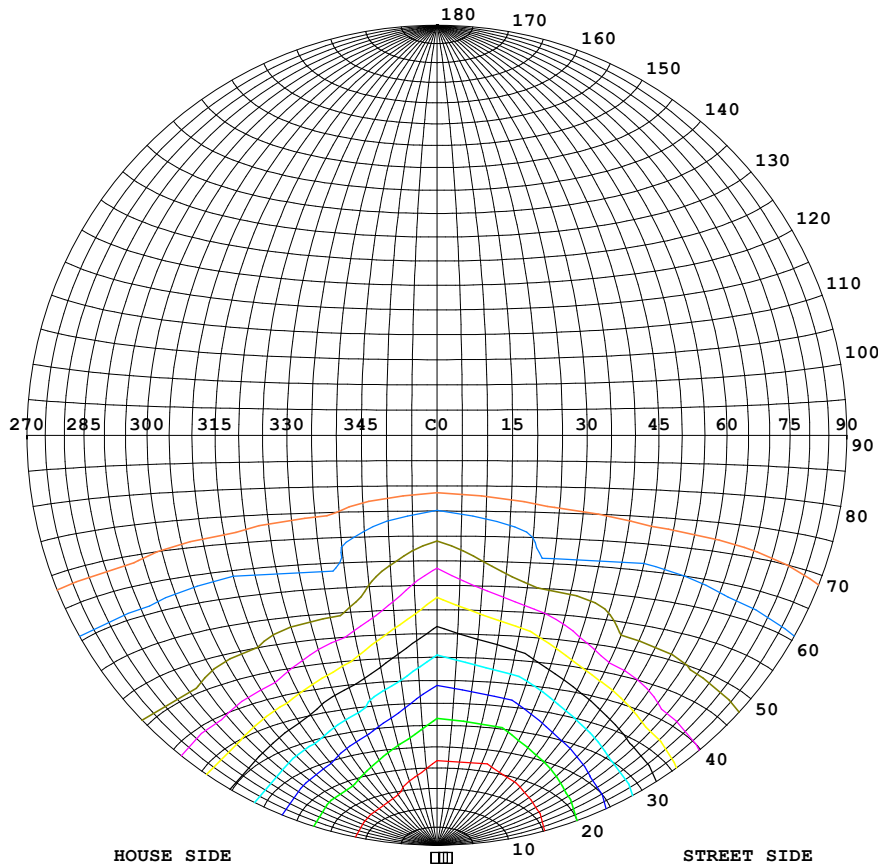


C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu-1  
 Test Date: 2025-02-13

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:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:



**Classification:**

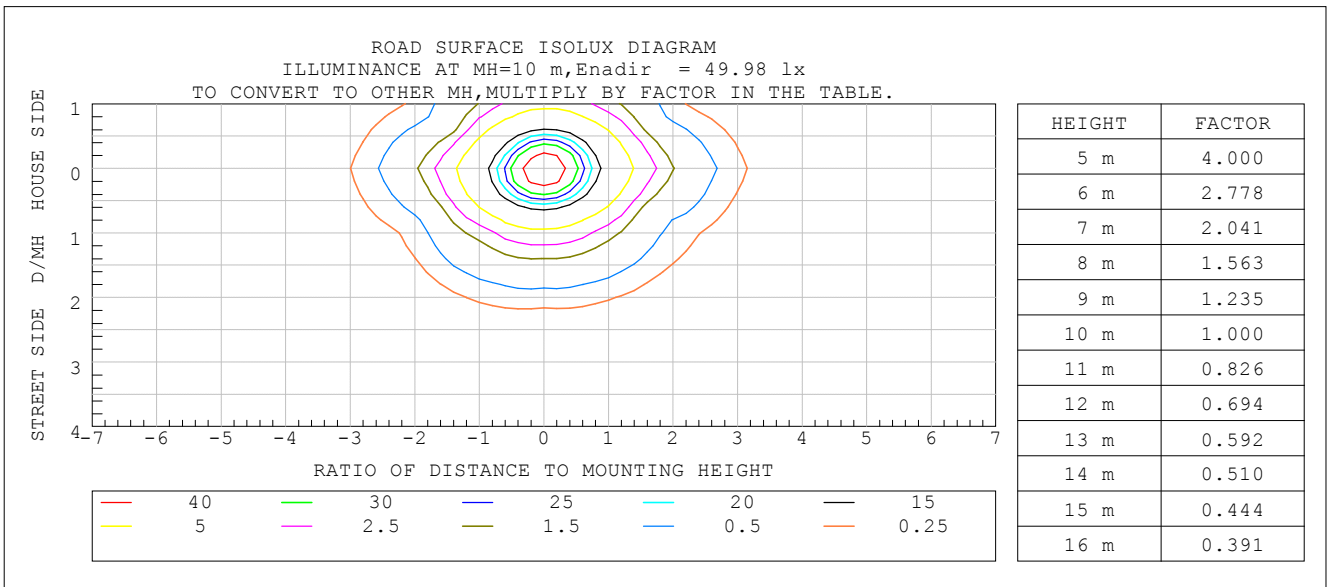
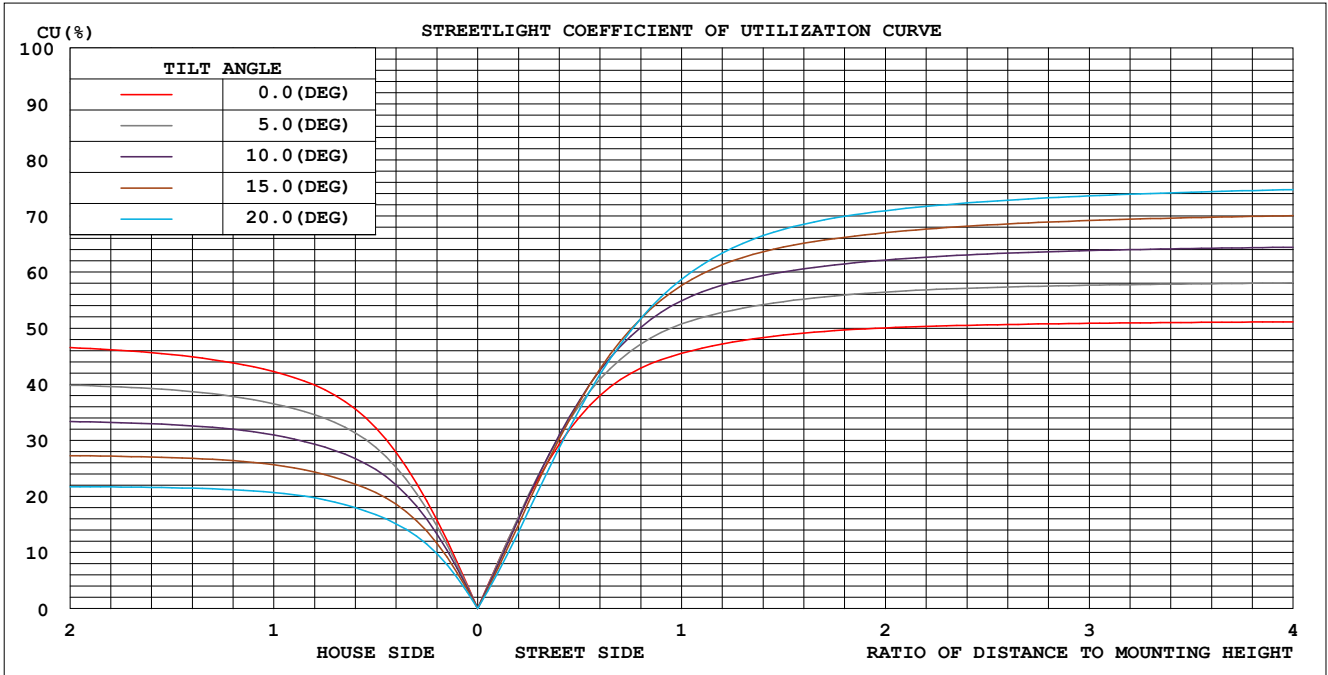
IES:Type VS - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:31.60cd/klm  
 Max.At90:1.817cd/klm  
 Max.80-90:31.60cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5021
— 90%	4519
— 80%	4017
— 70%	3514
— 60%	3012
— 50%	2510
— 40%	2008
— 30%	1506
— 20%	1004
— 10%	502
— 5%	251

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-02-13

□ 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: 2025-02-13

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:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:

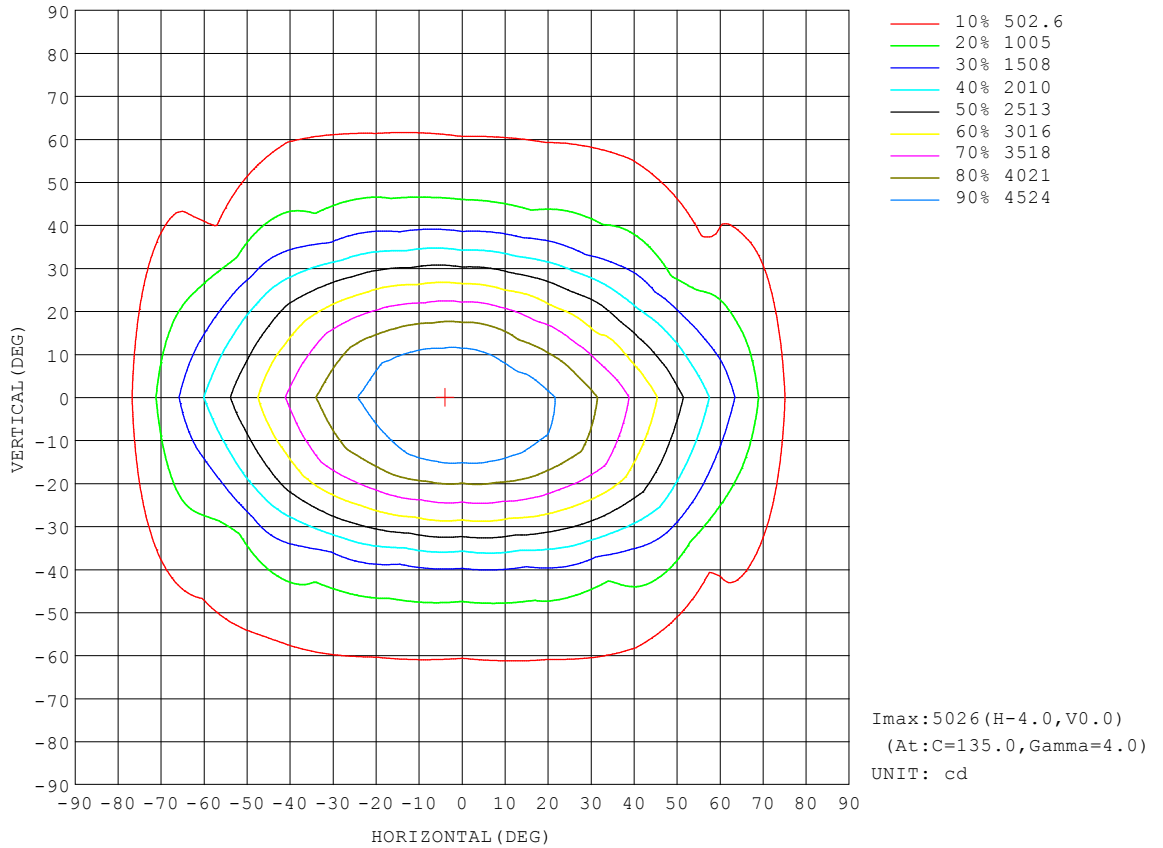
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	4875	4842	4828	4940	4924	4765	4617	4701	0- 10	467.1	467.1	5.37,5.37
20	4576	4389	4008	4448	4659	4160	3750	3957	10- 20	1282	1749	20.1,20.1
30	4097	3490	2835	3468	4224	3282	2545	2953	20- 30	1754	3504	40.3,40.3
40	3421	2389	1475	2304	3584	2161	1357	1839	30- 40	1765	5268	60.6,60.6
50	2620	1177	920.0	1124	2803	1128	874.1	1017	40- 50	1409	6677	76.8,76.8
60	1793	770.2	532.9	759.4	2009	776.4	525.0	643.7	50- 60	1020	7698	88.5,88.5
70	908.1	351.3	222.9	356.4	1112	389.0	205.1	308.8	60- 70	601.9	8300	95.4,95.4
80	166.2	107.7	72.84	128.3	274.8	120.9	65.86	96.58	70- 80	274.6	8574	98.6,98.6
90	3.847	6.039	8.146	13.75	6.368	6.288	7.361	9.513	80- 90	53.27	8628	99.2,99.2
100	2.467	1.910	2.414	7.282	5.124	3.429	2.696	6.813	90-100	6.104	8634	99.3,99.3
110	4.285	3.338	2.819	4.964	8.638	6.192	4.491	9.624	100-110	5.426	8639	99.3,99.3
120	6.838	5.794	3.957	5.168	12.80	10.27	7.516	12.79	110-120	6.899	8646	99.4,99.4
130	10.08	9.061	6.292	7.152	17.17	15.00	12.17	17.76	120-130	8.963	8655	99.5,99.5
140	13.94	12.78	9.667	9.468	21.19	19.29	18.25	21.38	130-140	10.68	8666	99.6,99.6
150	18.26	16.57	13.71	13.84	24.67	22.86	23.64	25.78	140-150	11.18	8677	99.8,99.8
160	22.66	20.65	18.18	17.91	27.22	25.66	27.30	28.48	150-160	9.964	8687	99.9,99.9
170	26.51	24.70	23.78	23.37	28.79	27.46	29.29	29.44	160-170	7.039	8694	100,100
180	28.90	27.52	28.20	27.87	28.94	27.52	28.20	27.94	170-180	2.601	8696	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:2025-02-13

□ 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

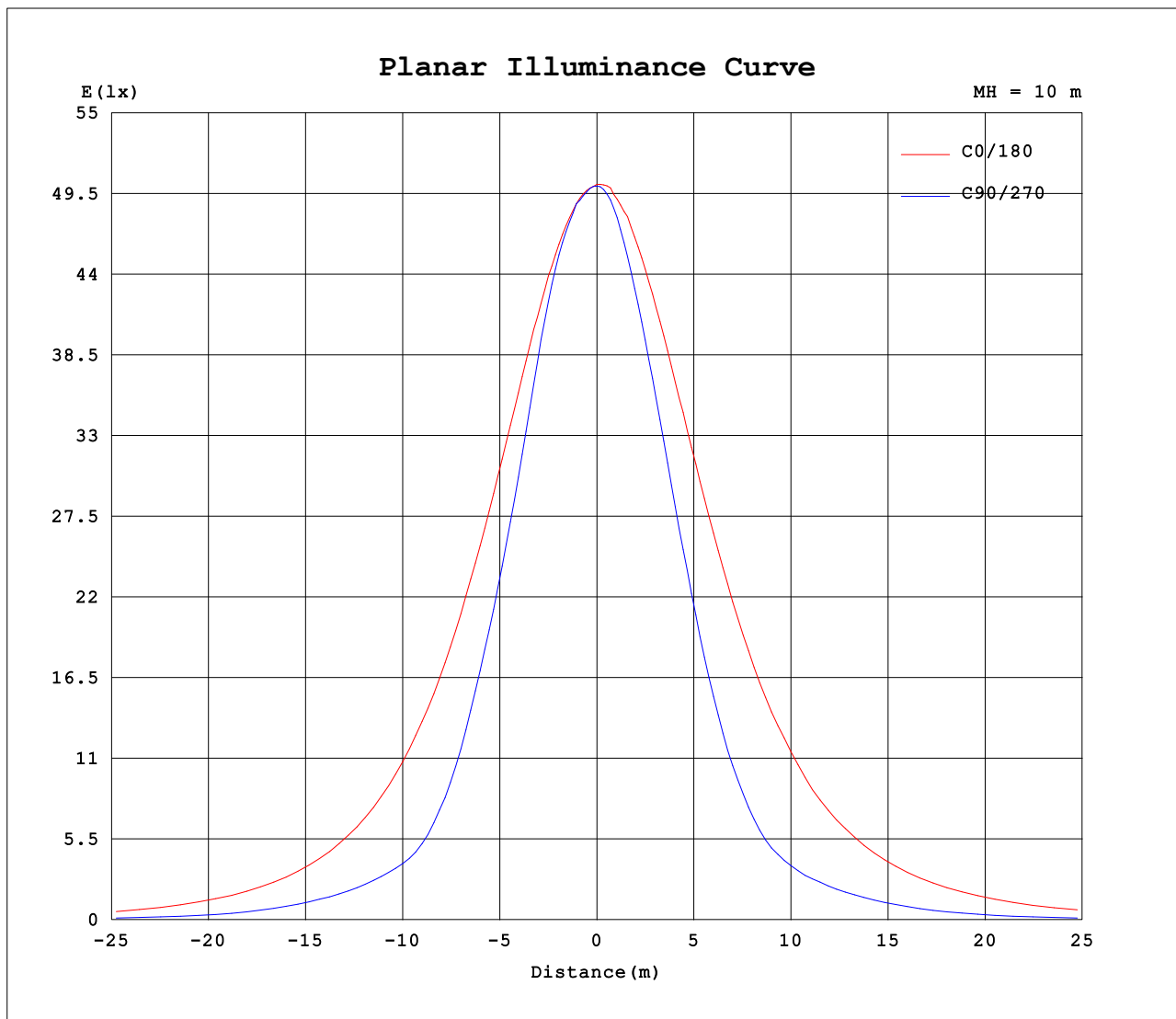
Test:U:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-02-13

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



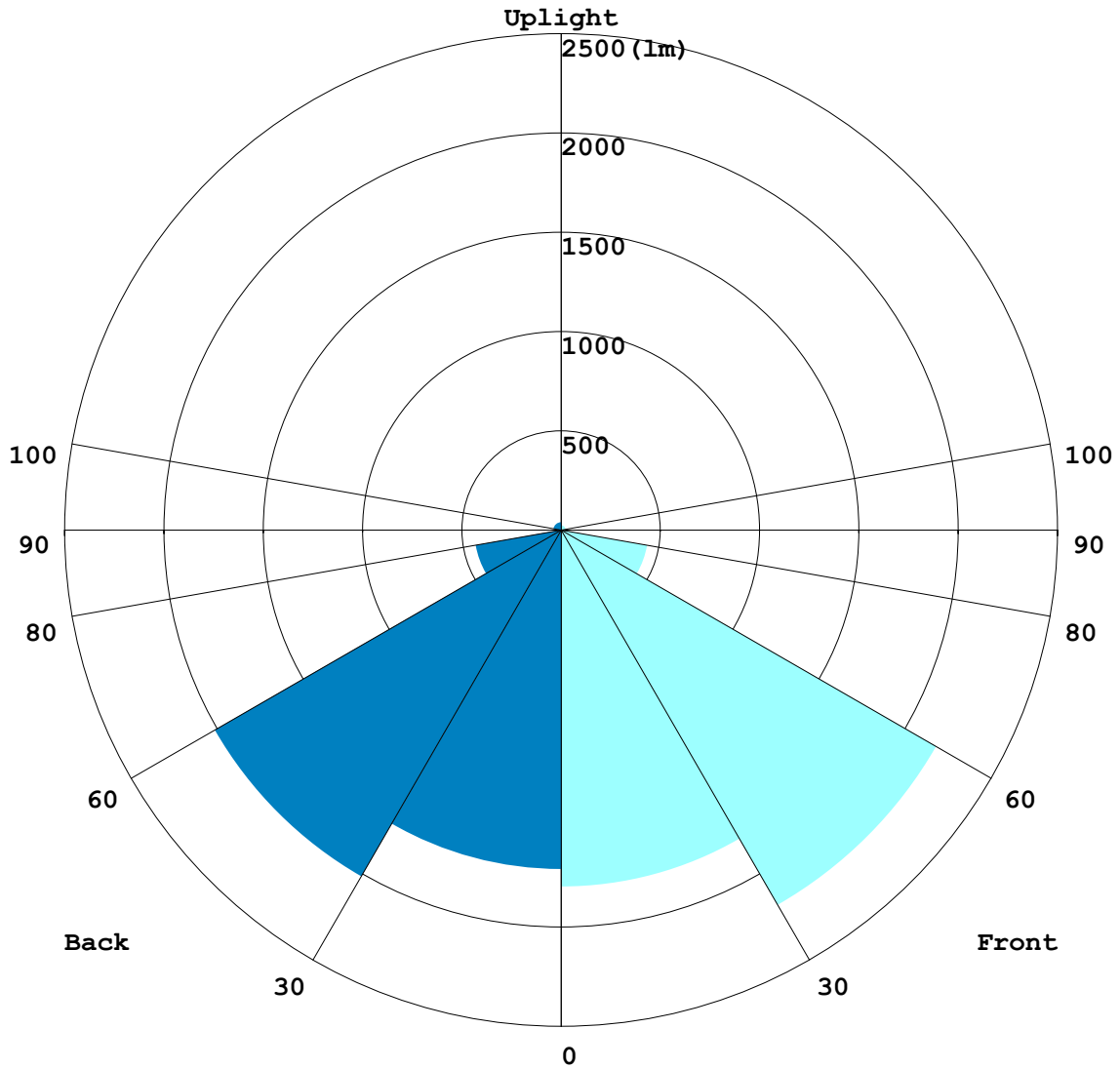
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu-1  
 Test Date: 2025-02-13

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:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	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:2025-02-13

□ 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:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1795.6	20.6
FM - Front-Medium(30-60)	2180.3	25.1
FH - Front-High(60-80)	440.08	5.1
FVH - Front-Very High(80-90)	25.758	0.3
Total Forward Light	4468.5	51.4

BL - Back-Low(0-30)	1707.9	19.6
BM - Back-Medium(30-60)	2013.9	23.2
BH - Back-High(60-80)	436.43	5.0
BVH - Back-Very High(80-90)	27.515	0.3
Total Back Light	4227.9	48.6

UL - Uplight-Low(90-100)	6.1043	0.1
UH - Uplight-High(100-180)	62.75	0.7
Total Up Light	68.854	0.8

BUG(Back,Up,Glare) Rating	B3-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4185.8	42.072	4227.9
Street Side	4441.7	26.783	4468.5

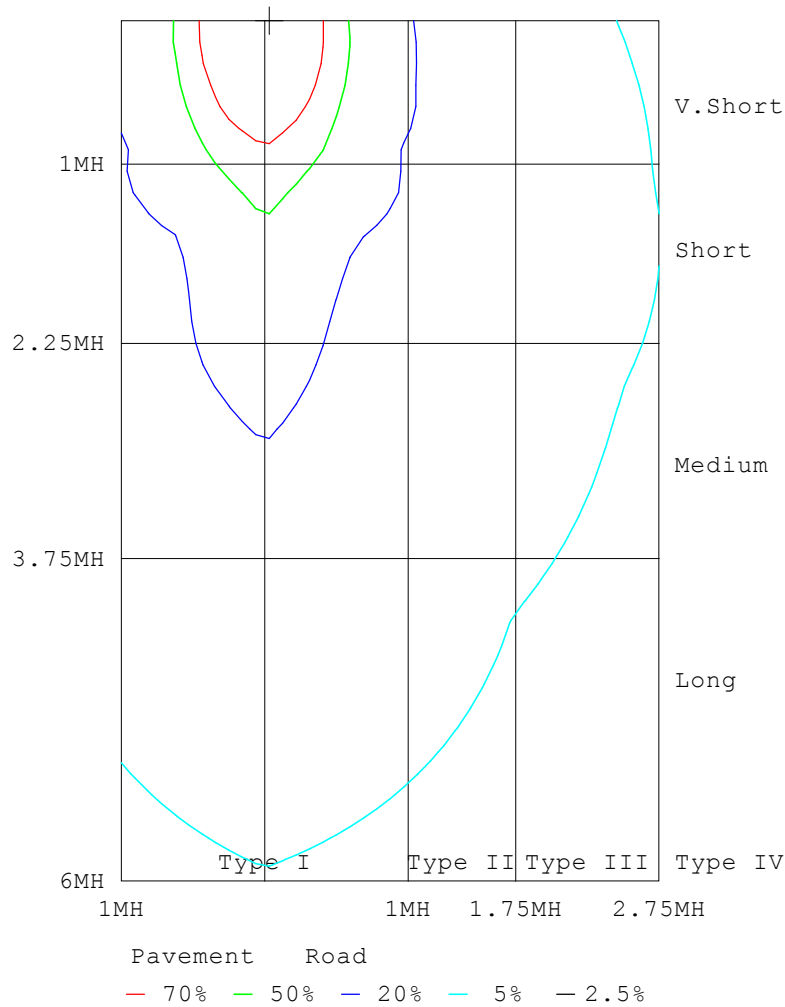
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:lianghaizhu-1  
Test Date:2025-02-13

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:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.: 60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-02-13

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.5013A P:60.13W PF:0.9982 Freq:59.98Hz Lamp Flux:8696.39x1 lm		
NAME: ASD-WLR-60BR-PC-UD	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	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	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995	4995			
5	4957	4956	4932	4947	4954	4964	5015	4946	4985	4971	4929	4913	4900	4892	4888	4896			
10	4875	4875	4842	4842	4828	4862	4940	4825	4924	4884	4765	4661	4617	4619	4701	4749			
15	4751	4757	4670	4595	4533	4594	4760	4682	4812	4729	4502	4312	4234	4252	4372	4539			
20	4576	4584	4389	4152	4008	4139	4448	4551	4659	4521	4160	3880	3750	3797	3957	4258			
25	4360	4344	3980	3605	3438	3572	3989	4302	4462	4224	3750	3355	3193	3223	3505	3937			
30	4097	4026	3490	3015	2835	2981	3468	3986	4224	3884	3282	2781	2545	2625	2953	3496			
35	3784	3638	2965	2391	2121	2322	2909	3587	3930	3475	2733	2154	1911	1989	2418	3009			
40	3421	3180	2389	1699	1475	1621	2304	3104	3584	3011	2161	1575	1357	1435	1839	2537			
45	3040	2657	1749	1197	1086	1156	1616	2566	3230	2540	1583	1148	1048	1042	1319	2002			
50	2620	2124	1177	988	920	973	1124	2009	2803	2012	1128	963	874	891	1017	1504			
55	2212	1578	911	829	744	805	946	1417	2415	1454	912	830	720	735	801	953			
60	1793	1000	770	624	533	599	759	836	2009	896	776	634	525	543	644	629			
65	1357	535	563	423	336	399	547	632	1575	512	594	429	331	359	451	435			
70	908	448	351	283	223	266	356	514	1112	395	389	275	205	229	309	378			
75	508	290	206	177	139	170	226	316	644	333	227	177	128	141	184	225			
80	166	136	108	94.8	72.8	92.4	128	154	275	173	121	93.8	65.9	76.7	96.6	119			
85	35.9	39.3	35.9	34.4	27.4	35.7	49.1	55.5	62.9	57.3	44.3	35.0	26.3	30.5	41.3	42.3			
90	3.85	4.95	6.04	7.47	8.15	10.1	13.8	15.8	6.37	5.91	6.29	6.90	7.36	7.64	9.51	12.2			
95	1.85	2.90	2.90	3.97	4.44	6.58	10.4	12.2	3.68	4.11	2.68	2.42	2.91	3.23	6.04	11.1			
100	2.47	2.74	1.91	2.07	2.41	4.05	7.28	8.49	5.12	4.98	3.43	2.80	2.70	3.57	6.81	12.3			
105	3.28	3.63	2.50	2.37	2.54	3.94	6.03	6.17	6.78	6.55	4.64	3.64	3.50	4.45	8.09	13.7			
110	4.28	4.71	3.34	2.83	2.82	3.83	4.96	4.52	8.64	8.41	6.19	4.75	4.49	5.57	9.62	15.0			
115	5.46	5.98	4.44	3.49	3.26	3.45	4.68	4.86	10.7	10.4	8.08	6.22	5.78	7.02	10.9	15.9			
120	6.84	7.50	5.79	4.43	3.96	3.53	5.17	5.81	12.8	12.5	10.3	8.10	7.52	8.88	12.8	16.4			
125	8.36	9.08	7.36	5.69	5.00	4.61	6.06	7.04	15.0	14.6	12.6	10.4	9.66	11.1	15.3	18.3			
130	10.1	10.9	9.06	7.20	6.29	6.25	7.15	8.41	17.2	16.7	15.0	13.0	12.2	13.7	17.8	19.4			
135	11.9	12.7	10.9	8.93	7.88	7.80	8.02	9.86	19.2	18.6	17.2	15.8	15.1	16.2	20.1	20.9			
140	13.9	14.6	12.8	10.8	9.67	9.46	9.47	11.5	21.2	20.5	19.3	18.5	18.3	19.7	21.4	22.6			
145	16.1	16.4	14.7	12.8	11.6	11.3	11.4	12.8	23.1	22.2	21.2	20.9	21.1	22.6	23.9	24.1			
150	18.3	18.2	16.6	14.8	13.7	13.2	13.8	14.4	24.7	23.5	22.9	23.1	23.6	24.9	25.8	25.8			
155	20.4	20.1	18.6	16.8	15.9	15.4	16.0	16.6	26.1	24.8	24.3	24.9	25.6	26.4	27.5	26.9			
160	22.7	22.1	20.6	19.1	18.2	17.6	17.9	19.1	27.2	26.1	25.7	26.4	27.3	27.7	28.5	27.8			
165	24.7	24.2	22.7	21.7	20.9	20.3	20.5	21.6	28.1	27.0	26.7	27.5	28.5	28.6	29.1	28.5			
170	26.5	25.8	24.7	24.0	23.8	23.2	23.4	24.0	28.8	27.7	27.5	28.2	29.3	29.2	29.4	28.8			
175	28.0	27.3	26.4	26.2	26.4	25.9	26.0	26.3	29.1	28.1	27.8	28.3	29.3	29.0	28.8	28.9			
180	28.9	28.0	27.5	27.7	28.2	28.0	27.9	28.4	28.9	28.0	27.5	27.7	28.2	27.9	27.9	28.4			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-02-13

□ 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: