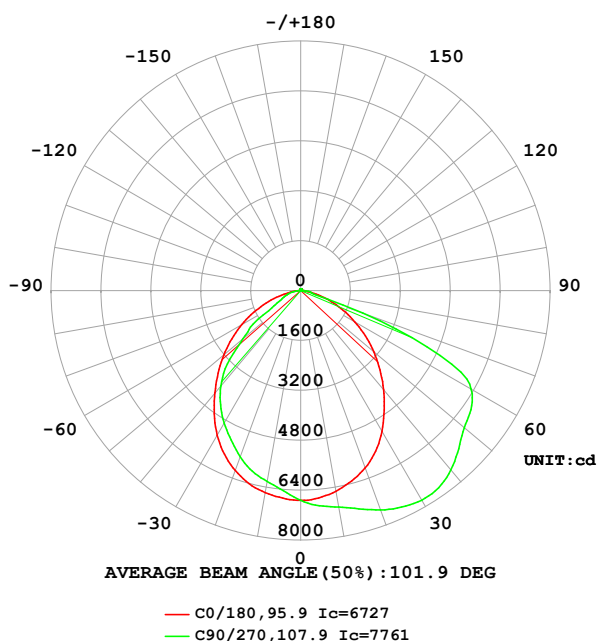
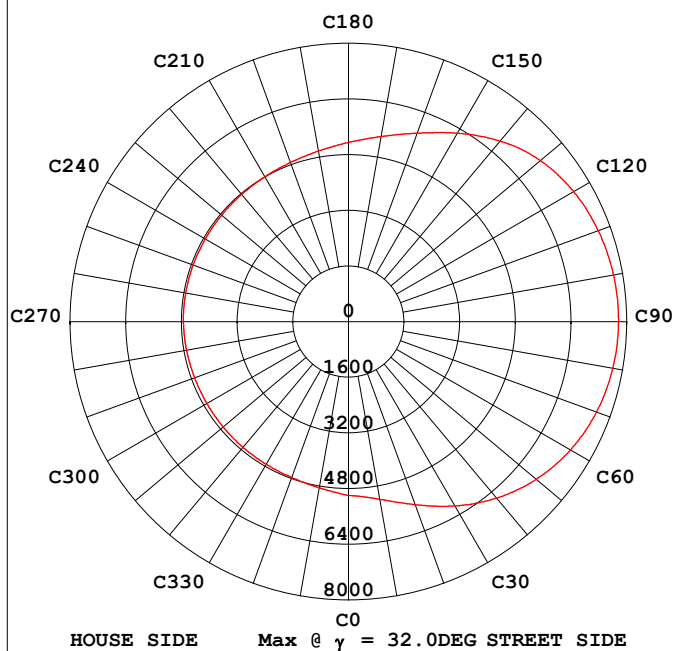


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-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: 164.84 lm/W			
MODEL	ASD-WLP03-120BR-PC	I _{max} (cd)	7761	η street_up (%)	0.3
NOMINAL POWER (W)	120	LOR (%)	100.0	η street_down (%)	64.1
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	19635	η house_up (%)	0.5
NOMINAL FLUX (lm)	19635.5	MAXIMUM @ (C, γ)	90, 32.0	η house_down (%)	35.1
LAMPS INSIDE	1	η up (%)	0.8	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.2	SLI	

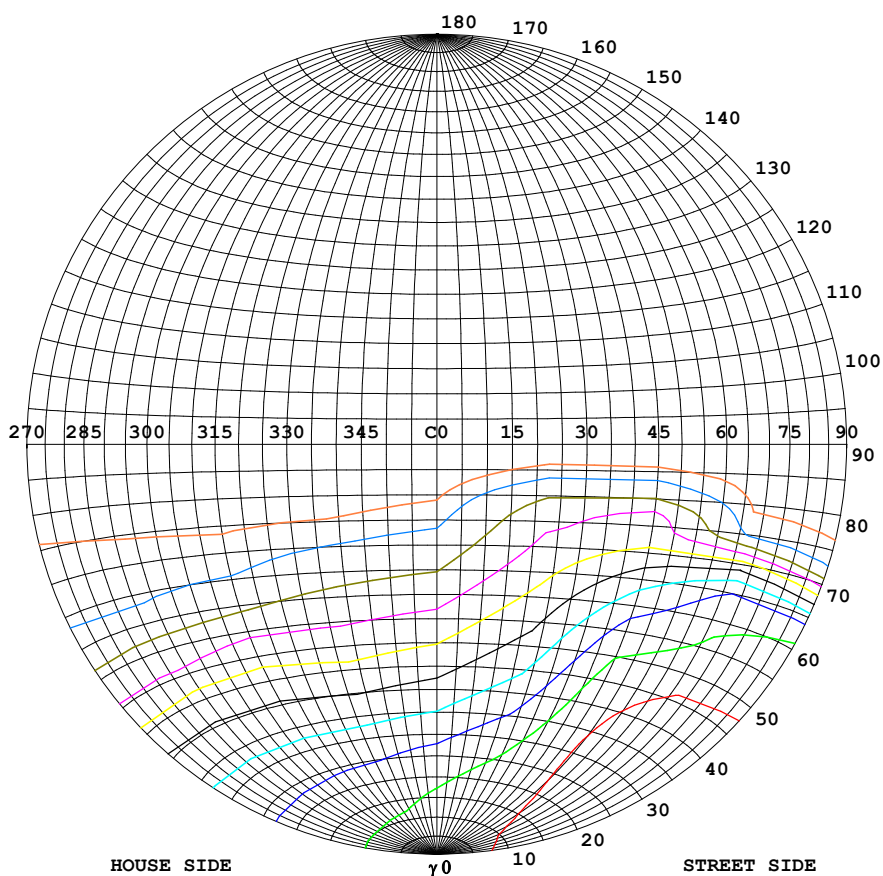
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



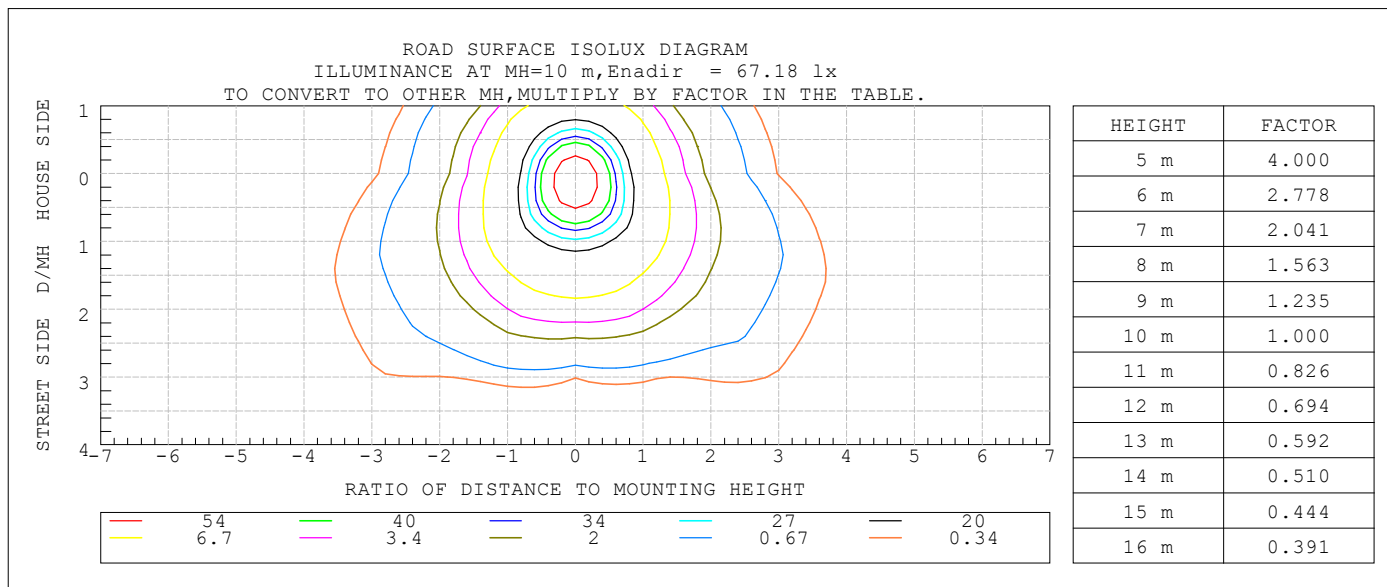
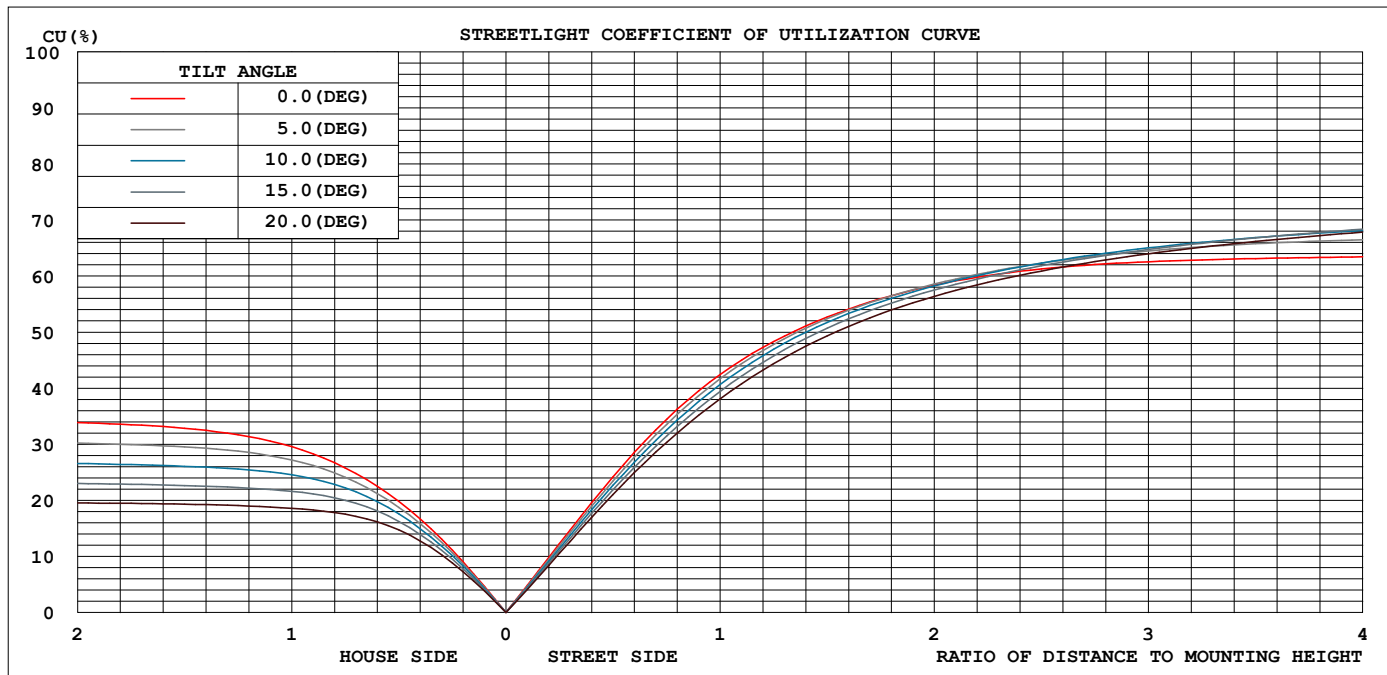
Classification:

IES:Type III - Very Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:80.20cd/klm
Max.At90:2.457cd/klm
Max.80-90:80.20cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7761
90%	6985
80%	6209
70%	5433
60%	4657
50%	3881
40%	3104
30%	2328
20%	1552
10%	776
5%	388

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℃
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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:

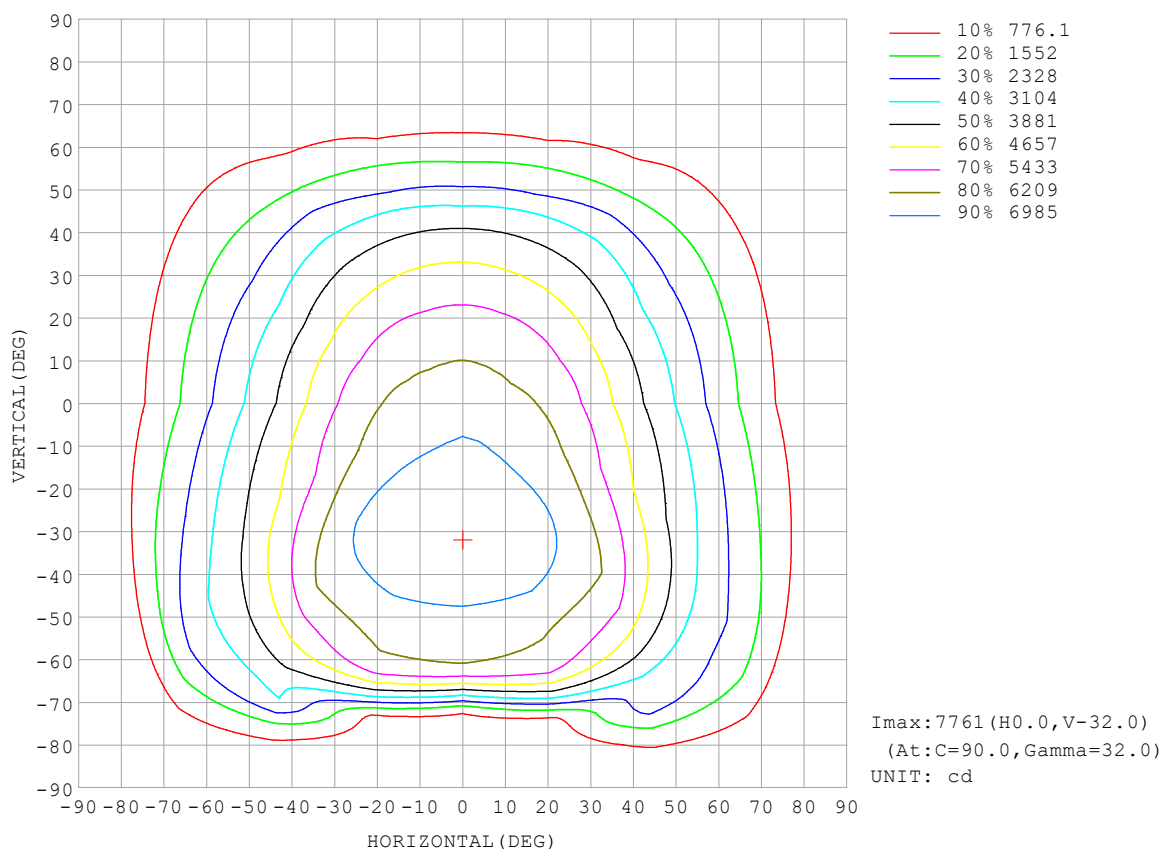
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	6535	6874	7048	6881	6577	6259	6211	6236	0- 10	633.5	633.5	3.23,3.23
20	6049	6858	7483	6956	6139	5768	5669	5703	10- 20	1827	2461	12.5,12.5
30	5213	6865	7758	7021	5354	4945	4908	4891	20- 30	2821	5282	26.9,26.9
40	4141	6703	7499	6922	4280	4030	3985	3958	30- 40	3462	8744	44.5,44.5
50	3069	6182	6850	6444	3223	2921	2425	2837	40- 50	3618	12362	63,63
60	2011	5103	6311	5292	2191	1533	1001	1417	50- 60	3275	15637	79.6,79.6
70	1053	3333	2125	3731	1180	545.1	538.8	507.2	60- 70	2475	18112	92.2,92.2
80	325.2	1575	330.3	1276	372.5	226.3	208.5	218.6	70- 80	1129	19241	98,98
90	6.510	47.32	17.49	48.24	5.956	9.916	8.522	9.610	80- 90	242.7	19484	99.2,99.2
100	10.78	6.550	5.360	6.002	8.990	17.08	16.48	16.14	90-100	9.707	19493	99.3,99.3
110	16.71	11.25	9.809	10.53	14.26	24.25	26.46	23.08	100-110	14.58	19508	99.4,99.4
120	23.49	16.97	15.53	16.12	20.48	30.53	33.99	29.40	110-120	19.81	19528	99.5,99.5
130	30.48	23.09	21.68	21.96	27.06	36.35	39.62	34.76	120-130	23.39	19551	99.6,99.6
140	36.51	29.27	27.38	27.68	33.18	42.08	44.14	39.53	130-140	24.66	19576	99.7,99.7
150	41.35	35.08	32.68	33.46	38.63	46.22	48.43	42.73	140-150	23.34	19599	99.8,99.8
160	44.99	40.22	38.28	38.58	43.36	48.60	49.34	44.69	150-160	19.13	19618	99.9,99.9
170	48.30	45.28	44.07	43.30	47.59	49.96	50.04	46.33	160-170	12.66	19631	100,100
180	49.93	49.58	49.25	46.77	50.08	49.62	49.29	46.80	170-180	4.527	19635	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

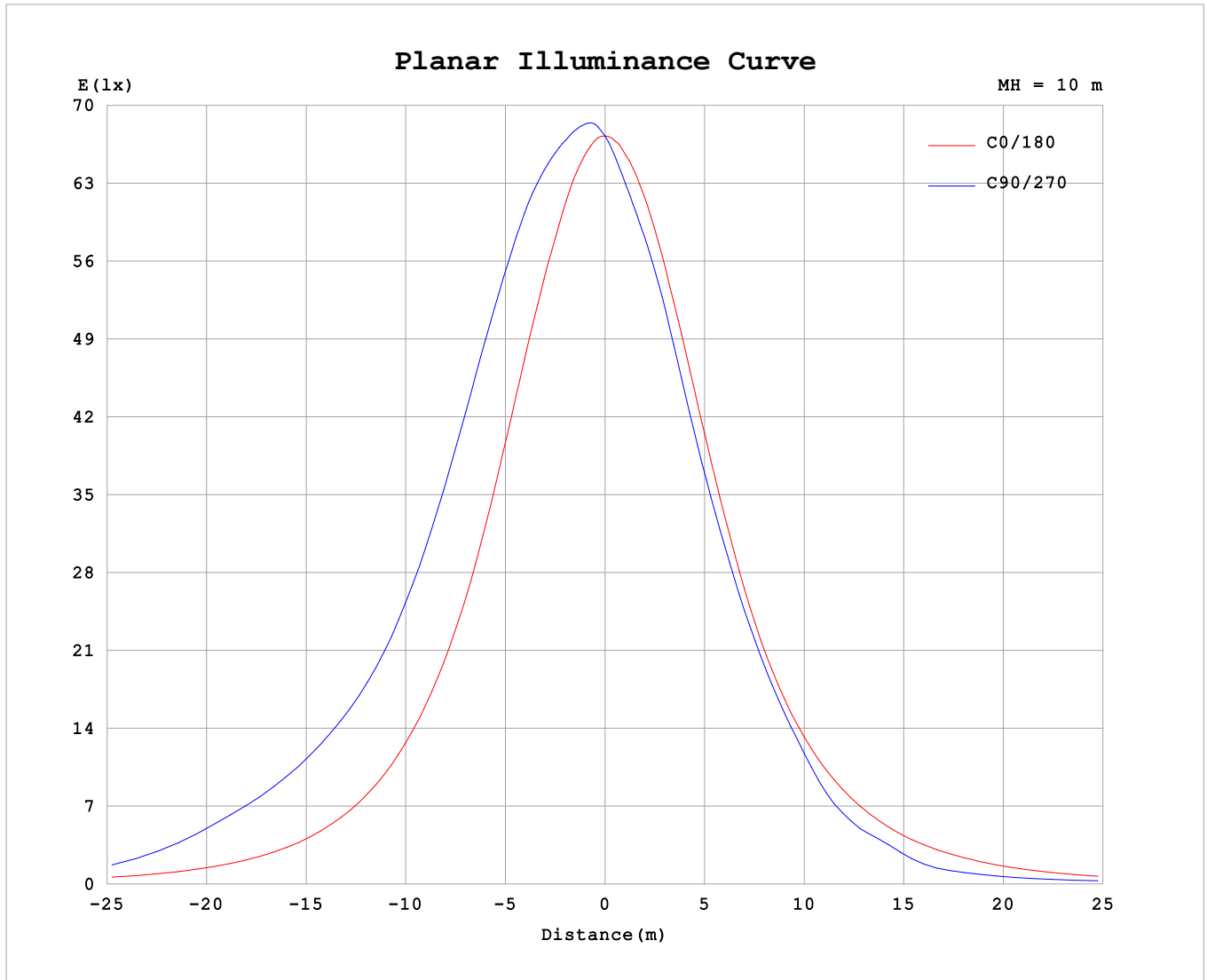
Test:U:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-PC	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES-D5
MFR.:	SUR.: 0.1*0.3	shielding angle:



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



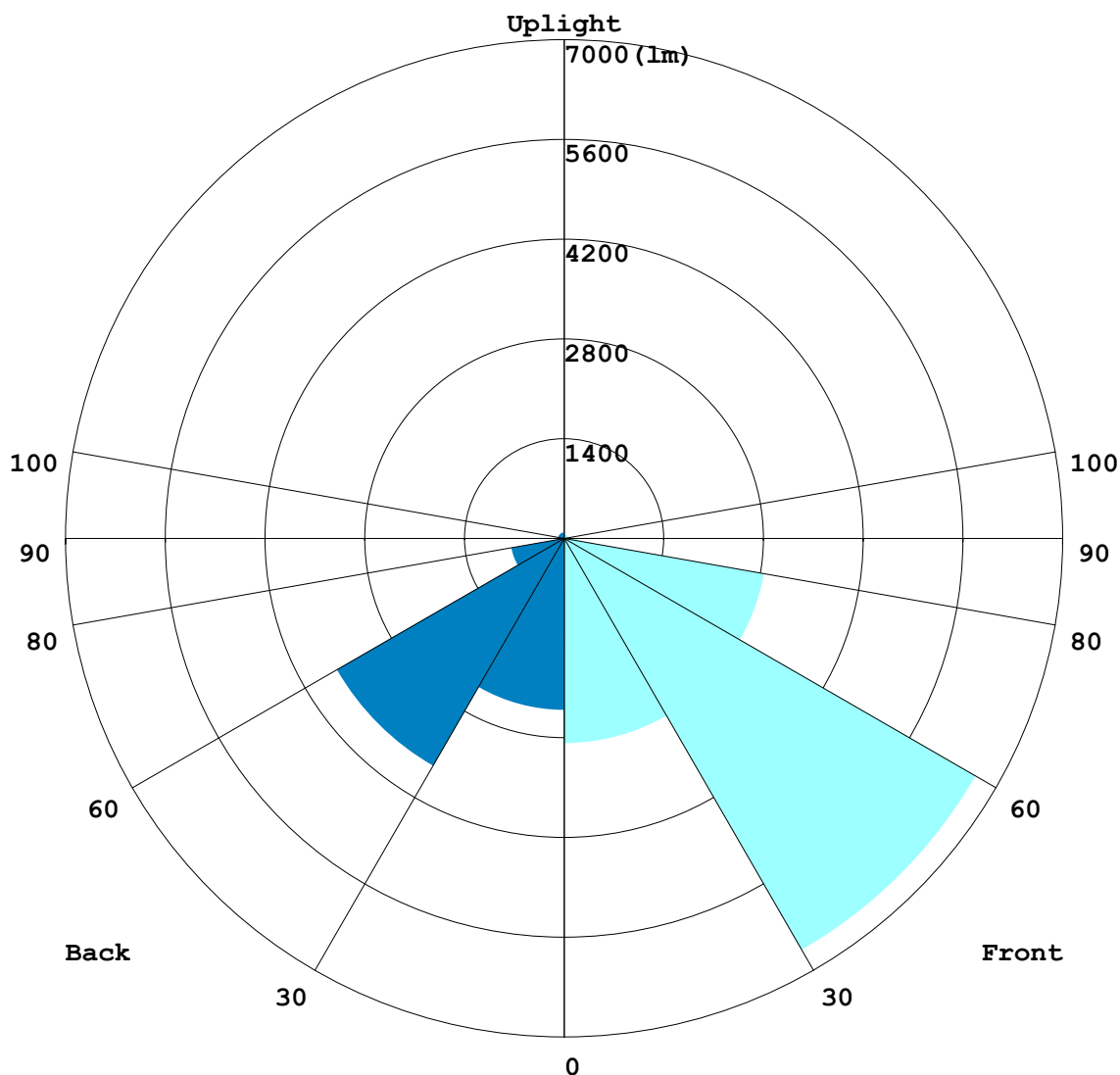
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DengJiaHao
 Test Date: 2026-04-14

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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-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)	2874.9	14.6
FM - Front-Medium(30-60)	6671	34.0
FH - Front-High(60-80)	2848.7	14.5
FVH - Front-Very High(80-90)	195.88	1.0
Total Forward Light	12653	64.4

BL - Back-Low(0-30)	2407.1	12.3
BM - Back-Medium(30-60)	3684.2	18.8
BH - Back-High(60-80)	754.92	3.8
BVH - Back-Very High(80-90)	46.837	0.2
Total Back Light	6983	35.6

UL - Uplight-Low(90-100)	9.7066	0.0
UH - Uplight-High(100-180)	142.11	0.7
Total Up Light	151.81	0.8

BUG(Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6893.1	89.844	6983
Street Side	12591	61.969	12653

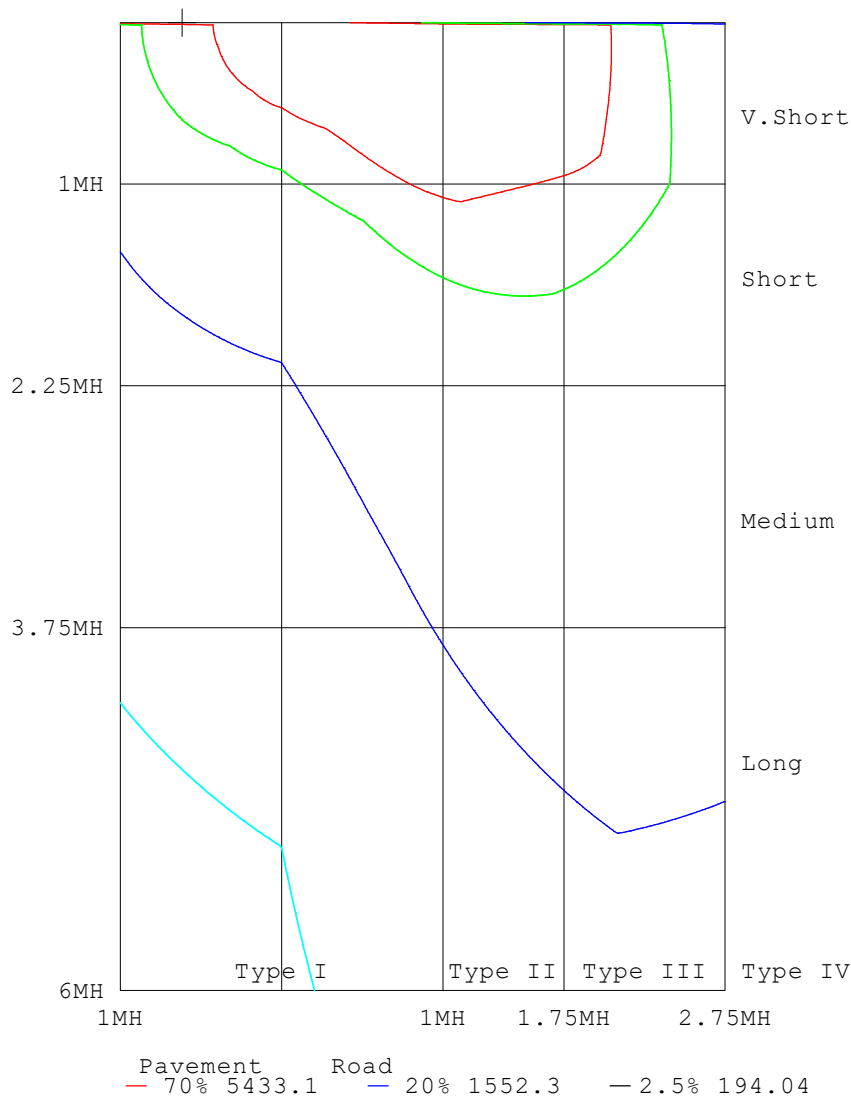
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DengJiaHao
Test Date:2026-04-14

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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-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:119.99V I:1.0001A P:119.12W PF:0.9927 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:19635.5x1 lm		
Name: ASD-WLP03-120BR-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	6725	6729	6728	6724	6724	6718	6712	6689	6725	6729	6728	6724	6724	6718	6712	6689			
5	6672	6767	6851	6900	6919	6894	6834	6746	6678	6584	6510	6461	6443	6449	6483	6534			
10	6535	6719	6874	6996	7048	6985	6881	6731	6577	6381	6259	6214	6211	6207	6236	6320			
15	6318	6605	6864	7128	7243	7133	6910	6666	6409	6153	6029	5992	5999	5987	5999	6049			
20	6049	6442	6858	7286	7483	7318	6956	6510	6139	5848	5768	5681	5669	5666	5703	5766			
25	5685	6207	6866	7446	7661	7486	6992	6287	5789	5493	5390	5290	5290	5269	5326	5416			
30	5213	5882	6865	7525	7758	7592	7021	6003	5354	5055	4945	4911	4908	4872	4891	4966			
35	4673	5464	6810	7518	7716	7605	6997	5654	4833	4536	4504	4502	4481	4445	4430	4424			
40	4141	5012	6703	7377	7499	7453	6922	5240	4280	3978	4030	4021	3985	3963	3958	3843			
45	3598	4575	6504	7077	7167	7150	6748	4850	3744	3411	3510	3443	3326	3386	3440	3276			
50	3069	4144	6182	6673	6850	6763	6444	4471	3223	2858	2921	2629	2425	2528	2837	2745			
55	2535	3723	5729	6320	6665	6470	5956	4095	2703	2337	2288	1892	1861	1881	2151	2235			
60	2011	3303	5103	6046	6311	6207	5292	3723	2191	1846	1533	1123	1001	1040	1417	1740			
65	1514	2894	4294	5423	4935	5461	4576	3373	1673	1371	1012	698	687	675	855	1272			
70	1053	2519	3333	3412	2125	3200	3731	3044	1180	929	545	507	539	506	507	799			
75	648	2167	2702	690	442	600	3095	2576	732	520	355	370	409	369	347	418			
80	325	1471	1575	345	330	354	1276	1451	372	218	226	207	209	187	219	193			
85	107	532	481	189	171	207	363	424	119	82.4	78.7	55.2	47.8	51.2	58.5	71.2			
90	6.51	18.2	47.3	18.4	17.5	22.7	48.2	28.4	5.96	8.16	9.92	8.91	8.52	9.44	9.61	7.07			
95	8.27	5.86	4.92	4.09	3.78	3.86	4.45	5.11	6.85	10.7	13.4	12.6	12.2	12.9	12.6	9.38			
100	10.8	7.72	6.55	5.81	5.36	5.48	6.00	6.77	8.99	13.5	17.1	17.1	16.5	17.0	16.1	12.1			
105	13.6	10.1	8.72	7.90	7.38	7.53	8.09	8.97	11.5	16.5	20.7	21.8	21.4	21.7	19.6	14.9			
110	16.7	12.8	11.3	10.3	9.81	9.92	10.5	11.5	14.3	19.6	24.2	26.2	26.5	26.2	23.1	17.8			
115	20.0	15.7	14.0	13.1	12.5	12.6	13.3	14.2	17.3	22.7	27.5	29.7	30.7	29.7	26.3	20.8			
120	23.5	18.8	17.0	16.0	15.5	15.6	16.1	17.1	20.5	26.0	30.5	32.7	34.0	32.8	29.4	23.7			
125	27.0	22.0	20.0	19.0	18.6	18.6	19.1	20.1	23.8	29.3	33.5	35.6	37.0	35.9	32.3	26.6			
130	30.5	25.4	23.1	22.0	21.7	21.6	22.0	23.2	27.1	32.6	36.4	38.2	39.6	38.5	34.8	29.4			
135	33.6	28.7	26.2	25.0	24.7	24.5	24.8	26.3	30.2	35.6	39.2	40.8	41.7	40.3	37.2	32.1			
140	36.5	31.9	29.3	27.9	27.4	27.3	27.7	29.3	33.2	38.4	42.1	43.6	44.1	42.6	39.5	34.6			
145	39.1	35.0	32.2	30.6	30.0	30.0	30.6	32.2	36.0	40.7	44.4	46.4	46.8	44.9	41.3	36.8			
150	41.3	37.7	35.1	33.4	32.7	32.8	33.5	34.9	38.6	42.7	46.2	48.1	48.4	46.3	42.7	38.8			
155	43.2	40.1	37.7	36.1	35.5	35.6	36.1	37.1	41.0	44.4	47.5	49.1	49.1	46.9	43.7	40.5			
160	45.0	42.3	40.2	38.8	38.3	38.4	38.6	39.1	43.4	45.9	48.6	49.7	49.3	47.2	44.7	42.1			
165	46.7	44.5	42.8	41.5	41.1	41.0	41.0	41.1	45.4	47.0	49.2	50.0	49.5	47.3	45.3	43.3			
170	48.3	46.6	45.3	44.3	44.1	43.8	43.3	43.0	47.6	48.2	50.0	50.6	50.0	48.0	46.3	44.7			
175	49.5	48.3	47.7	47.2	47.0	46.3	45.3	44.7	49.2	49.2	50.2	50.5	50.0	48.3	46.9	45.7			
180	49.9	49.4	49.6	49.5	49.3	47.9	46.8	45.9	50.1	49.4	49.6	49.5	49.3	47.9	46.8	45.9			

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: