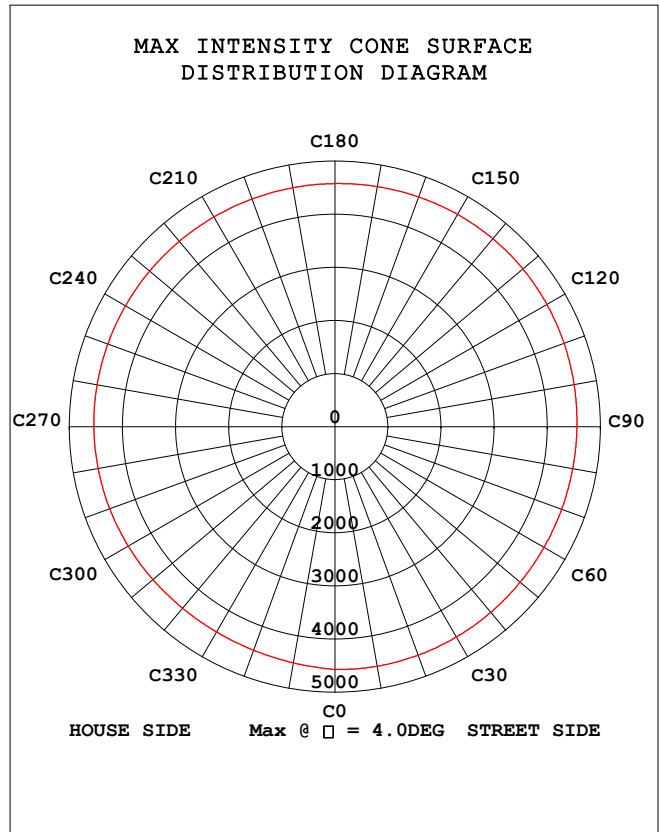
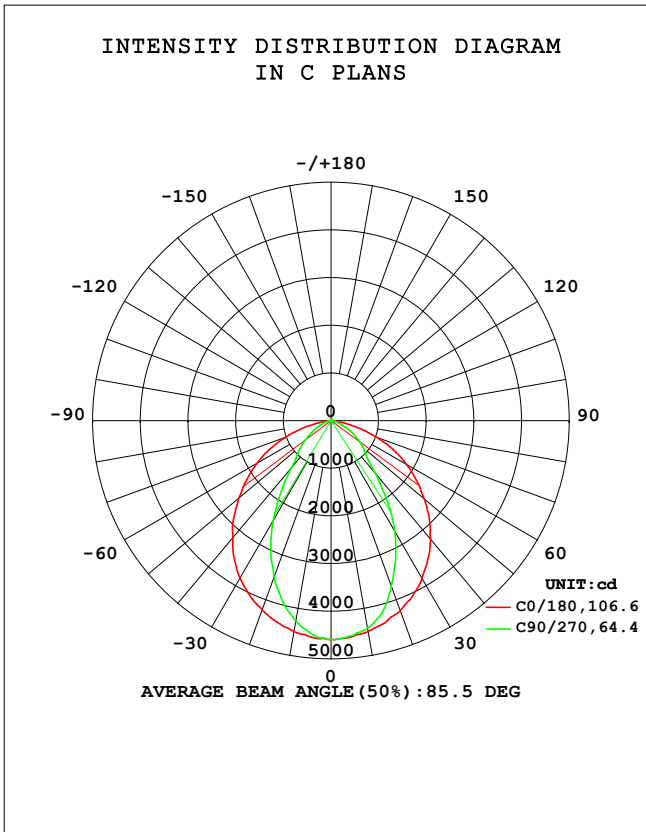


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	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: 139.31 lm/W			
MODEL	ASD-WLR-60BR-PC	I <sub>max</sub> (cd)	4624	□ street_up (%)	0.4
NOMINAL POWER (W)	60	LOR (%)	100.0	□ street_down (%)	50.8
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	8538	□ house_up (%)	0.5
NOMINAL FLUX (lm)	8537.72	MAXIMUM @ (C, □ )	135,4.0	□ house_down (%)	48.2
LAMPS INSIDE	1	□ up (%)	1.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	□ down (%)	99.0	SLI	21.461

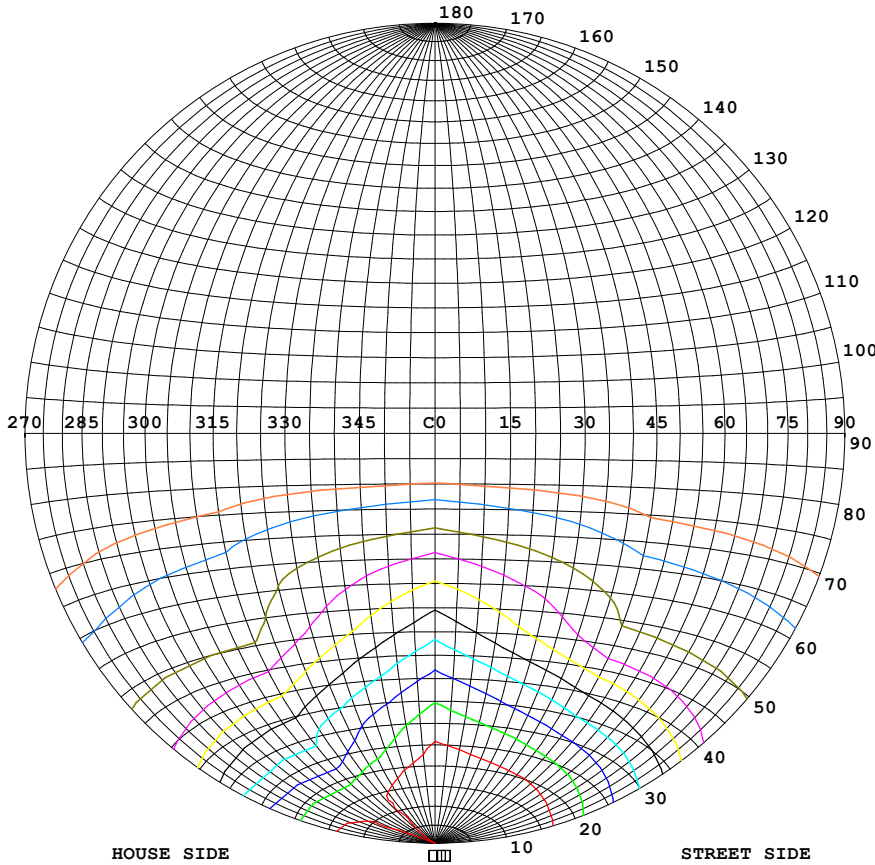


C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu-1  
 Test Date: 2025-1-13

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 8.170m [K=1.0000]  
 Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:



**Classification:**

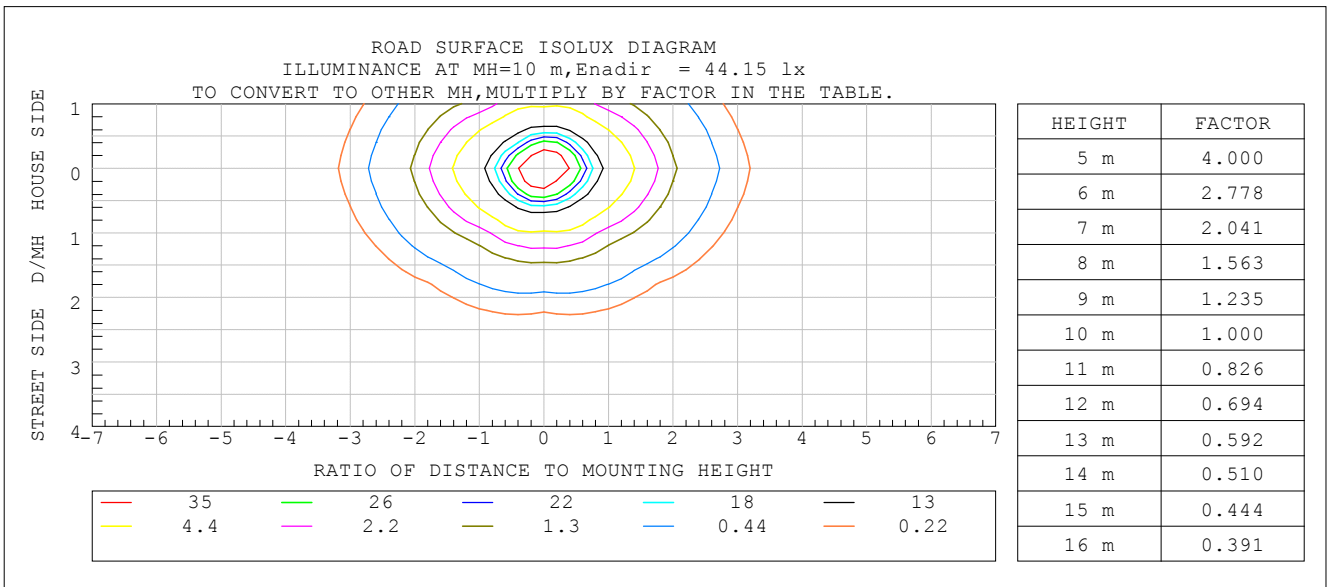
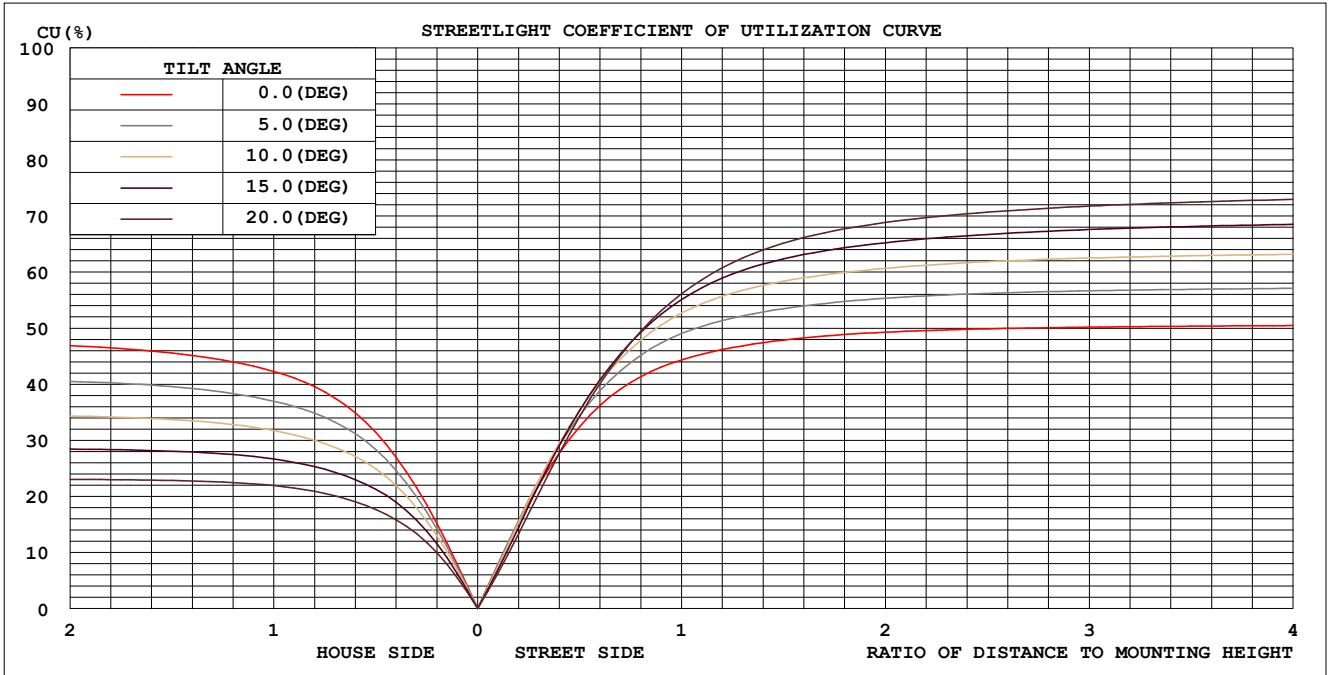
IES:Type VS - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Full cut-off  
 Max.At80:29.10cd/klm  
 Max.At90:4.669cd/klm  
 Max.80-90:29.10cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	4624
— 90%	4162
— 80%	3700
— 70%	3237
— 60%	2775
— 50%	2312
— 40%	1850
— 30%	1387
— 20%	925
— 10%	462
— 5%	231

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-1-13

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:8.170m [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: 2025-1-13

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 8.170m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:

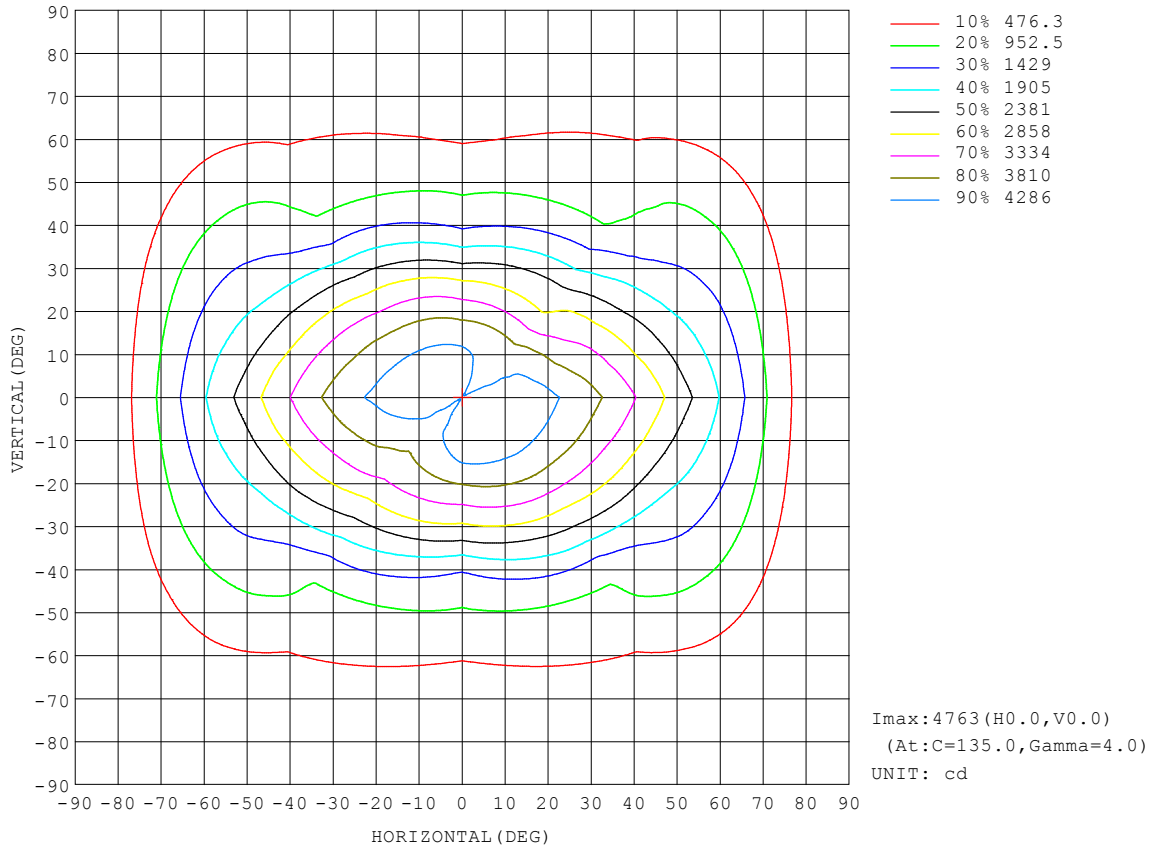
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	4489	4458	4422	4570	4495	4375	4272	4477	0- 10	429.6	429.6	5.03,5.03
20	4244	4028	3704	4092	4223	3812	3498	3974	10- 20	1192	1622	19,19
30	3818	3198	2680	3373	3817	2975	2432	3025	20- 30	1637	3259	38.2,38.2
40	3247	2187	1454	2338	3212	1971	1303	2007	30- 40	1682	4941	57.9,57.9
50	2555	1085	879.1	1248	2515	1005	798.5	1077	40- 50	1376	6317	74,74
60	1818	729.5	512.0	844.5	1801	694.6	418.9	749.2	50- 60	1040	7357	86.2,86.2
70	999.8	352.2	214.6	411.5	1007	352.3	174.6	447.9	60- 70	719.1	8076	94.6,94.6
80	230.3	113.9	70.66	149.5	248.5	105.8	56.50	156.0	70- 80	320.6	8397	98.3,98.3
90	3.779	6.014	9.666	39.86	5.376	5.318	7.348	24.01	80- 90	59.39	8456	99,99
100	2.336	1.752	4.439	42.01	5.035	3.274	2.745	22.64	90-100	11.00	8467	99.2,99.2
110	3.914	2.825	4.154	38.70	8.371	5.849	4.417	25.40	100-110	11.15	8478	99.3,99.3
120	6.245	4.923	3.149	22.85	12.20	9.623	7.348	24.26	110-120	10.73	8489	99.4,99.4
130	9.206	7.894	5.325	11.48	16.11	14.00	11.72	19.90	120-130	10.10	8499	99.5,99.5
140	12.63	11.34	8.406	9.663	19.74	18.07	17.26	22.07	130-140	10.13	8509	99.7,99.7
150	16.46	14.97	12.13	13.02	22.89	21.35	21.87	25.65	140-150	10.47	8519	99.8,99.8
160	20.41	18.56	16.59	17.55	25.14	23.83	25.08	26.87	150-160	9.263	8529	99.9,99.9
170	23.97	22.49	21.73	22.76	26.31	25.27	26.66	27.72	160-170	6.542	8535	100,100
180	26.30	25.15	25.83	26.67	26.33	25.16	25.88	26.66	170-180	2.412	8538	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:2025-1-13

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
Humidity:56%  
Test Distance:8.170m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

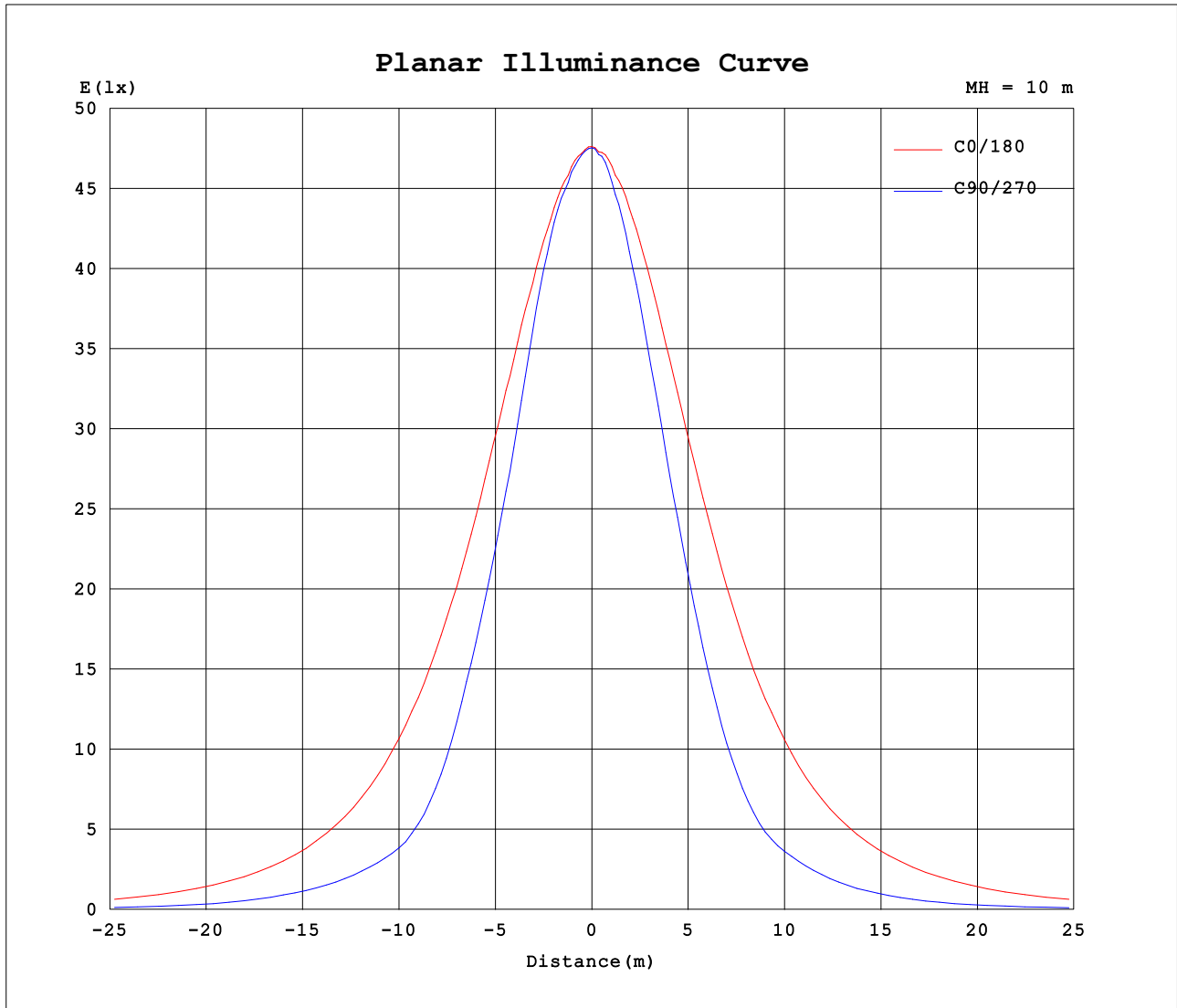
Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	TYPE:	WEIGHT:
SPEC.:60W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.255*0.1	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu-1  
 Test Date: 2025-1-13

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 8.170m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



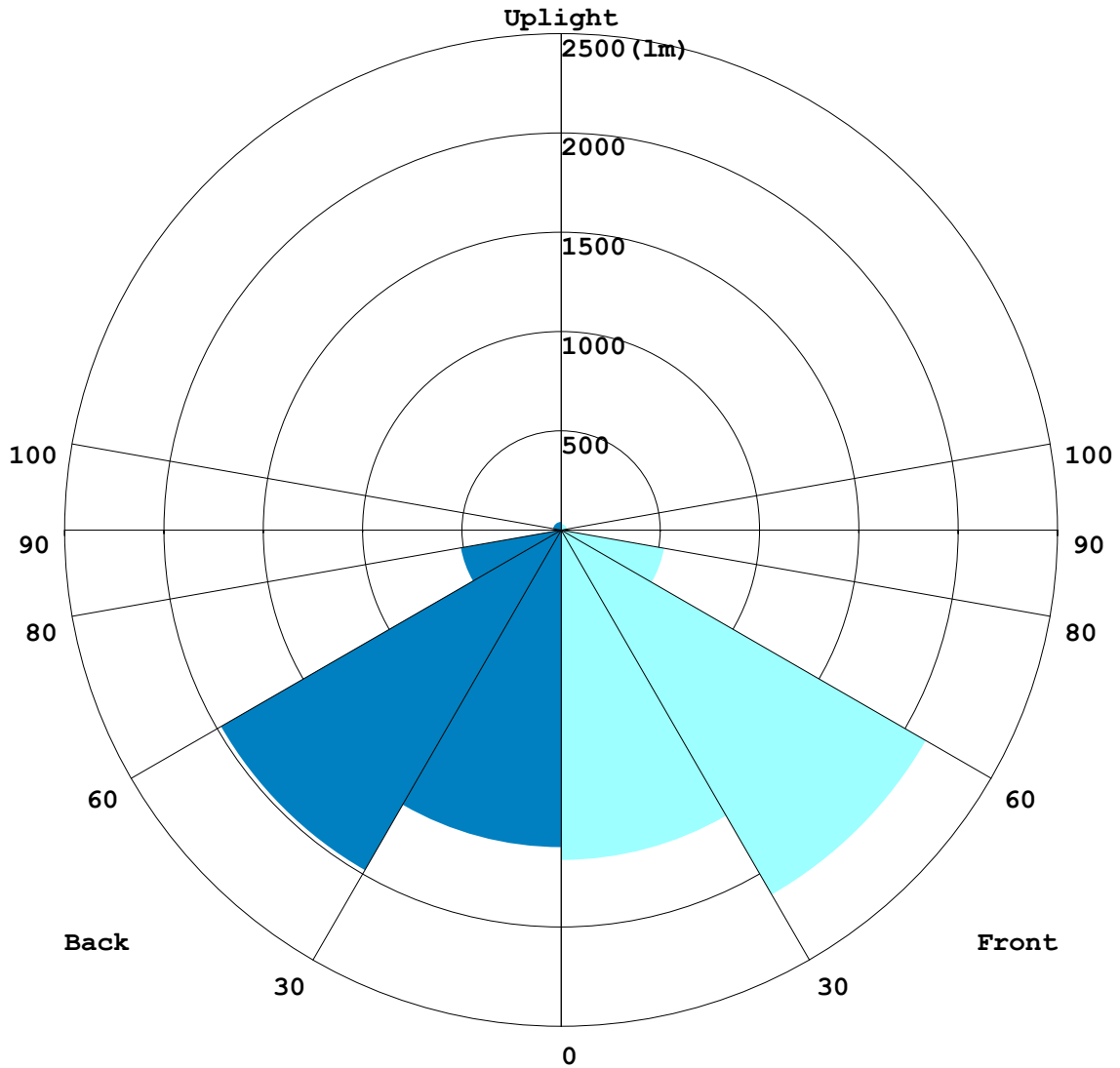
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu-1  
 Test Date: 2025-1-13

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity: 56%  
 Test Distance: 8.170m [K=1.0000]  
 Remarks:

LCS REPORT

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	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: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-1-13

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:8.170m [K=1.0000]  
 Remarks:

## BUG REPORT

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	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)	1661.5	19.5
FM - Front-Medium(30-60)	2120.4	24.8
FH - Front-High(60-80)	526.52	6.2
FVH - Front-Very High(80-90)	29.953	0.4
Total Forward Light	4375.1	51.2

BL - Back-Low(0-30)	1597.2	18.7
BM - Back-Medium(30-60)	1977.7	23.2
BH - Back-High(60-80)	513.16	6.0
BVH - Back-Very High(80-90)	29.433	0.3
Total Back Light	4162.6	48.8

UL - Uplight-Low(90-100)	11.004	0.1
UH - Uplight-High(100-180)	70.789	0.8
Total Up Light	81.794	1.0

BUG(Back,Up,Glare) Rating	B3-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4117.6	45.018	4162.6
Street Side	4338.4	36.776	4375.1

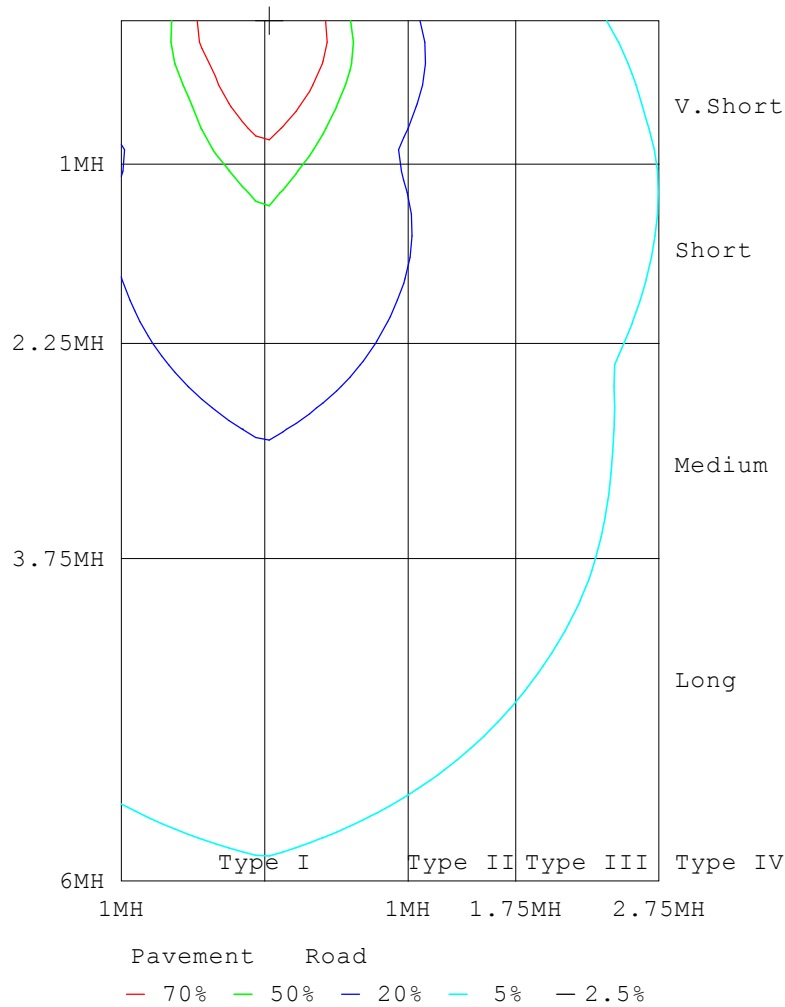
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-1-13

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:8.170m [K=1.0000]  
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	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: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-1-13

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:8.170m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.5113A P:61.29W PF:0.9973 Freq:59.98Hz Lamp Flux:8537.72x1 lm		
NAME: ASD-WLR-60BR-PC	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	45	90	135	180	225	270	315											
0	4596	4596	4596	4596	4596	4596	4596	4596											
5	4563	4543	4538	4602	4567	4539	4506	4441											
10	4489	4458	4422	4570	4495	4375	4272	4477											
15	4386	4295	4162	4363	4380	4134	3931	4414											
20	4244	4028	3704	4092	4223	3812	3498	3974											
25	4053	3644	3211	3794	4044	3422	2995	3362											
30	3818	3198	2680	3373	3817	2975	2432	3025											
35	3542	2694	2063	2862	3541	2498	1826	2545											
40	3247	2187	1454	2338	3212	1971	1303	2007											
45	2915	1604	1057	1783	2893	1428	994	1518											
50	2555	1085	879	1248	2515	1005	799	1077											
55	2194	866	696	998	2156	820	600	845											
60	1818	729	512	844	1801	695	419	749											
65	1437	542	329	630	1416	529	281	632											
70	1000	352	215	412	1007	352	175	448											
75	588	212	135	256	591	194	96.1	275											
80	230	114	70.7	149	248	106	56.5	156											
85	39.0	40.1	27.4	70.0	48.5	29.4	25.0	69.5											
90	3.78	6.01	9.67	39.9	5.38	5.32	7.35	24.0											
95	2.49	3.11	6.29	39.8	4.40	2.55	3.06	20.3											
100	2.34	1.75	4.44	42.0	5.04	3.27	2.75	22.6											
105	3.05	2.16	4.19	41.0	6.64	4.41	3.50	25.6											
110	3.91	2.82	4.15	38.7	8.37	5.85	4.42	25.4											
115	4.99	3.71	3.78	28.8	10.2	7.63	5.71	24.5											
120	6.24	4.92	3.15	22.9	12.2	9.62	7.35	24.3											
125	7.64	6.32	4.13	17.8	14.2	11.8	9.33	18.8											
130	9.21	7.89	5.33	11.5	16.1	14.0	11.7	19.9											
135	10.9	9.58	6.77	8.34	17.9	16.2	14.4	20.3											
140	12.6	11.3	8.41	9.66	19.7	18.1	17.3	22.1											
145	14.6	13.2	10.2	11.2	21.4	19.8	20.0	24.0											
150	16.5	15.0	12.1	13.0	22.9	21.3	21.9	25.6											
155	18.5	16.7	14.2	15.1	24.1	22.7	23.6	26.1											
160	20.4	18.6	16.6	17.6	25.1	23.8	25.1	26.9											
165	22.2	20.6	19.2	20.1	25.9	24.7	26.1	27.5											
170	24.0	22.5	21.7	22.8	26.3	25.3	26.7	27.7											
175	25.5	24.2	24.2	25.1	26.5	25.5	26.7	27.5											
180	26.3	25.1	25.8	26.7	26.3	25.2	25.9	26.7											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu-1  
 Test Date:2025-1-13

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:8.170m [K=1.0000]  
 Remarks: