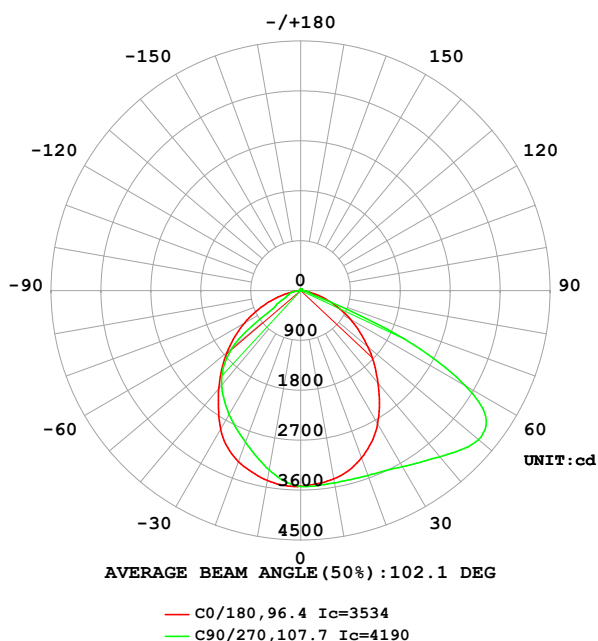
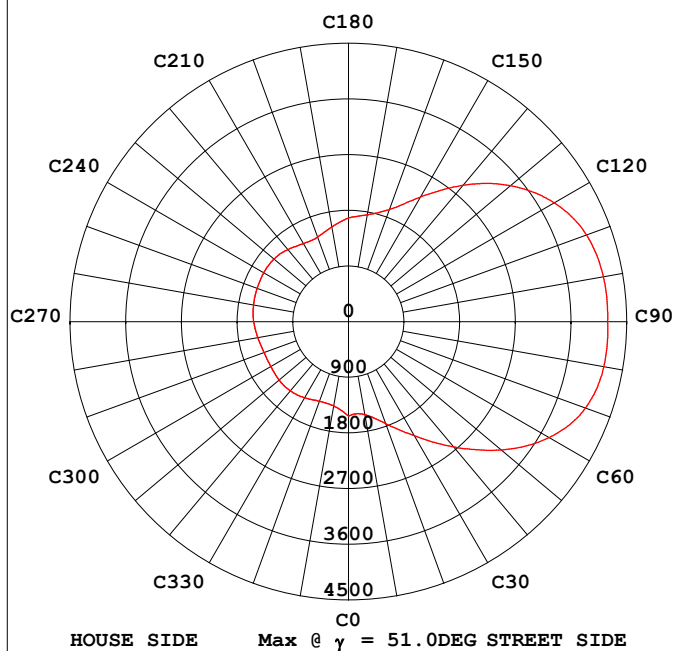


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.44 lm/W			
MODEL	ASD-WLP03-60BR-PC	I _{max} (cd)	4190	η street_up (%)	0.3
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	63.2
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	10107	η house_up (%)	0.5
NOMINAL FLUX (lm)	10107.3	MAXIMUM @ (C, γ)	90, 51.0	η house_down (%)	36.0
LAMPS INSIDE	1	η up (%)	0.8	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.2	SLI	

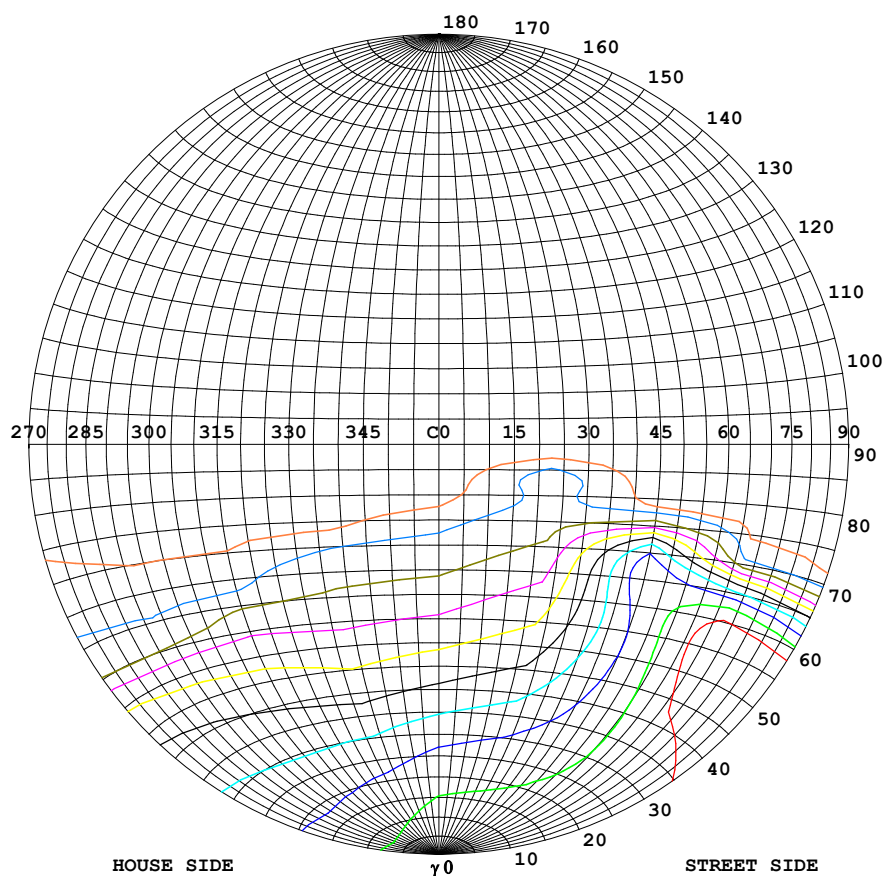
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:9.620m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



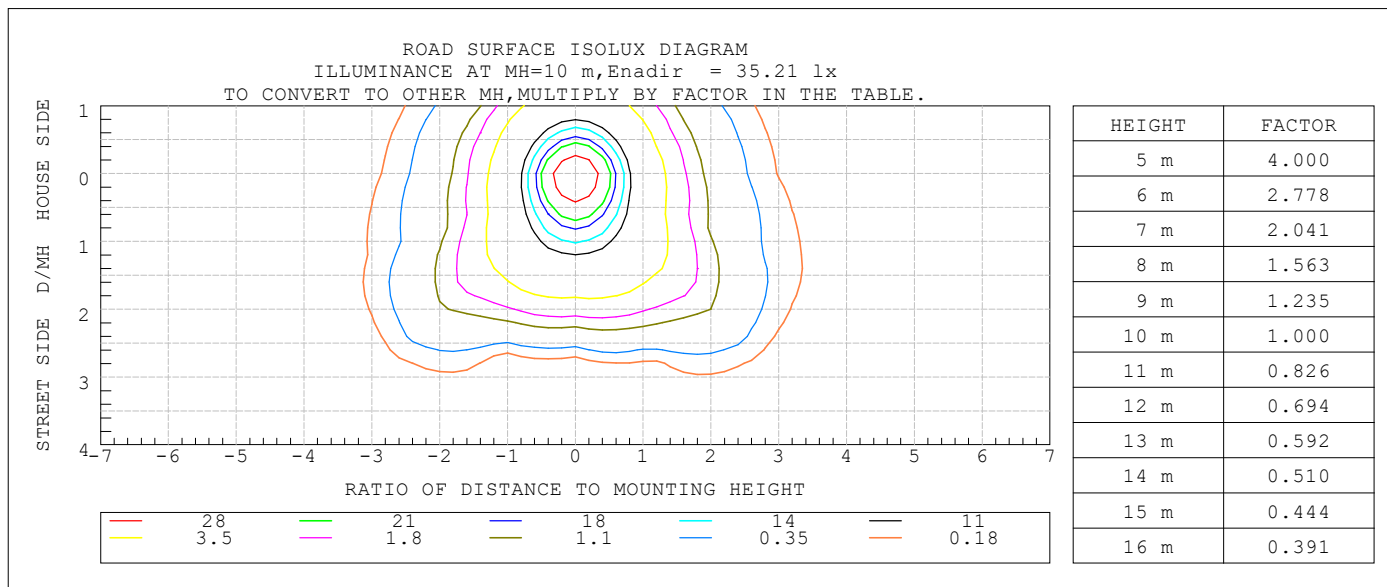
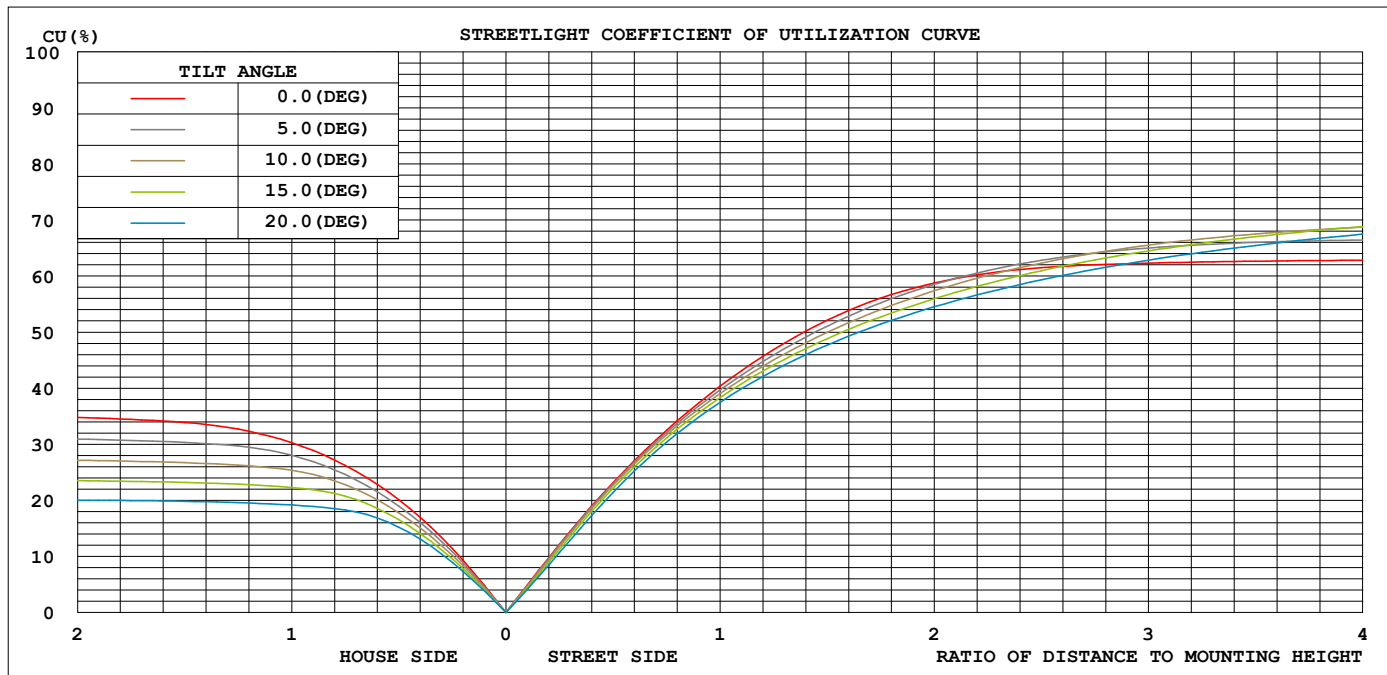
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:106.5cd/klm
Max.At90:8.390cd/klm
Max.80-90:118.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4190
90%	3771
80%	3352
70%	2933
60%	2514
50%	2095
40%	1676
30%	1257
20%	838
10%	419
5%	209

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:9.620m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DengJiaHao
Test Date: 2026-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity: 65.0%
Test Distance: 9.620m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

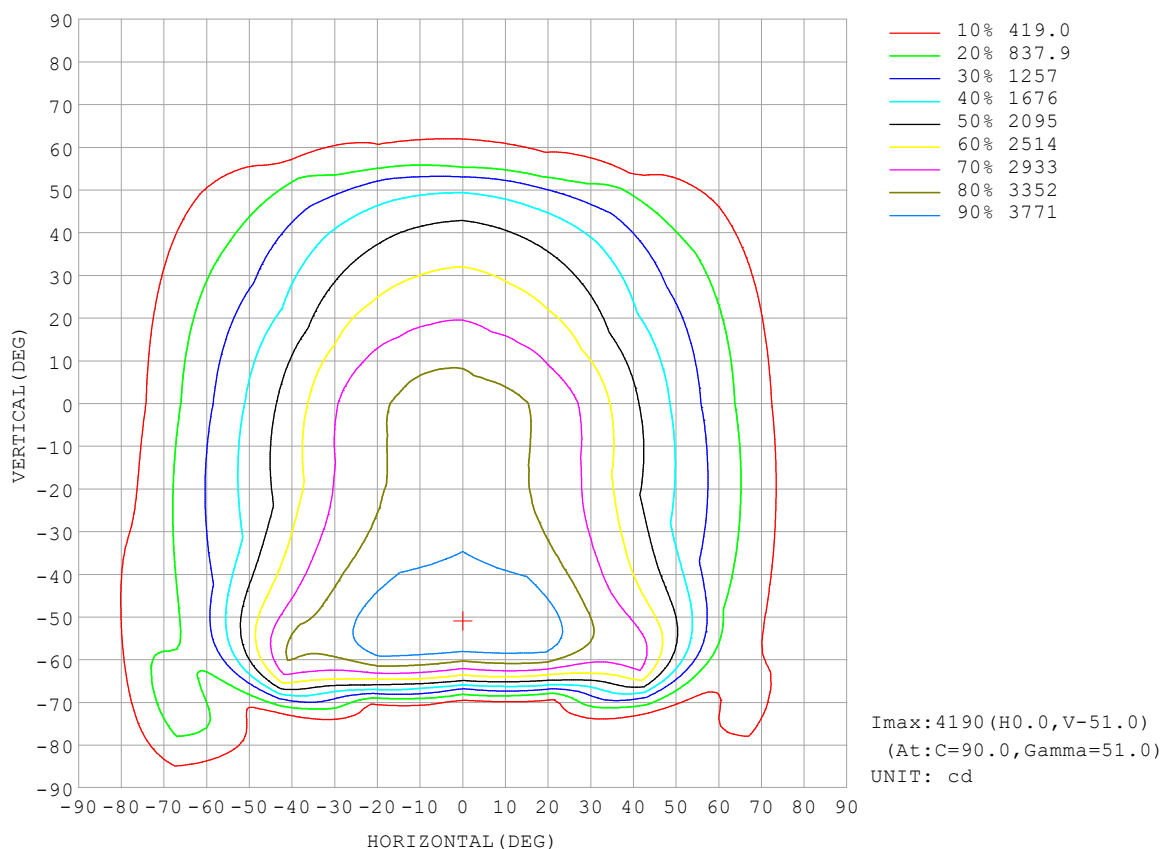
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3449	3481	3522	3515	3477	3365	3285	3283	0- 10	331.1	331.1	3.28,3.28
20	3209	3381	3549	3414	3286	2992	2914	2906	10- 20	936.6	1268	12.5,12.5
30	2778	3214	3669	3309	2889	2577	2586	2485	20- 30	1417	2685	26.6,26.6
40	2171	3054	3910	3204	2299	2126	2221	2051	30- 40	1737	4422	43.7,43.7
50	1588	2932	4183	3164	1737	1617	1621	1532	40- 50	1893	6315	62.5,62.5
60	1036	3049	3428	3321	1170	963.1	495.7	762.7	50- 60	1811	8126	80.4,80.4
70	527.8	2916	282.1	3079	621.9	255.4	244.3	216.5	60- 70	1311	9436	93.4,93.4
80	134.8	129.3	122.6	140.0	172.9	114.4	88.83	96.47	70- 80	463.7	9900	98,98
90	3.182	2.016	1.461	8.405	3.990	5.840	4.766	6.540	80- 90	126.2	10026	99.2,99.2
100	5.494	3.617	2.979	3.068	4.618	9.703	9.529	10.12	90-100	5.507	10032	99.3,99.3
110	8.528	6.196	5.501	5.472	7.355	13.14	14.93	13.31	100-110	8.116	10040	99.3,99.3
120	11.99	9.230	8.615	8.428	10.57	15.56	18.73	16.11	110-120	10.76	10051	99.4,99.4
130	15.29	12.36	11.75	11.38	13.78	18.52	20.92	18.75	120-130	12.40	10063	99.6,99.6
140	18.29	15.50	14.62	14.37	16.84	22.13	22.49	21.09	130-140	12.88	10076	99.7,99.7
150	20.85	18.56	17.49	17.58	19.63	24.62	25.64	23.05	140-150	12.20	10088	99.8,99.8
160	23.00	21.36	20.76	20.53	22.15	25.32	26.58	23.75	150-160	10.10	10098	99.9,99.9
170	24.75	23.67	23.44	22.79	24.45	25.82	26.17	24.38	160-170	6.664	10105	100,100
180	25.64	25.63	25.54	24.41	25.64	25.65	25.58	24.43	170-180	2.357	10107	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:9.620m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

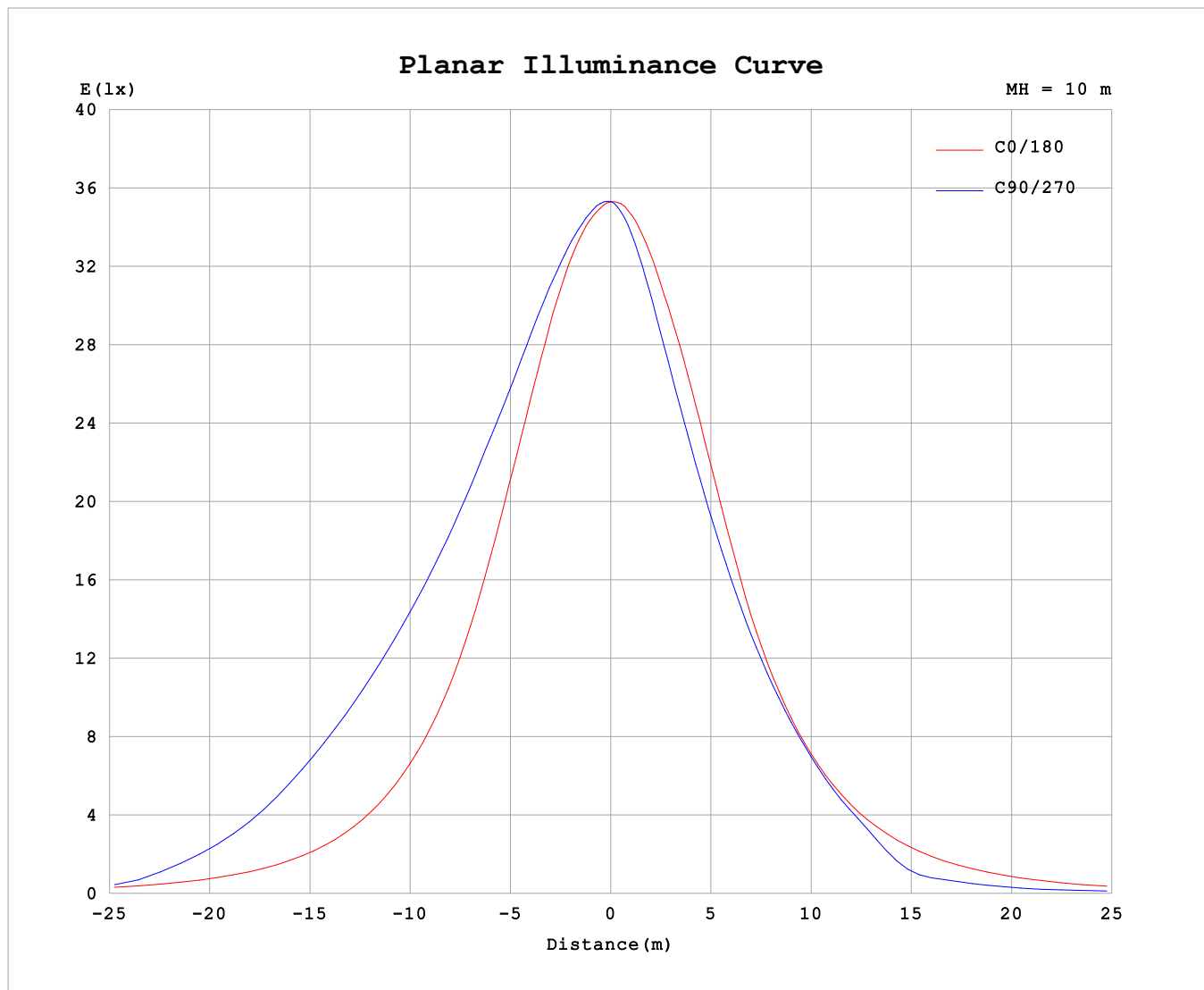
Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DengJiaHao
Test Date: 2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity: 65.0%
Test Distance: 9.620m [K=1.0000]
Remarks:

Planar Illuminance Curve



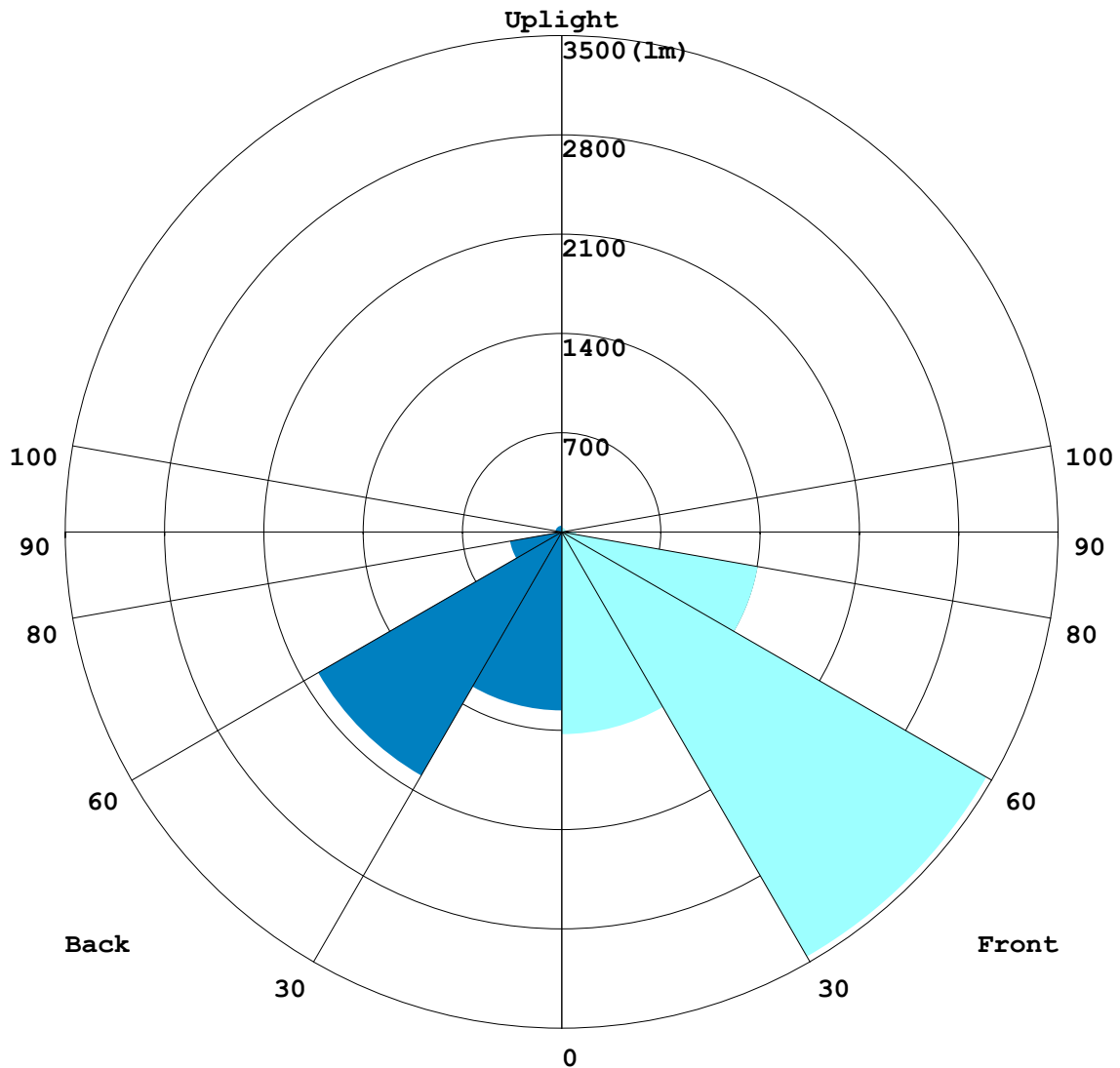
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DengJiaHao
Test Date: 2026-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity: 65.0%
Test Distance: 9.620m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DengJiaHao
 Test Date:2026-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
 Humidity:65.0%
 Test Distance:9.620m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1425.4	14.1
FM - Front-Medium(30-60)	3458.9	34.2
FH - Front-High(60-80)	1404.9	13.9
FVH - Front-Very High(80-90)	103.3	1.0
Total Forward Light	6425	63.6

BL - Back-Low(0-30)	1259.2	12.5
BM - Back-Medium(30-60)	1982.4	19.6
BH - Back-High(60-80)	369.34	3.7
BVH - Back-Very High(80-90)	22.881	0.2
Total Back Light	3682.2	36.4

UL - Uplight-Low(90-100)	5.5075	0.1
UH - Uplight-High(100-180)	75.471	0.7
Total Up Light	80.978	0.8

BUG(Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3633.8	48.406	3682.2
Street Side	6392.5	32.572	6425

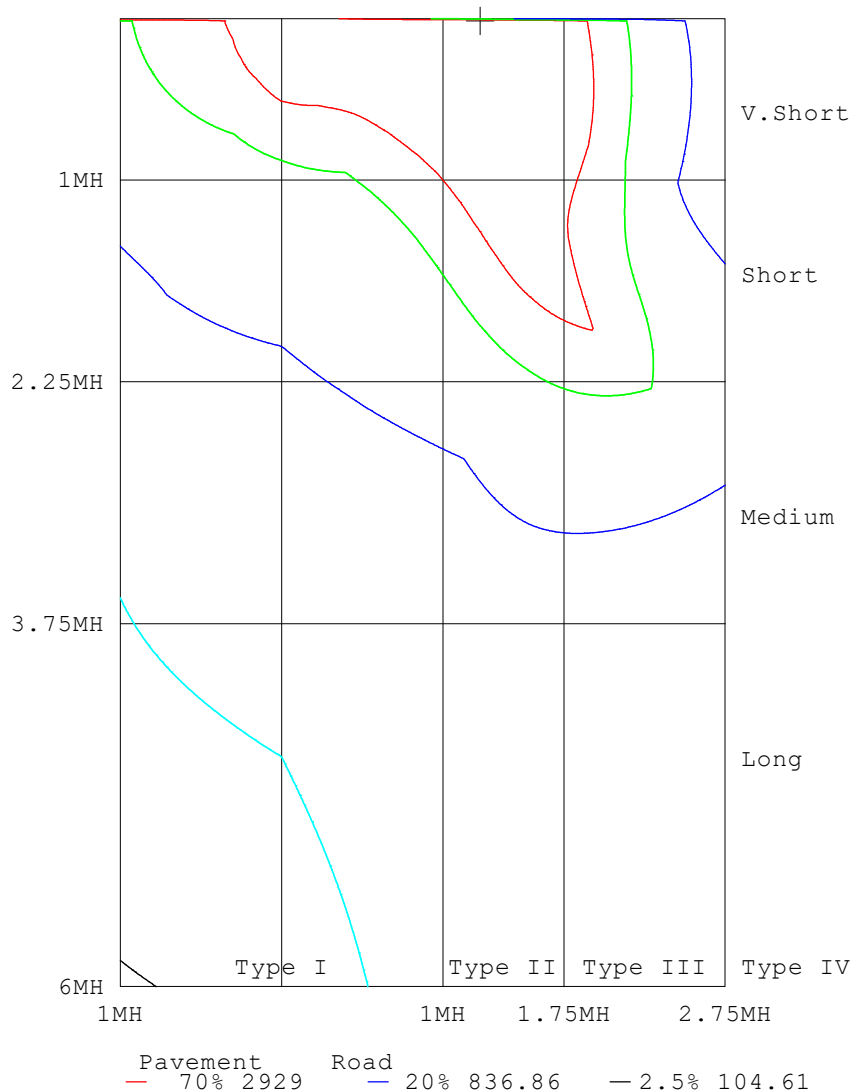
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:9.620m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DengJiaHao
 Test Date:2026-04-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
 Humidity:65.0%
 Test Distance:9.620m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.19V I:0.5105A P:60.363W PF:0.9837 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10107.3x1 lm		
Name: ASD-WLP03-60BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

Table--1

UNIT: cd

C (DEG) γ (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	3530	3531	3531	3531	3532	3521	3518	3520	3530	3531	3531	3531	3532	3521	3518	3520			
5	3498	3503	3513	3522	3531	3540	3538	3530	3524	3508	3484	3465	3449	3413	3427	3451			
10	3449	3473	3481	3497	3522	3530	3515	3495	3477	3431	3365	3312	3285	3240	3283	3363			
15	3360	3401	3442	3480	3524	3517	3465	3427	3389	3299	3195	3126	3097	3048	3105	3215			
20	3209	3284	3381	3486	3549	3522	3414	3337	3286	3147	2992	2927	2914	2858	2906	3020			
25	3021	3128	3304	3497	3588	3530	3360	3212	3122	2931	2788	2743	2746	2686	2702	2785			
30	2778	2939	3214	3535	3669	3560	3309	3042	2889	2670	2577	2563	2586	2512	2485	2535			
35	2483	2693	3125	3608	3777	3633	3250	2815	2588	2382	2361	2378	2408	2328	2274	2251			
40	2171	2418	3054	3701	3910	3728	3204	2553	2299	2079	2126	2182	2221	2134	2051	1958			
45	1879	2140	2990	3834	4069	3860	3175	2300	2018	1775	1881	1957	1976	1883	1809	1684			
50	1588	1888	2932	3995	4183	4021	3164	2050	1737	1500	1617	1649	1621	1533	1532	1431			
55	1302	1645	2933	4084	4088	4123	3197	1811	1454	1238	1311	1206	884	884	1196	1175			
60	1036	1406	3049	3812	3428	3926	3321	1581	1170	980	963	489	496	442	763	925			
65	775	1159	3238	2616	2066	2933	3472	1356	894	738	455	332	307	271	334	662			
70	528	903	2916	621	282	1012	3079	1129	622	499	255	226	244	207	216	405			
75	309	647	1128	193	143	217	1215	935	381	278	170	167	197	152	151	164			
80	135	510	129	111	123	130	140	1076	173	109	114	109	88.8	78.8	96.5	85.5			
85	36.6	448	47.9	52.3	53.6	76.5	68.0	896	48.7	45.4	55.9	34.5	30.9	20.2	22.7	31.9			
90	3.18	2.76	2.02	1.62	1.46	7.74	8.40	84.8	3.99	4.82	5.84	5.31	4.77	6.21	6.54	4.51			
95	4.21	3.23	2.62	2.27	1.99	1.90	2.17	2.89	3.51	5.82	7.66	7.42	7.01	8.44	8.23	5.69			
100	5.49	4.09	3.62	3.26	2.98	2.81	3.07	3.48	4.62	7.24	9.70	9.83	9.53	10.7	10.1	7.02			
105	6.93	5.35	4.81	4.43	4.15	3.91	4.18	4.63	5.91	8.76	11.6	12.4	12.2	13.1	11.9	8.55			
110	8.53	6.74	6.20	5.78	5.50	5.17	5.47	5.94	7.35	10.4	13.1	14.8	14.9	15.3	13.3	10.2			
115	10.2	8.26	7.71	7.28	7.00	6.61	6.91	7.36	8.93	12.1	14.4	16.7	17.2	17.0	14.6	11.7			
120	12.0	9.87	9.23	8.86	8.62	8.18	8.43	8.84	10.6	13.7	15.6	17.9	18.7	18.3	16.1	13.0			
125	13.7	11.6	10.8	10.4	10.2	9.79	9.92	10.4	12.2	15.4	17.0	18.9	19.9	19.5	17.6	14.4			
130	15.3	13.2	12.4	11.9	11.8	11.3	11.4	12.0	13.8	17.1	18.5	19.8	20.9	20.6	18.8	15.9			
135	16.8	14.9	14.0	13.4	13.2	12.7	12.9	13.6	15.3	18.7	20.3	20.7	21.7	21.3	19.7	17.5			
140	18.3	16.6	15.5	14.9	14.6	14.1	14.4	15.2	16.8	19.9	22.1	22.2	22.5	22.3	21.1	18.6			
145	19.6	18.2	17.0	16.3	16.0	15.5	15.9	16.7	18.3	20.9	23.7	24.1	24.0	23.7	22.3	19.6			
150	20.8	19.6	18.6	17.8	17.5	17.2	17.6	18.2	19.6	21.8	24.6	25.7	25.6	24.9	23.0	20.5			
155	22.0	20.9	20.0	19.3	19.1	18.8	19.1	19.6	20.9	22.6	25.0	26.4	26.5	25.3	23.4	21.4			
160	23.0	22.1	21.4	20.9	20.8	20.5	20.5	20.7	22.1	23.4	25.3	26.6	26.6	25.3	23.7	22.2			
165	23.9	23.2	22.5	22.2	22.2	21.9	21.7	21.7	23.4	24.2	25.6	26.6	26.4	25.2	24.1	23.0			
170	24.7	24.2	23.7	23.4	23.4	23.1	22.8	22.7	24.4	24.8	25.8	26.4	26.2	25.2	24.4	23.7			
175	25.4	25.1	24.8	24.6	24.6	24.2	23.7	23.7	25.2	25.3	25.9	26.2	25.9	25.1	24.5	24.1			
180	25.6	25.5	25.6	25.6	25.5	24.9	24.4	24.2	25.6	25.5	25.7	25.7	25.6	24.9	24.4	24.2			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.489
Humidity:65.0%
Test Distance:9.620m [K=1.0000]
Remarks: