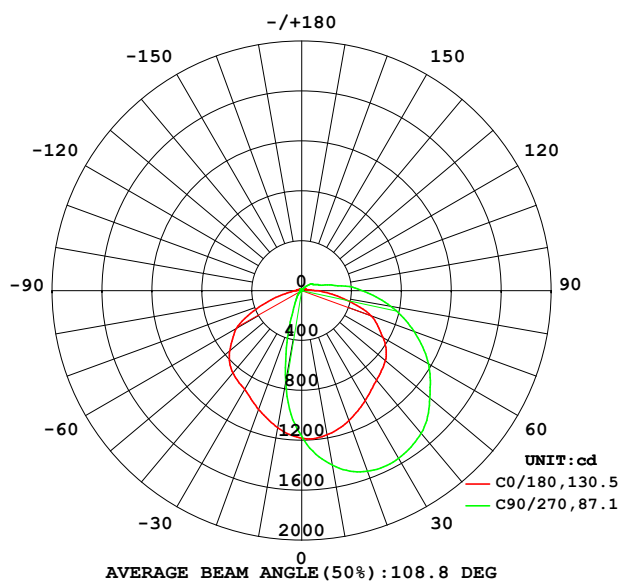
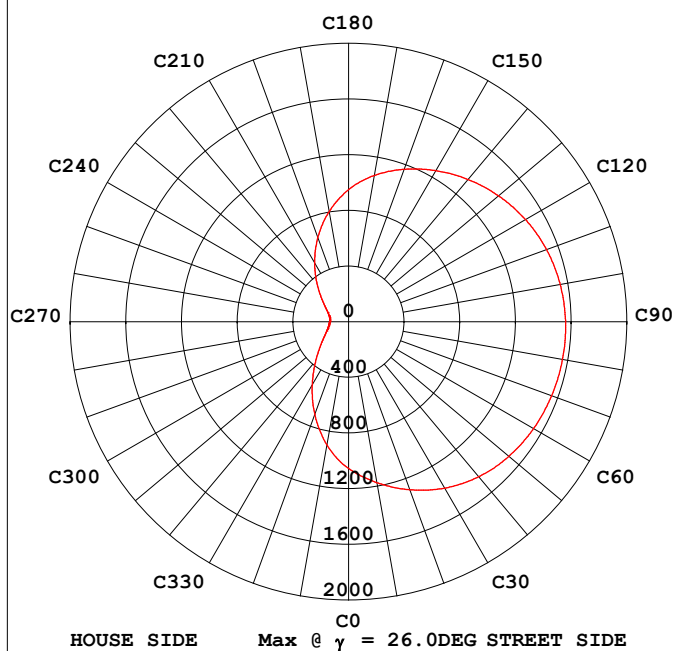


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.19 lm/W			
MODEL	JWP10-30W-PCP-3CCT-3000K	Imax(cd)	1559	η street_up(%)	7.1
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	75.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3948	η house_up(%)	1.5
NOMINAL FLUX(lm)	3948.32	MAXIMUM @ (C, γ)	90,26.0	η house_down(%)	16.0
LAMPS INSIDE	1	η up(%)	8.6	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	120	η down(%)	91.4	SLI	

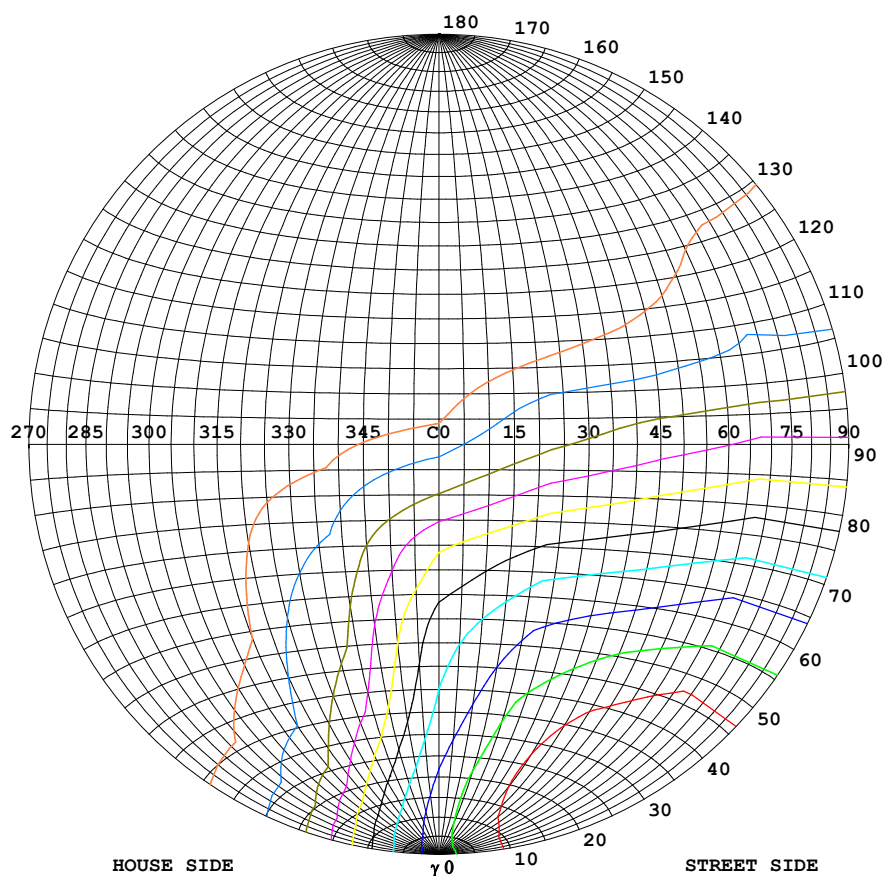
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:



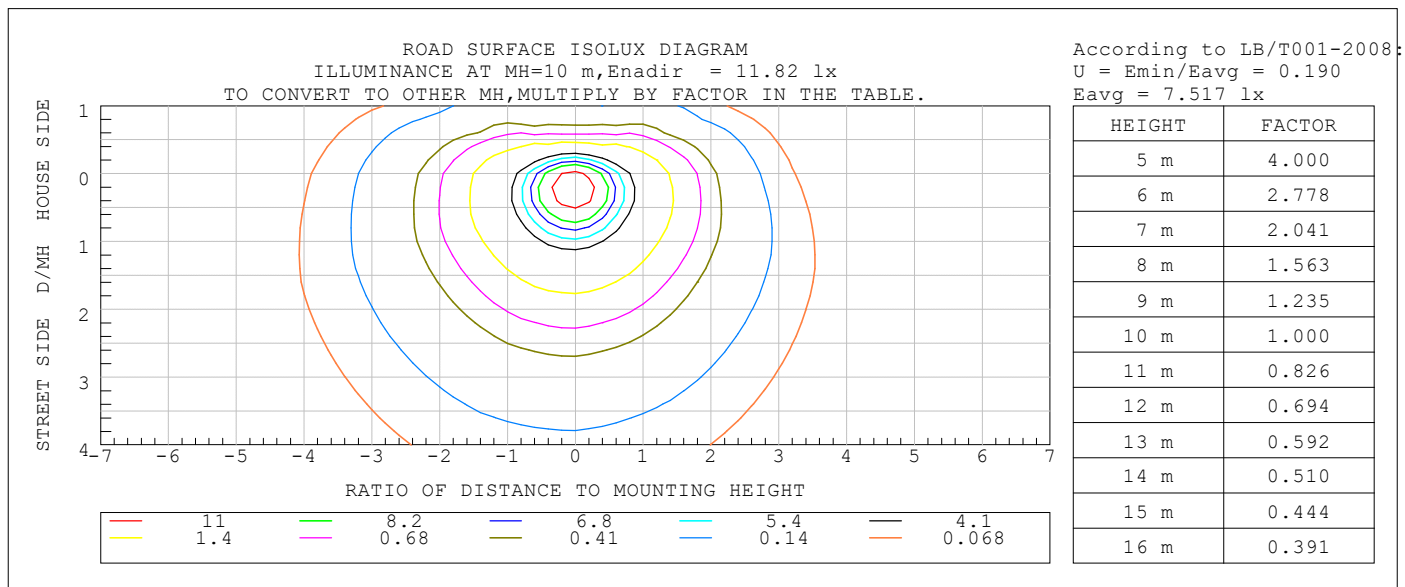
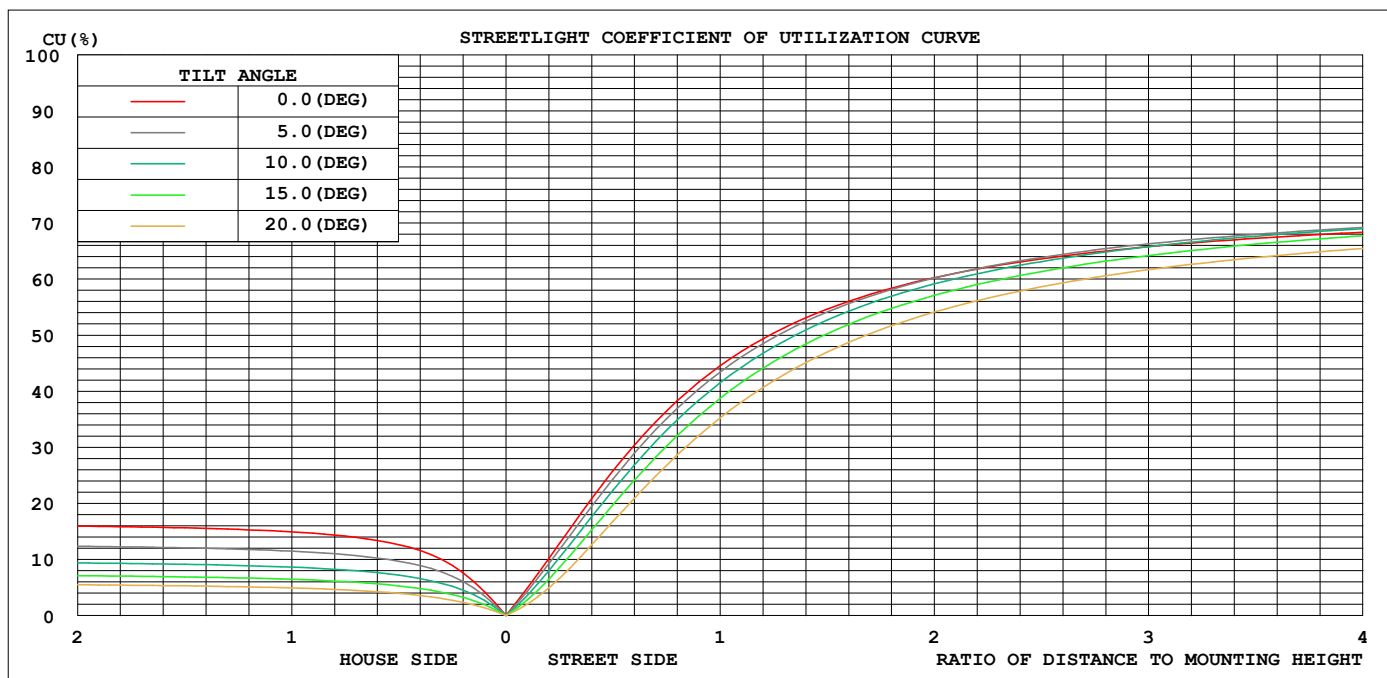
Classification:

IES:Type IV - Very Short
CIE:Average - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:184.7cd/klm
Max.At90:124.6cd/klm
Max.80-90:184.7cd/klm
NRB 5101:Semi limited[16.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1559
90%	1403
80%	1247
70%	1091
60%	935
50%	780
40%	624
30%	468
20%	312
10%	156
5%	78

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [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: LiXiaoFei
Test Date: 2025-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.650m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

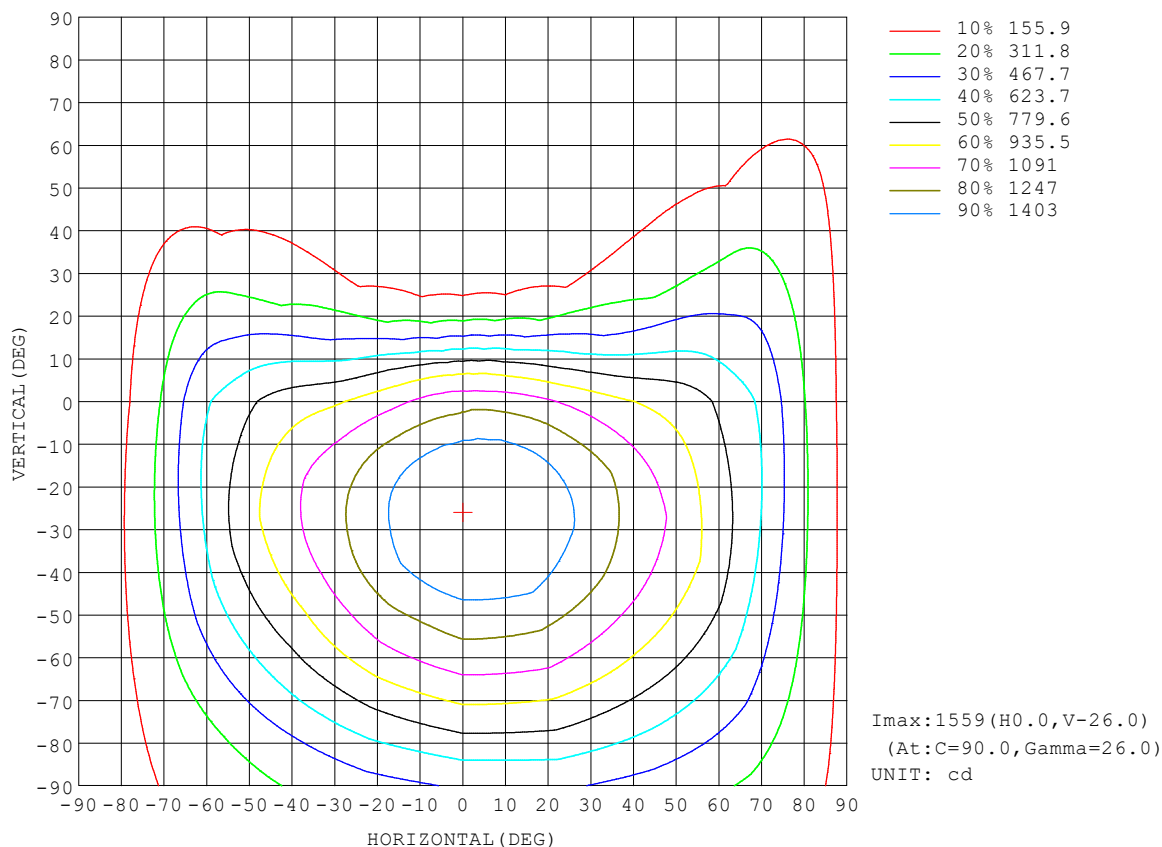
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1174	1371	1420	1321	1116	868.5	745.1	898.9	0- 10	109.2	109.2	2.77,2.77
20	1109	1466	1541	1380	1013	468.1	269.9	497.5	10- 20	292.7	401.9	10.2,10.2
30	1019	1471	1553	1351	915.4	219.3	98.96	224.5	20- 30	418.4	820.3	20.8,20.8
40	935.8	1387	1491	1247	859.8	125.5	55.60	122.2	30- 40	510.0	1330	33.7,33.7
50	875.3	1256	1341	1098	753.5	86.59	30.73	85.82	40- 50	564.2	1894	48,48
60	752.6	1074	1173	905.3	605.7	63.68	15.57	66.25	50- 60	562.9	2457	62.2,62.2
70	594.5	869.5	958.0	686.1	334.4	53.12	11.10	54.44	60- 70	503.2	2961	75,75
80	317.4	636.3	724.3	461.4	122.6	43.68	8.470	49.21	70- 80	388.4	3349	84.8,84.8
90	117.4	409.3	486.3	298.8	52.41	35.26	9.508	41.33	80- 90	258.2	3607	91.4,91.4
100	49.64	198.7	254.5	131.9	38.87	26.00	11.35	32.89	90-100	156.1	3763	95.3,95.3
110	32.47	99.39	142.6	66.58	28.85	17.34	13.24	23.68	100-110	76.78	3840	97.3,97.3
120	26.93	58.87	104.7	54.42	18.67	15.79	15.79	18.63	110-120	45.76	3886	98.4,98.4
130	23.16	24.23	73.90	24.13	16.99	17.33	14.50	16.81	120-130	29.88	3916	99.2,99.2
140	21.79	7.220	29.79	7.527	20.03	12.11	16.57	13.12	130-140	16.56	3932	99.6,99.6
150	14.14	7.229	3.733	5.682	11.12	11.51	13.01	11.91	140-150	8.429	3941	99.8,99.8
160	9.091	5.740	5.770	6.031	9.093	10.73	12.27	10.66	150-160	4.182	3945	99.9,99.9
170	13.81	9.431	7.116	7.842	10.35	10.12	10.54	10.54	160-170	2.623	3947	100,100
180	9.948	9.436	9.047	9.598	9.954	9.450	9.055	9.592	170-180	0.9221	3948	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

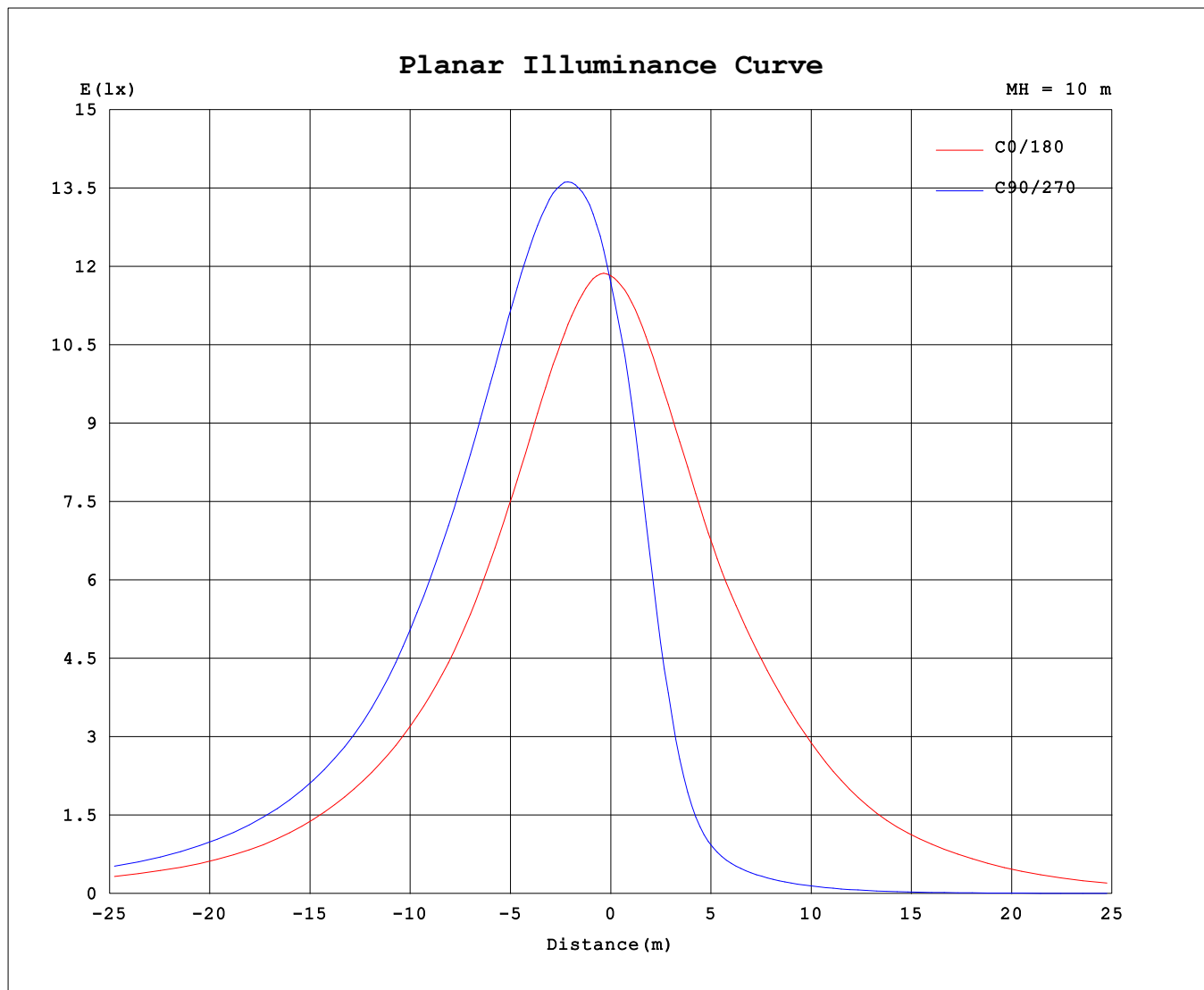
Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

Planar Illuminance Curve



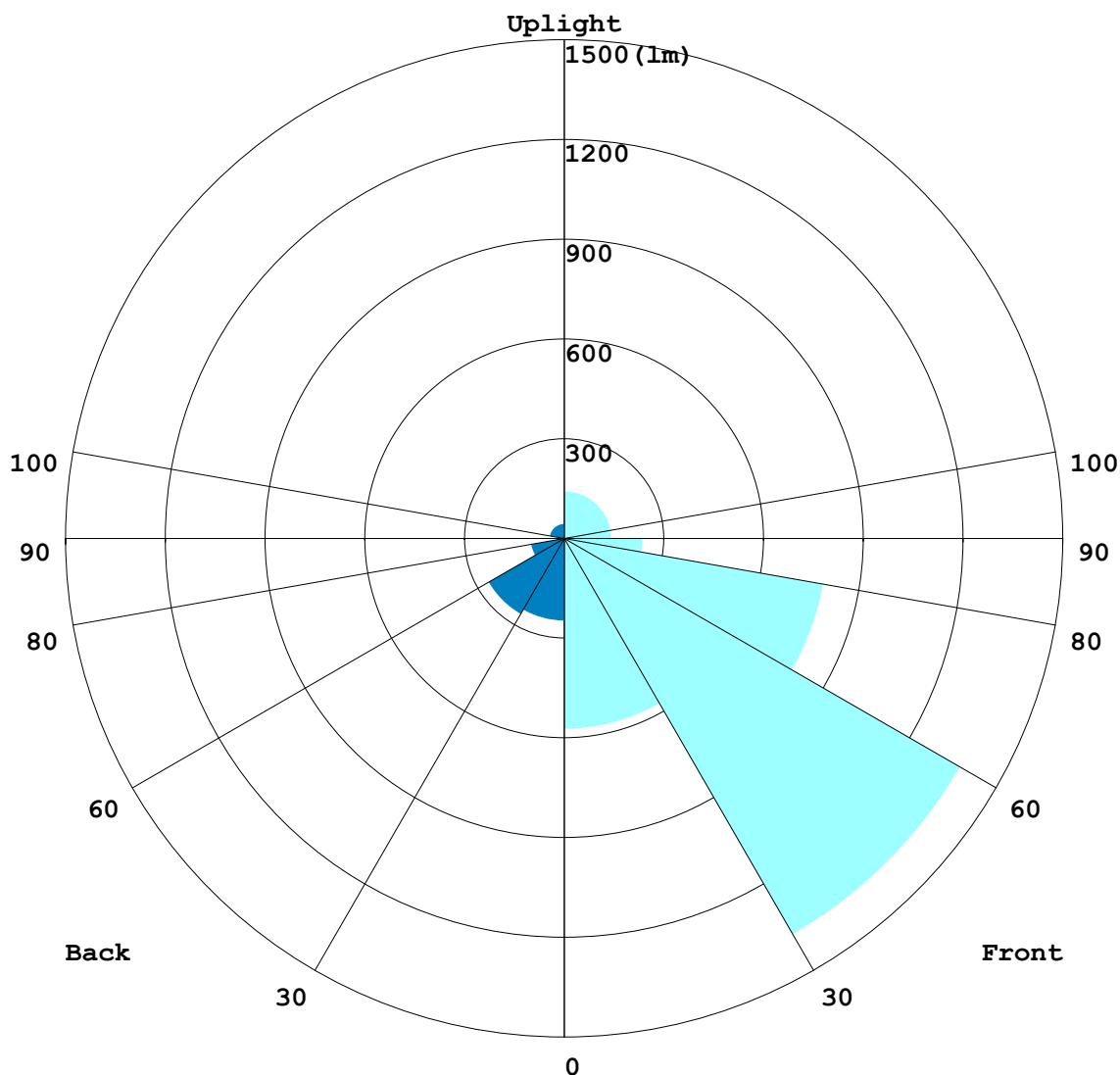
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LiXiaoFei
Test Date: 2025-03-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 9.650m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	573.03	14.5
FM - Front-Medium(30-60)	1374.7	34.8
FH - Front-High(60-80)	790.94	20.0
FVH - Front-Very High(80-90)	235.33	6.0
Total Forward Light	3255.5	82.5

BL - Back-Low(0-30)	247.25	6.3
BM - Back-Medium(30-60)	262.39	6.6
BH - Back-High(60-80)	100.66	2.5
BVH - Back-Very High(80-90)	22.845	0.6
Total Back Light	692.87	17.5

UL - Uplight-Low(90-100)	156.08	4.0
UH - Uplight-High(100-180)	185.13	4.7
Total Up Light	341.21	8.6

BUG(Back,Up,Glare) Rating	B1-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	633.15	59.717	692.87
Street Side	2974	281.5	3255.5

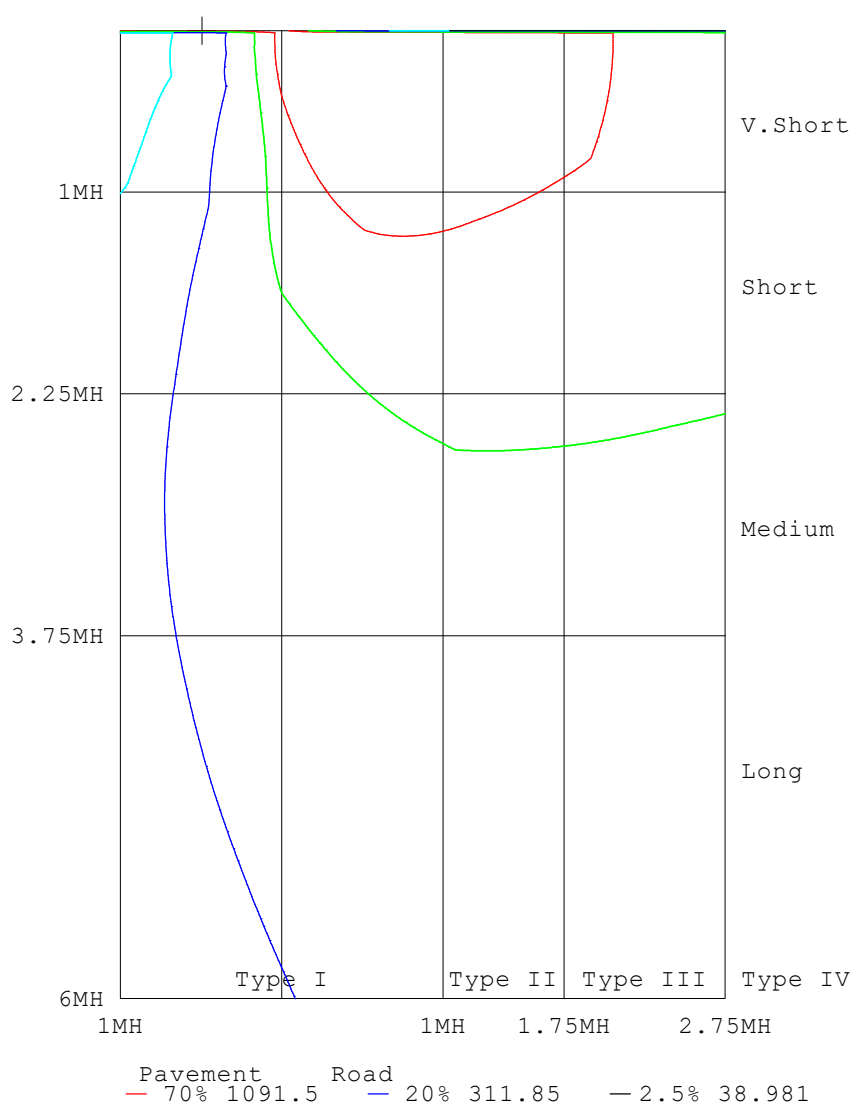
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.34V I:0.2436A P:28.992W PF:0.9888 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3948.32x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-3000K	Type: LED Wallpack Light	Weight:
SPEC.: 3000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	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	1182	1178	1177	1169	1169	1161	1162	1156	1182	1178	1177	1169	1169	1161	1162	1156			
5	1190	1248	1293	1313	1315	1292	1256	1197	1157	1092	1044	1002	997	1012	1056	1105			
10	1174	1290	1371	1414	1420	1386	1321	1216	1116	991	869	767	745	788	899	1025			
15	1146	1317	1427	1488	1497	1457	1362	1216	1064	870	660	507	477	535	698	923			
20	1109	1327	1466	1532	1541	1495	1380	1208	1013	747	468	303	270	322	498	805			
25	1064	1314	1483	1549	1559	1505	1377	1194	960	628	320	178	152	187	336	684			
30	1019	1296	1471	1545	1553	1491	1351	1166	915	527	219	113	99.0	117	224	573			
35	973	1270	1437	1523	1529	1457	1303	1137	889	452	161	82.7	73.0	84.2	160	480			
40	936	1231	1387	1487	1491	1408	1247	1099	860	391	126	63.9	55.6	65.0	122	407			
45	906	1184	1326	1432	1429	1340	1181	1050	817	335	103	49.7	41.8	50.4	101	352			
50	875	1130	1256	1353	1341	1247	1098	987	754	284	86.6	37.9	30.7	38.4	85.8	310			
55	827	1069	1172	1260	1259	1155	1003	902	678	237	73.6	28.1	21.7	28.6	75.0	272			
60	753	995	1074	1173	1173	1065	905	802	606	194	63.7	21.3	15.6	20.8	66.3	240			
65	674	901	976	1074	1071	959	800	681	480	153	57.1	18.7	13.2	17.1	59.4	206			
70	594	790	869	962	958	848	686	550	334	116	53.1	16.4	11.1	15.5	54.4	173			
75	457	665	753	847	846	735	574	424	216	86.2	48.5	14.4	9.36	14.1	52.2	139			
80	317	532	636	729	724	619	461	306	123	66.6	43.7	13.2	8.47	13.1	49.2	106			
85	203	405	518	607	600	508	364	221	74.3	54.9	39.4	13.2	9.01	12.9	45.3	79.8			
90	117	292	409	492	486	413	299	177	52.4	47.2	35.3	12.9	9.51	13.2	41.3	61.8			
95	72.1	217	303	372	386	334	235	147	43.3	42.0	31.4	13.1	10.7	13.7	37.4	50.7			
100	49.6	151	199	259	254	227	132	112	38.9	36.0	26.0	13.0	11.3	13.6	32.9	40.9			
105	37.3	94.3	136	172	176	155	81.5	68.2	33.8	29.5	20.7	13.3	12.2	13.4	27.3	33.5			
110	32.5	60.9	99.4	148	143	129	66.6	42.0	28.8	23.7	17.3	13.9	13.2	13.1	23.7	28.3			
115	30.7	39.3	76.1	117	121	108	61.5	25.8	23.8	18.7	15.2	14.9	14.8	13.6	21.4	24.1			
120	26.9	25.6	58.9	105	105	101	54.4	15.0	18.7	15.1	15.8	15.4	15.8	14.0	18.6	20.0			
125	24.9	19.4	41.1	92.7	96.7	89.6	39.9	12.3	15.8	13.0	15.8	13.0	15.7	11.9	16.7	17.6			
130	23.2	17.8	24.2	64.6	73.9	62.6	24.1	12.8	17.0	14.1	17.3	12.9	14.5	12.7	16.8	15.8			
135	22.0	20.4	13.0	41.1	48.6	40.8	11.0	15.1	17.8	14.3	14.4	15.5	14.3	15.2	15.9	16.0			
140	21.8	19.3	7.22	24.3	29.8	24.5	7.53	17.8	20.0	15.0	12.1	14.4	16.6	13.9	13.1	17.5			
145	20.3	14.1	5.19	13.2	17.8	12.5	5.40	11.5	17.0	11.5	12.2	13.4	14.1	13.5	12.3	14.6			
150	14.1	11.4	7.23	4.16	3.73	4.86	5.68	7.99	11.1	10.7	11.5	12.8	13.0	12.5	11.9	12.0			
155	10.8	11.5	4.98	3.67	3.72	3.97	5.39	9.22	11.4	11.2	11.1	12.1	13.0	11.7	10.9	12.4			
160	9.09	7.43	5.74	4.95	5.77	5.63	6.03	7.74	9.09	10.0	10.7	11.6	12.3	11.6	10.7	9.56			
165	9.21	7.77	6.66	9.41	8.27	6.79	6.80	8.56	10.1	10.2	10.5	10.8	11.3	11.9	10.6	10.1			
170	13.8	12.4	9.43	7.80	7.12	6.77	7.84	9.53	10.3	10.1	10.1	10.2	10.5	11.0	10.5	11.5			
175	11.6	10.8	8.97	8.06	7.83	7.85	8.59	9.33	9.71	9.64	9.60	9.55	9.73	9.77	9.79	10.5			
180	9.95	9.37	9.44	9.19	9.05	8.91	9.60	9.86	9.95	9.36	9.45	9.18	9.06	8.90	9.59	9.87			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: