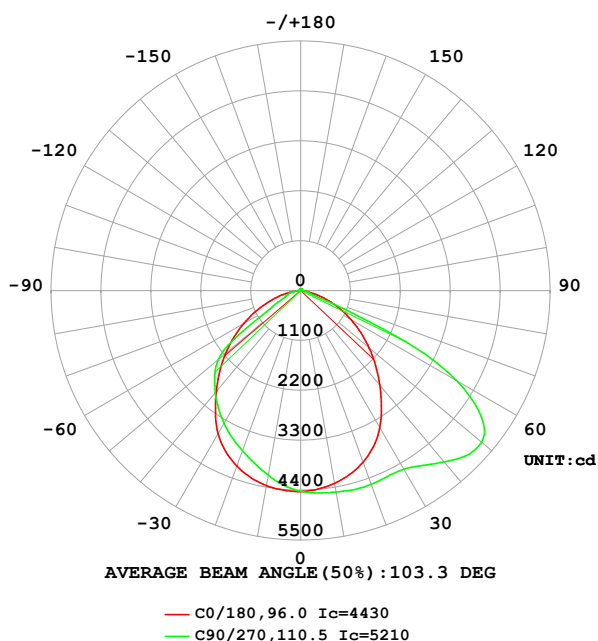
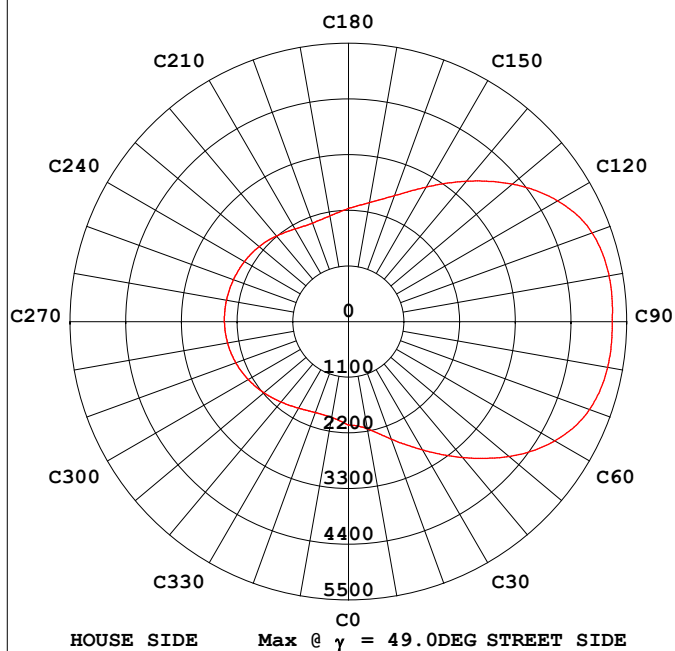


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-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: 162.18 lm/W			
MODEL	ASD-WLP03-80BR-PC	I _{max} (cd)	5210	η street_up (%)	0.3
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	61.2
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	12844	η house_up (%)	0.5
NOMINAL FLUX (lm)	12844.1	MAXIMUM @ (C, γ)	90,49.0	η house_down (%)	37.9
LAMPS INSIDE	1	η up (%)	0.8	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.2	SLI	

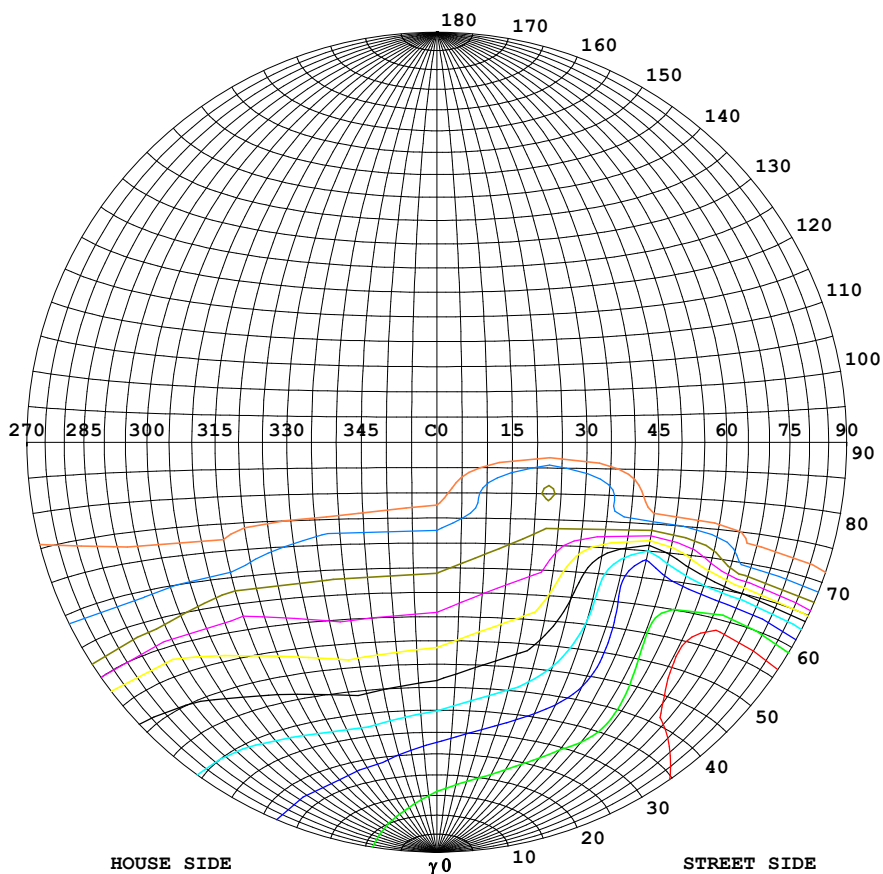
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: DengJiaHao
Test Date: 2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



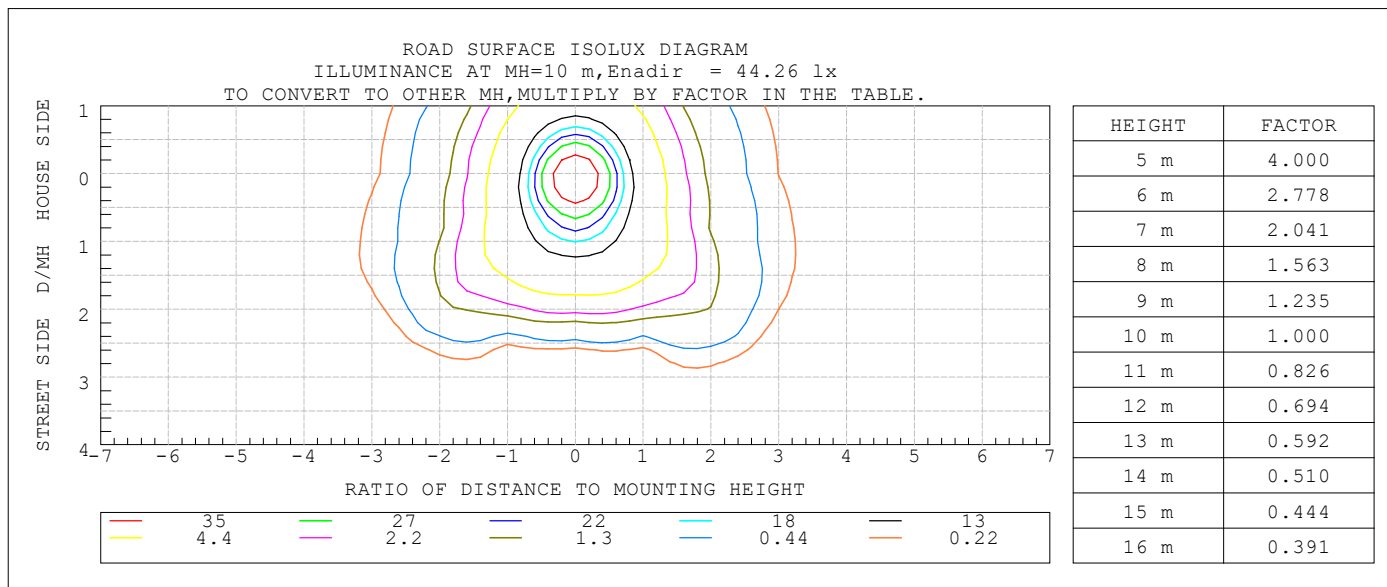
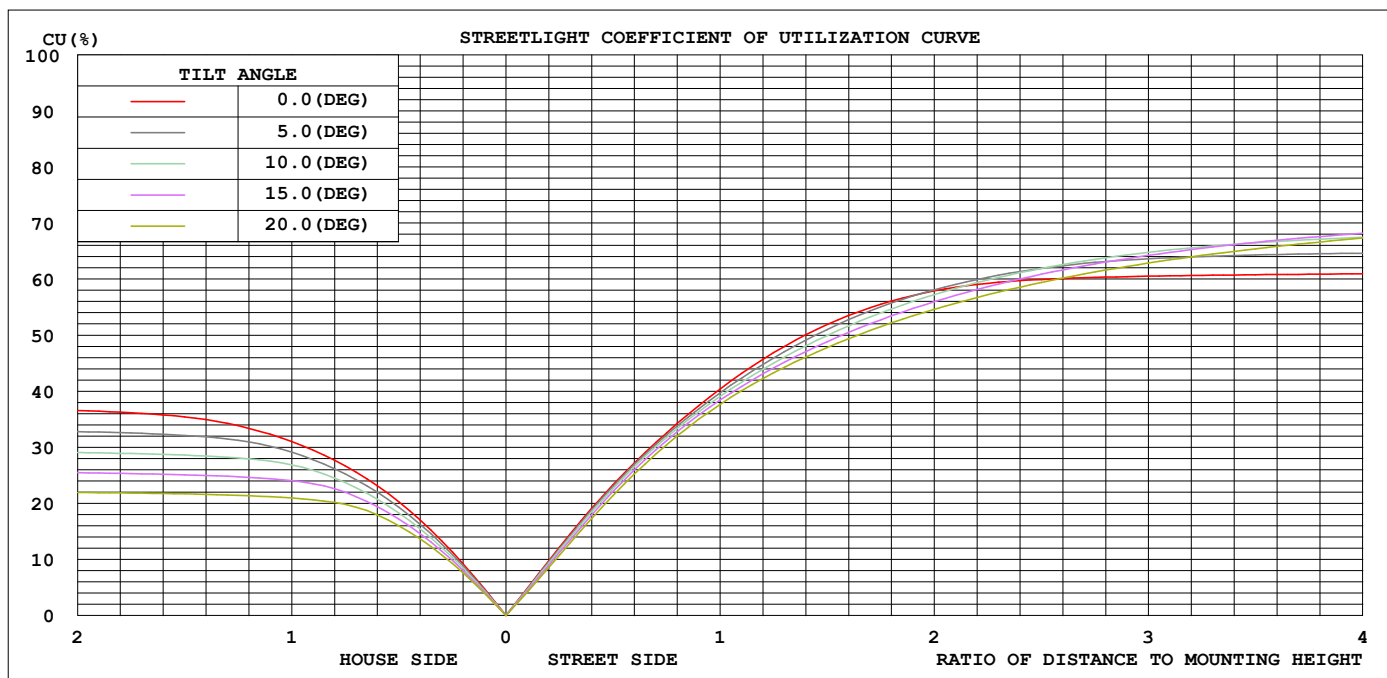
Classification:

IES:Type III - Very Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:85.46cd/klm
Max.At90:1.425cd/klm
Max.80-90:87.39cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5210
90%	4689
80%	4168
70%	3647
60%	3126
50%	2605
40%	2084
30%	1563
20%	1042
10%	521
5%	261

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-13

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: 2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

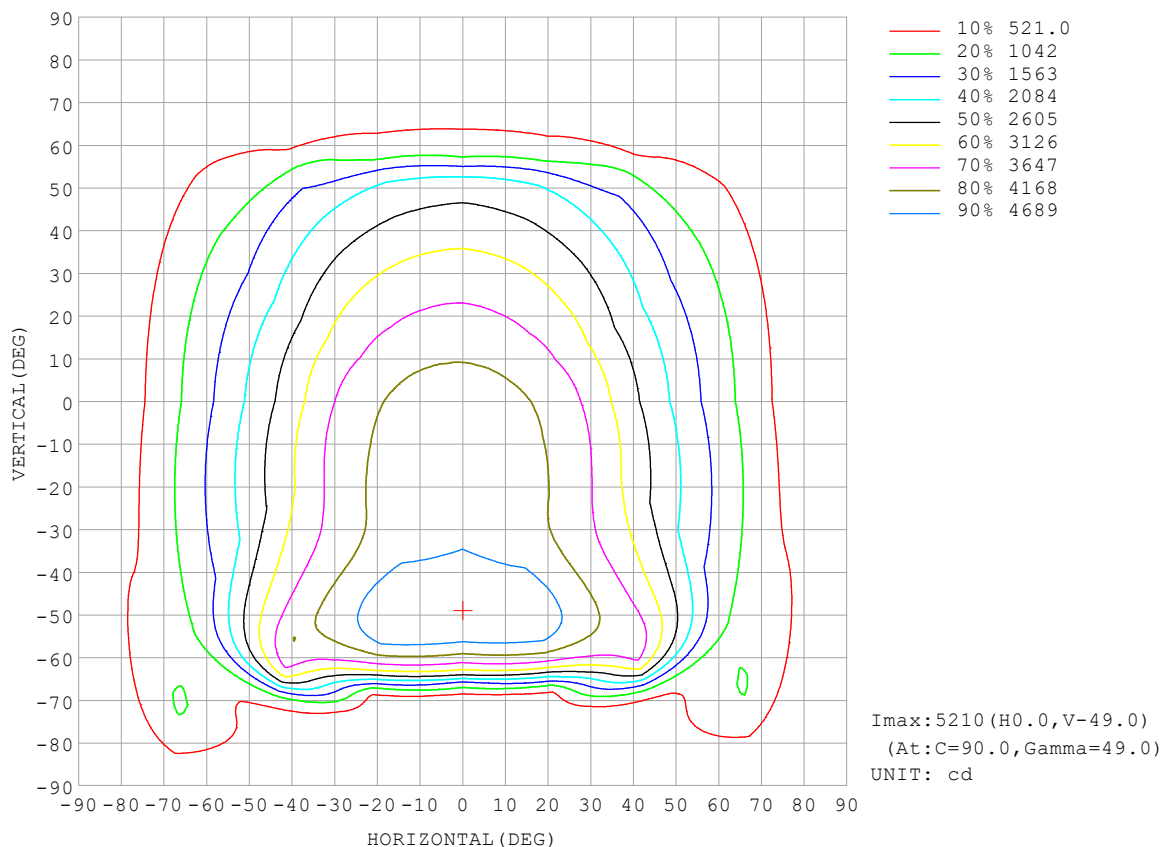
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4314	4436	4506	4465	4362	4208	4131	4171	0- 10	417.3	417.3	3.25,3.25
20	4026	4346	4545	4411	4117	3822	3756	3748	10- 20	1192	1609	12.5,12.5
30	3492	4154	4547	4246	3644	3369	3383	3262	20- 30	1815	3424	26.7,26.7
40	2717	3876	4926	3983	2893	2840	2933	2713	30- 40	2230	5654	44,44
50	1976	3830	5201	3929	2166	2202	2382	2065	40- 50	2450	8104	63.1,63.1
60	1289	4031	3958	4096	1448	1499	734.9	1372	50- 60	2362	10466	81.5,81.5
70	663.9	3118	295.9	3585	776.9	387.8	341.0	342.0	60- 70	1582	12048	93.8,93.8
80	162.2	149.6	132.6	189.0	242.7	163.8	176.3	146.2	70- 80	534.9	12583	98,98
90	4.019	2.777	2.015	2.683	6.588	8.649	5.831	8.019	80- 90	153.7	12737	99.2,99.2
100	7.053	5.258	4.532	4.788	6.269	12.42	11.92	12.84	90-100	6.878	12744	99.2,99.2
110	11.01	8.732	7.962	8.086	10.05	17.09	18.88	17.59	100-110	10.81	12755	99.3,99.3
120	15.45	12.71	12.17	11.94	14.39	20.32	24.52	21.37	110-120	14.45	12769	99.4,99.4
130	19.75	16.73	16.21	15.74	18.71	23.81	27.49	25.18	120-130	16.63	12786	99.5,99.5
140	23.60	20.64	19.68	19.68	22.57	28.33	29.14	28.07	130-140	17.14	12803	99.7,99.7
150	26.82	24.43	23.21	23.78	26.07	31.72	32.91	30.74	140-150	16.09	12819	99.8,99.8
160	29.66	27.96	27.42	27.58	29.07	32.62	34.36	31.62	150-160	13.27	12832	99.9,99.9
170	32.38	31.14	30.94	30.58	32.03	33.55	34.07	32.47	160-170	8.768	12841	100,100
180	33.64	33.61	33.62	32.76	33.59	33.58	33.64	32.80	170-180	3.109	12844	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:2026-04-13

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

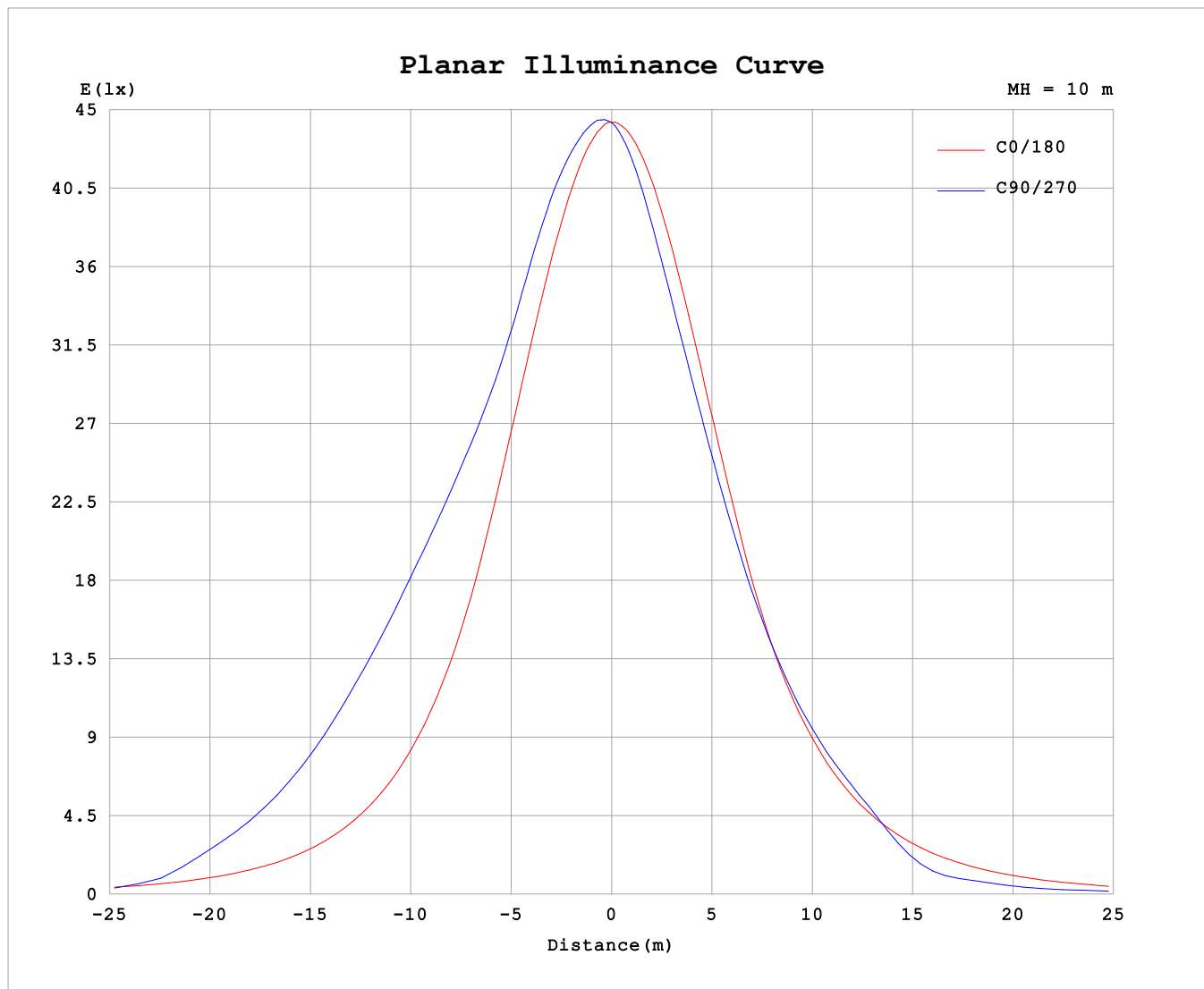
Test:U:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DengJiaHao
Test Date: 2026-04-13

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



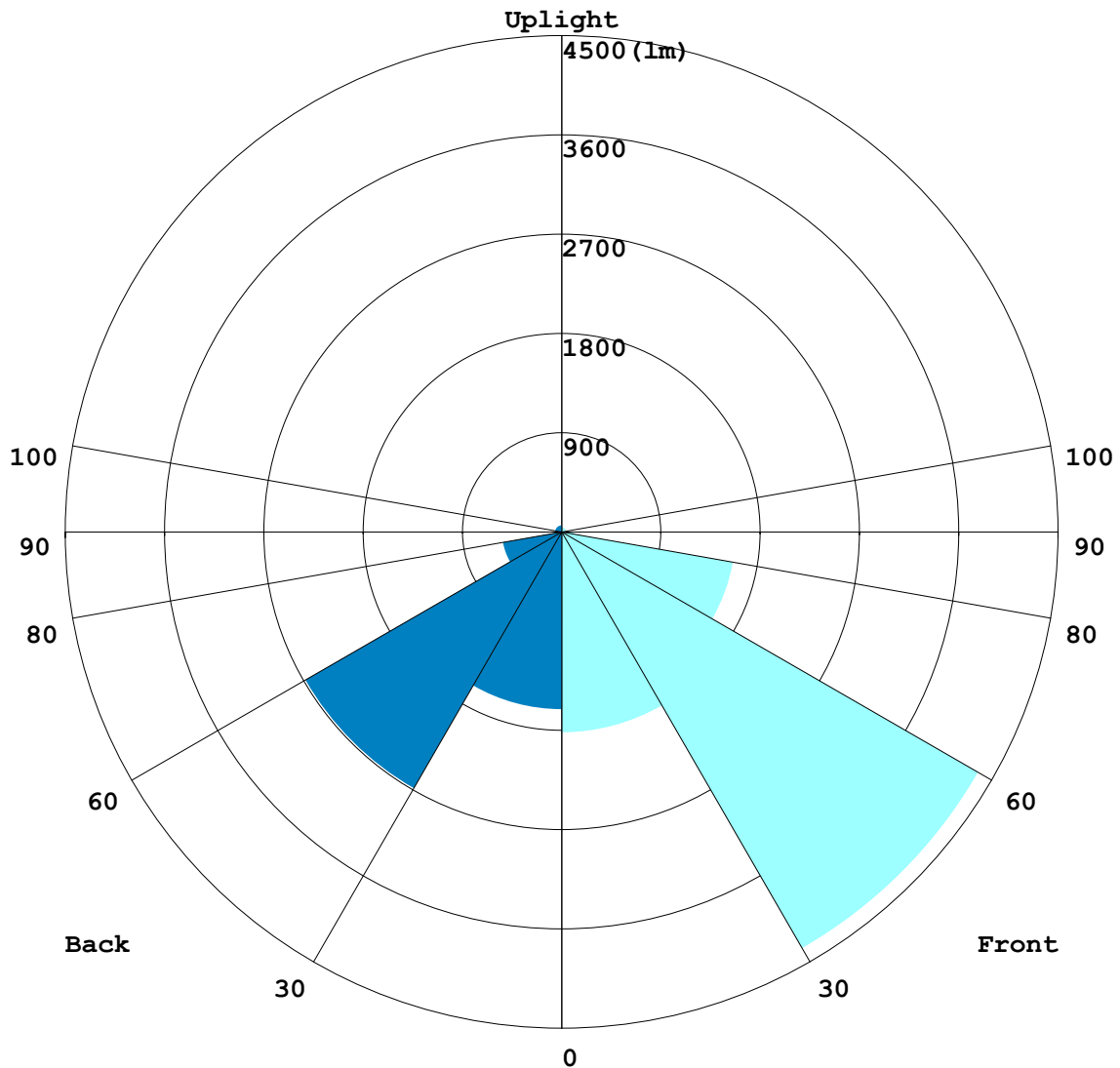
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DengJiaHao
Test Date: 2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-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:2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-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)	1815.9	14.1
FM - Front-Medium(30-60)	4357.8	33.9
FH - Front-High(60-80)	1577.2	12.3
FVH - Front-Very High(80-90)	113.91	0.9
Total Forward Light	7908.5	61.6

BL - Back-Low(0-30)	1608.5	12.5
BM - Back-Medium(30-60)	2683.8	20.9
BH - Back-High(60-80)	540.15	4.2
BVH - Back-Very High(80-90)	39.768	0.3
Total Back Light	4935.6	38.4

UL - Uplight-Low(90-100)	6.8784	0.1
UH - Uplight-High(100-180)	100.26	0.8
Total Up Light	107.14	0.8

BUG(Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4872.2	63.345	4935.6
Street Side	7864.7	43.793	7908.5

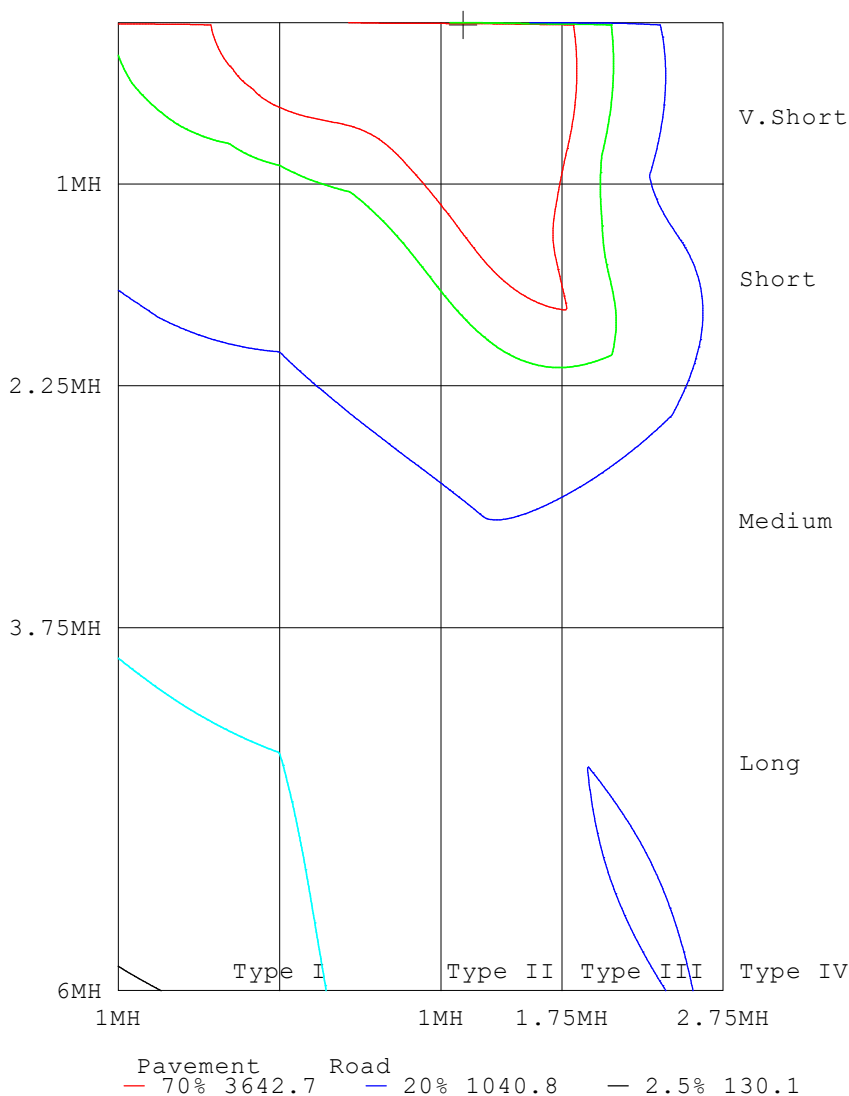
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-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:2026-04-13

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:120.09V I:0.6653A P:79.198W PF:0.9912 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:12844.1x1 lm		
Name: ASD-WLP03-80BR-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	4429	4429	4428	4428	4427	4427	4425	4423	4429	4429	4428	4428	4427	4427	4425	4423			
5	4392	4423	4448	4470	4478	4472	4462	4436	4414	4378	4342	4318	4306	4307	4324	4351			
10	4314	4378	4436	4485	4506	4497	4465	4417	4362	4283	4208	4152	4131	4132	4171	4231			
15	4194	4298	4398	4496	4543	4520	4444	4357	4265	4139	4024	3963	3942	3933	3967	4064			
20	4026	4179	4346	4486	4545	4518	4411	4257	4117	3937	3822	3774	3756	3733	3748	3842			
25	3797	4014	4270	4445	4523	4485	4346	4114	3914	3695	3603	3582	3577	3534	3512	3582			
30	3492	3804	4154	4404	4547	4449	4246	3927	3644	3419	3369	3378	3383	3327	3262	3271			
35	3107	3520	4006	4465	4704	4514	4114	3677	3280	3101	3121	3147	3161	3097	3003	2902			
40	2717	3179	3876	4634	4926	4688	3983	3339	2893	2736	2840	2896	2933	2848	2713	2537			
45	2340	2842	3811	4852	5149	4904	3912	3006	2531	2360	2527	2633	2686	2583	2395	2191			
50	1976	2509	3830	5029	5201	5095	3929	2674	2166	2007	2202	2350	2382	2292	2065	1861			
55	1621	2182	3897	4995	4871	5082	3994	2340	1804	1659	1873	1877	1556	1770	1739	1532			
60	1289	1864	4031	4347	3958	4484	4096	2002	1448	1330	1499	844	735	804	1372	1224			
65	970	1534	4089	2695	2026	3066	4175	1659	1105	1031	765	489	447	451	620	934			
70	664	1216	3118	436	296	542	3585	1319	777	751	388	315	341	301	342	651			
75	384	966	652	223	188	236	1022	1014	490	414	232	238	267	226	215	289			
80	162	1098	150	135	133	145	189	982	243	153	164	169	176	158	146	115			
85	43.7	607	51.8	45.6	44.8	57.9	76.0	860	75.2	70.4	91.7	66.3	64.3	57.8	73.0	49.7			
90	4.02	3.79	2.78	2.30	2.01	2.16	2.68	18.3	6.59	9.48	8.65	6.88	5.83	7.31	8.02	6.05			
95	5.38	4.38	3.88	3.43	3.11	3.22	3.49	3.98	4.74	7.43	9.92	9.36	8.65	9.98	10.3	7.78			
100	7.05	5.61	5.26	4.83	4.53	4.59	4.79	4.95	6.27	9.22	12.4	12.5	11.9	12.9	12.8	9.69			
105	8.92	7.34	6.89	6.46	6.15	6.21	6.35	6.50	8.08	11.2	15.0	15.7	15.3	16.1	15.5	11.8			
110	11.0	9.21	8.73	8.30	7.96	8.03	8.09	8.28	10.0	13.4	17.1	19.0	18.9	19.4	17.6	14.1			
115	13.2	11.2	10.7	10.4	10.0	10.0	10.0	10.2	12.2	15.6	18.8	21.6	22.2	22.0	19.5	16.3			
120	15.4	13.3	12.7	12.5	12.2	12.1	11.9	12.2	14.4	17.8	20.3	23.5	24.5	23.9	21.4	18.1			
125	17.7	15.5	14.7	14.5	14.3	14.1	13.8	14.3	16.6	20.1	22.0	24.8	26.1	25.4	23.5	20.0			
130	19.8	17.7	16.7	16.4	16.2	15.9	15.7	16.4	18.7	22.3	23.8	25.8	27.5	27.0	25.2	22.0			
135	21.7	19.8	18.8	18.2	18.0	17.6	17.7	18.5	20.7	24.3	26.0	26.8	28.3	28.0	26.5	23.9			
140	23.6	21.8	20.6	20.0	19.7	19.4	19.7	20.6	22.6	26.1	28.3	28.4	29.1	29.0	28.1	25.5			
145	25.3	23.7	22.5	21.6	21.3	21.2	21.7	22.5	24.4	27.5	30.4	30.8	30.9	30.8	29.7	26.7			
150	26.8	25.5	24.4	23.5	23.2	23.3	23.8	24.4	26.1	28.6	31.7	33.0	32.9	32.5	30.7	27.9			
155	28.3	27.1	26.3	25.5	25.3	25.4	25.8	26.0	27.6	29.6	32.3	34.0	34.2	33.2	31.3	29.0			
160	29.7	28.7	28.0	27.5	27.4	27.5	27.6	27.5	29.1	30.6	32.6	34.2	34.4	33.3	31.6	29.9			
165	31.1	30.3	29.6	29.3	29.3	29.3	29.2	29.0	30.6	31.5	33.1	34.2	34.2	33.3	32.1	31.0			
170	32.4	31.6	31.1	30.9	30.9	30.9	30.6	30.4	32.0	32.4	33.5	34.2	34.1	33.2	32.5	31.9			
175	33.2	32.7	32.5	32.4	32.5	32.3	31.8	31.7	33.0	33.1	33.7	34.1	33.9	33.2	32.8	32.4			
180	33.6	33.4	33.6	33.7	33.6	33.1	32.8	32.5	33.6	33.3	33.6	33.6	33.6	33.1	32.8	32.5			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-13

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: