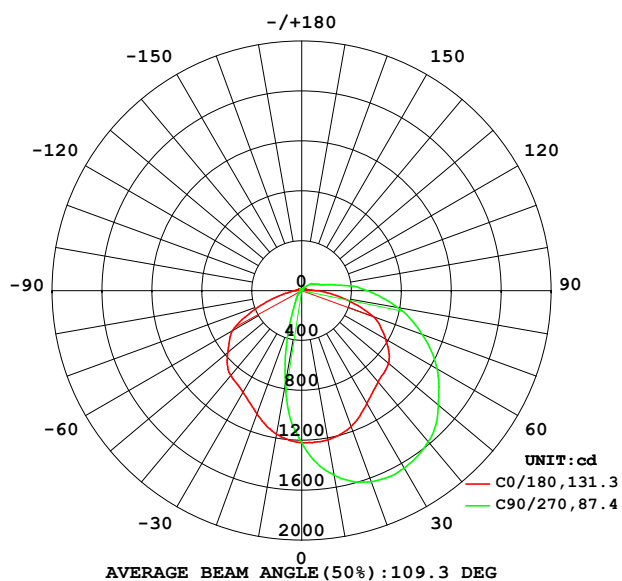
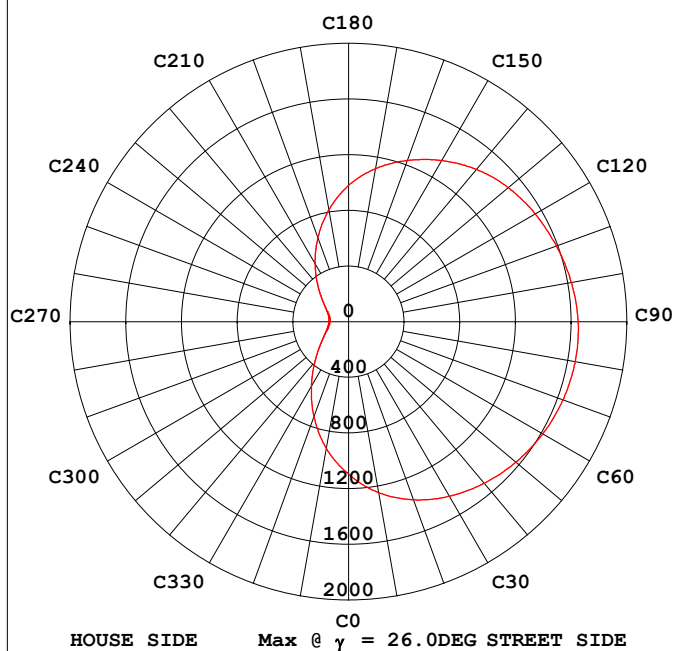


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.64 lm/W			
MODE:JWP10-30W-PCP-3CCT-5000K		Imax(cd)	1650	η street_up(%)	7.2
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	75.9
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4161	η house_up(%)	1.5
NOMINAL FLUX(lm)	4161.05	MAXIMUM @ (C, γ)	90,26.0	η house_down(%)	15.5
LAMPS INSIDE	1	η up(%)	8.7	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	120	η down(%)	91.3	SLI	

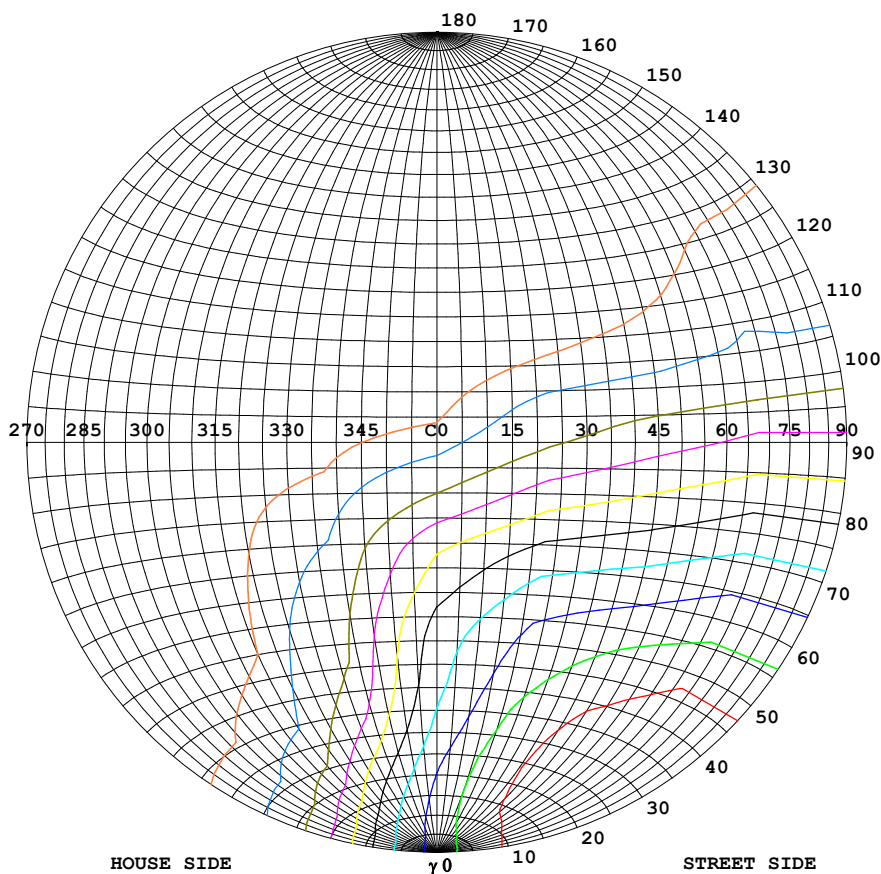
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:



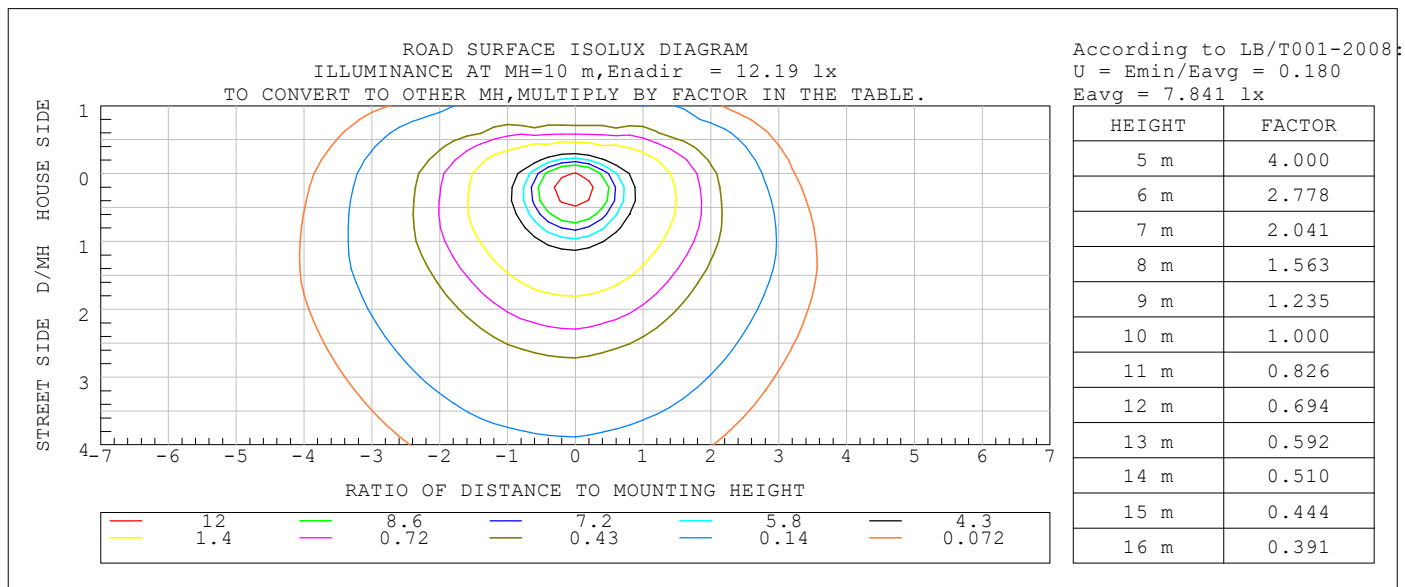
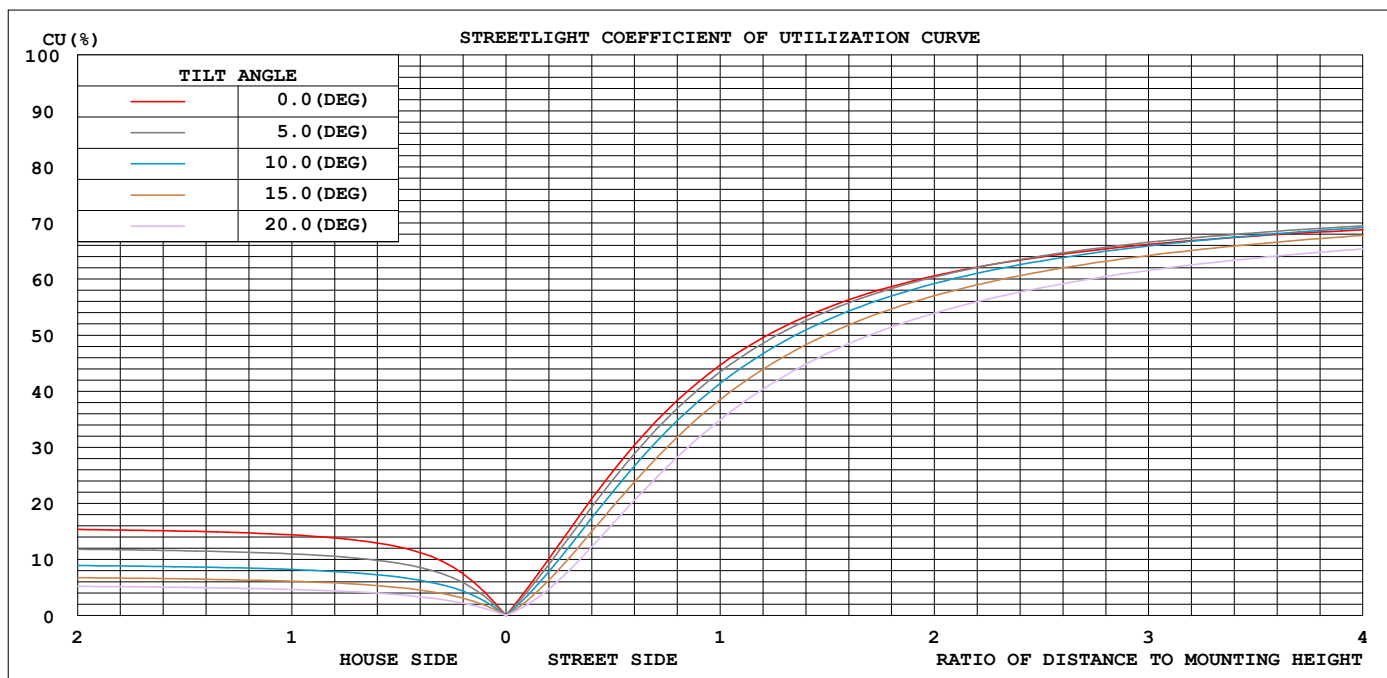
Classification:

IES:Type IV - Very Short
CIE:Average - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:188.3cd/klm
Max.At90:127.4cd/klm
Max.80-90:188.3cd/klm
NRB 5101:Semi limited[16.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1650
90%	1485
80%	1320
70%	1155
60%	990
50%	825
40%	660
30%	495
20%	330
10%	165
5%	82

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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:

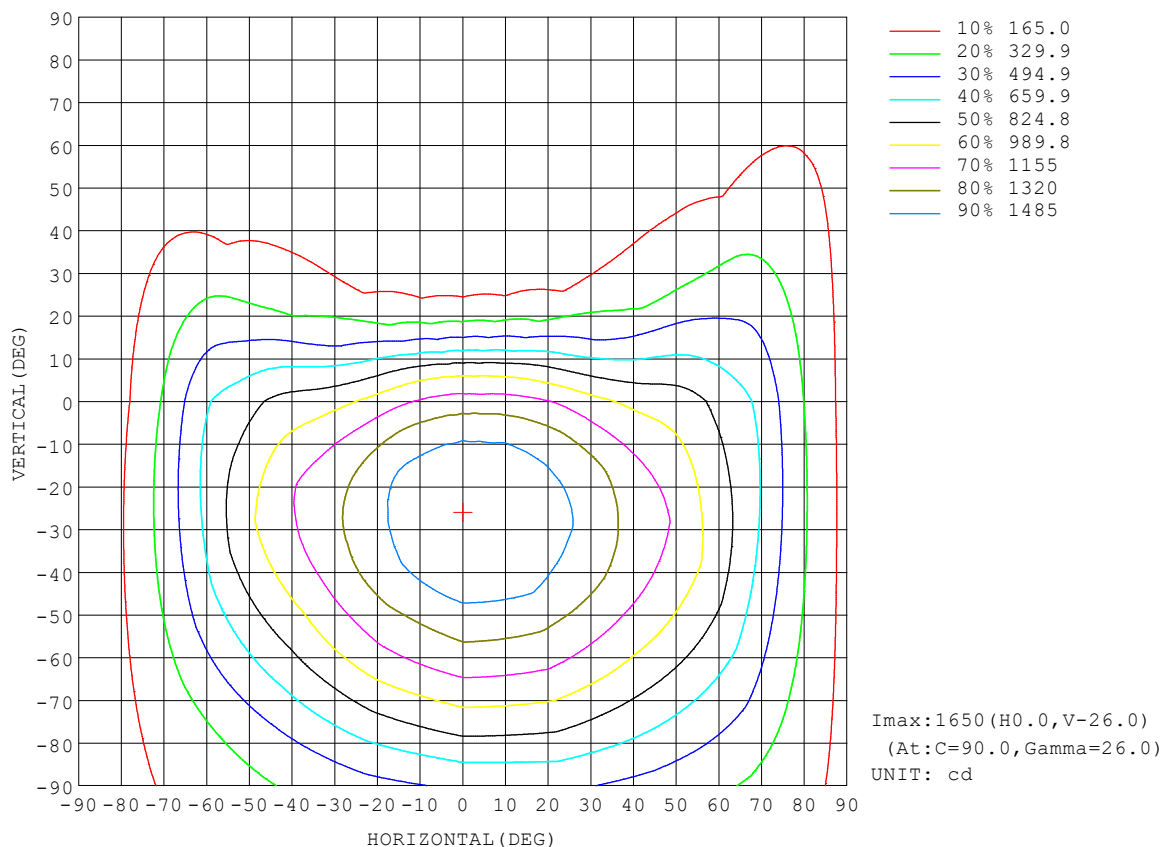
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1214	1436	1502	1402	1167	901.2	766.0	929.2	0- 10	114.0	114.0	2.74,2.74
20	1160	1533	1629	1477	1051	476.6	277.7	517.5	10- 20	307.0	421.0	10.1,10.1
30	1045	1542	1644	1440	941.7	213.6	102.0	224.9	20- 30	437.7	858.7	20.6,20.6
40	955.0	1464	1579	1332	886.7	117.6	57.28	119.3	30- 40	531.7	1390	33.4,33.4
50	909.1	1334	1429	1176	774.1	82.62	31.56	82.36	40- 50	592.0	1982	47.6,47.6
60	778.3	1143	1253	965.2	640.3	63.20	15.99	64.66	50- 60	594.8	2577	61.9,61.9
70	611.6	919.9	1028	731.4	349.4	56.20	11.49	54.85	60- 70	533.4	3111	74.8,74.8
80	327.2	676.0	783.6	496.3	130.8	47.78	8.879	51.25	70- 80	413.2	3524	84.7,84.7
90	122.2	438.8	523.4	322.5	55.83	38.59	10.12	43.57	80- 90	276.9	3801	91.3,91.3
100	51.42	212.5	272.6	137.2	40.31	27.95	11.97	34.68	90-100	167.0	3968	95.4,95.4
110	32.88	104.1	150.1	70.02	30.01	18.32	13.88	24.89	100-110	80.98	4049	97.3,97.3
120	27.09	60.99	107.8	57.92	19.28	16.88	16.56	19.66	110-120	47.62	4096	98.4,98.4
130	23.46	24.95	75.08	25.02	17.77	18.23	15.24	17.47	120-130	30.88	4127	99.2,99.2
140	22.10	7.339	30.46	7.777	21.00	12.71	17.38	13.74	130-140	17.02	4144	99.6,99.6
150	14.72	7.426	4.284	5.881	11.58	12.04	13.77	12.54	140-150	8.776	4153	99.8,99.8
160	9.458	5.909	5.946	6.287	9.410	11.30	12.89	11.21	150-160	4.393	4157	99.9,99.9
170	14.32	9.736	7.429	8.190	10.88	10.54	11.06	11.08	160-170	2.745	4160	100,100
180	10.36	9.857	9.507	10.08	10.36	9.858	9.509	10.08	170-180	0.9642	4161	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

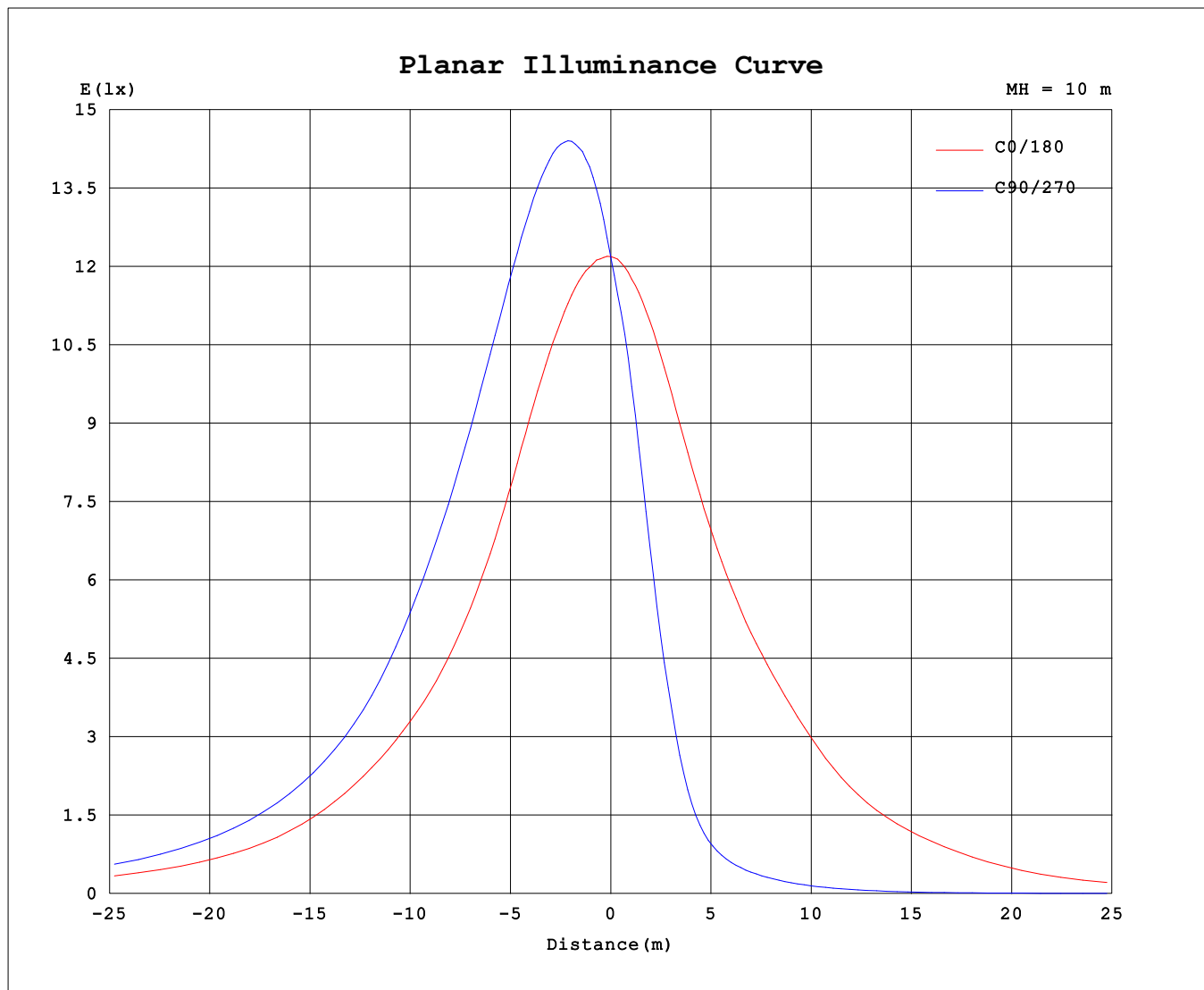
Test:U:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	DIM.: 0-10V	Instrument No.: HUP-IES2
MFR.:	SUR.: 0.113*0.15	shielding angle:



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



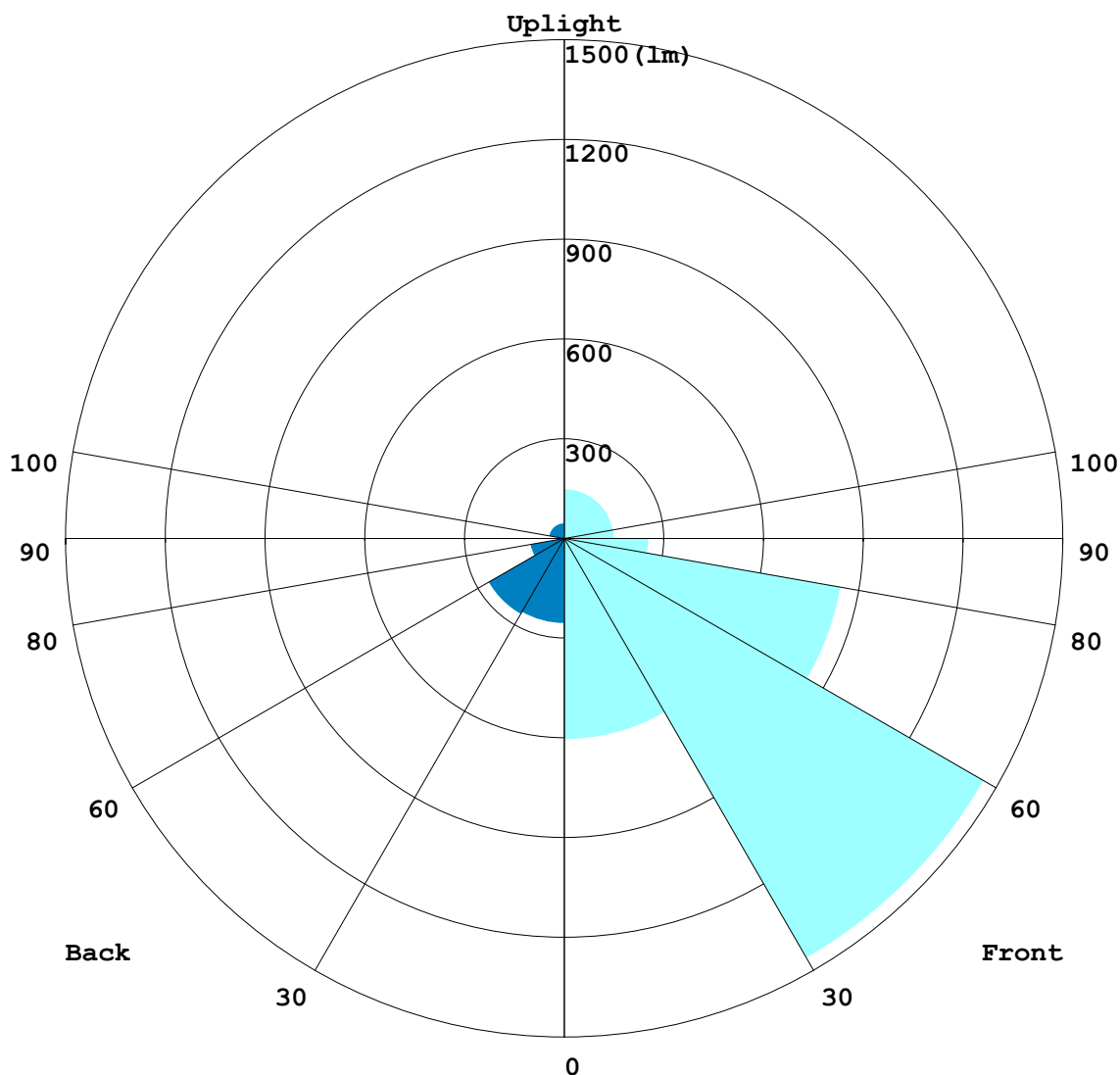
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LiXiaoFei
Test Date: 2025-03-31

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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	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)	603.83	14.5
FM - Front-Medium(30-60)	1456.4	35.0
FH - Front-High(60-80)	843.74	20.3
FVH - Front-Very High(80-90)	253.06	6.1
Total Forward Light	3454.7	83.0

BL - Back-Low(0-30)	254.83	6.1
BM - Back-Medium(30-60)	262.05	6.3
BH - Back-High(60-80)	102.87	2.5
BVH - Back-Very High(80-90)	23.872	0.6
Total Back Light	706.3	17.0

UL - Uplight-Low(90-100)	166.99	4.0
UH - Uplight-High(100-180)	193.37	4.6
Total Up Light	360.37	8.7

BUG(Back,Up,Glare) Rating	B1-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	643.63	62.676	706.3
Street Side	3157.1	297.69	3454.7

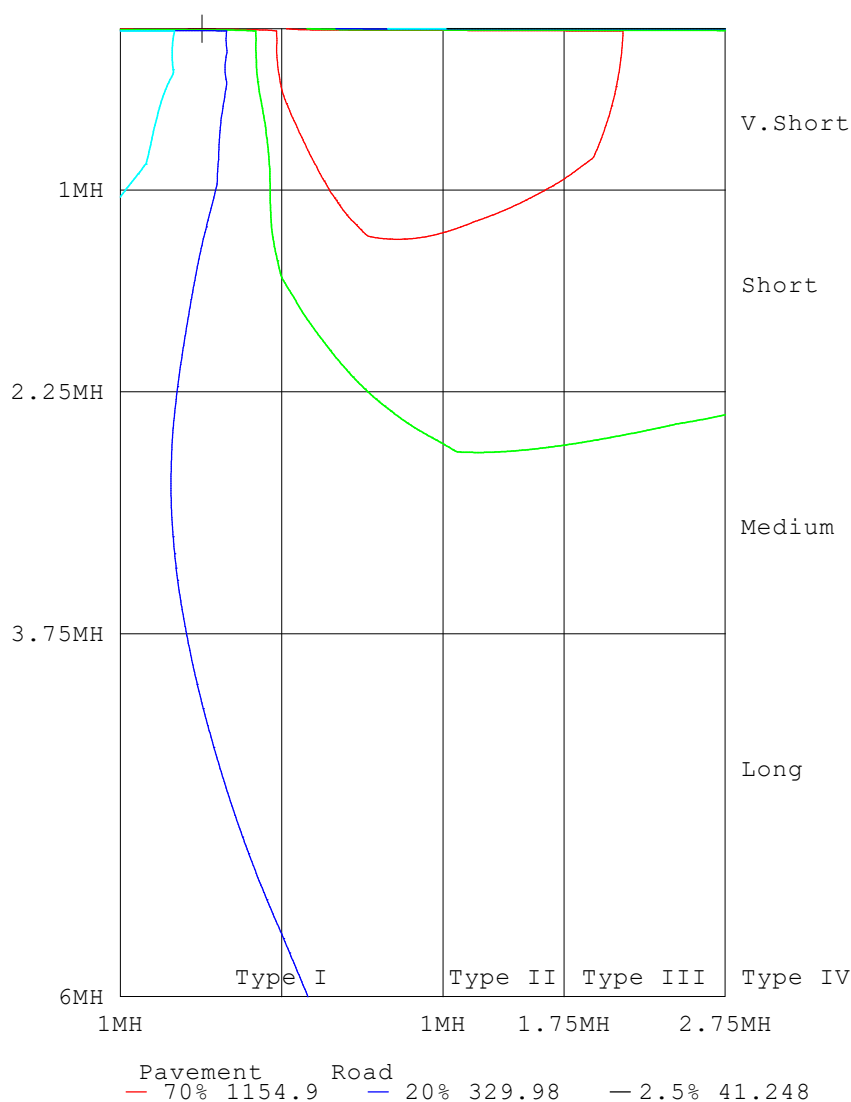
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LiXiaoFei
Test Date:2025-03-31

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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	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:120.35V I:0.2418A P:28.768W PF:0.9887 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4161.05x1 lm		
NameAA: J-WP10-30W-PCP-3CCT-5000K	Type: LED Wallpack Light	Weight:
SPEC.: 5000K	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	1219	1218	1220	1215	1217	1212	1215	1209	1219	1218	1220	1215	1217	1212	1215	1209			
5	1219	1288	1344	1374	1387	1365	1329	1266	1203	1135	1087	1043	1037	1046	1094	1145			
10	1214	1346	1436	1483	1502	1469	1402	1296	1167	1036	901	790	766	804	929	1073			
15	1194	1380	1500	1560	1584	1541	1451	1304	1117	906	683	524	490	544	720	971			
20	1160	1392	1533	1609	1629	1576	1477	1290	1051	763	477	313	278	331	518	843			
25	1106	1391	1545	1632	1647	1583	1472	1264	989	627	316	181	155	192	347	706			
30	1045	1363	1542	1629	1644	1567	1440	1238	942	515	214	116	102	120	225	576			
35	994	1328	1513	1603	1618	1533	1392	1205	909	430	152	85.2	75.3	86.5	156	472			
40	955	1290	1464	1563	1579	1487	1332	1176	887	366	118	65.8	57.3	66.6	119	392			
45	932	1246	1406	1513	1521	1420	1262	1137	844	315	96.8	51.1	43.1	51.3	96.7	340			
50	909	1203	1334	1436	1429	1327	1176	1066	774	268	82.6	39.1	31.6	39.1	82.4	302			
55	854	1145	1248	1338	1343	1230	1074	978	710	225	71.5	29.1	22.2	29.1	72.3	270			
60	778	1063	1143	1245	1253	1137	965	867	640	186	63.2	22.2	16.0	21.3	64.7	236			
65	701	962	1035	1143	1149	1030	852	737	500	148	58.6	19.7	13.6	17.7	58.5	205			
70	612	840	920	1026	1028	910	731	597	349	113	56.2	17.4	11.5	16.1	54.9	171			
75	465	705	798	906	913	795	611	465	228	85.8	52.3	15.4	9.77	14.8	53.6	137			
80	327	567	676	783	784	671	496	336	131	68.0	47.8	14.2	8.88	13.9	51.2	105			
85	211	433	555	653	648	551	395	242	79.4	57.1	43.2	14.2	9.54	13.8	47.6	79.1			
90	122	311	439	530	523	447	322	192	55.8	49.6	38.6	14.0	10.1	14.1	43.6	61.5			
95	75.0	231	325	404	415	362	252	158	45.6	44.4	34.3	13.9	11.4	14.6	39.5	50.8			
100	51.4	160	213	276	273	244	137	118	40.3	37.7	27.9	13.8	12.0	14.3	34.7	41.5			
105	38.7	98.5	143	182	188	165	84.4	71.8	35.2	30.9	22.0	14.0	12.8	14.3	28.6	34.3			
110	32.9	63.2	104	157	150	130	70.0	43.9	30.0	25.0	18.3	14.6	13.9	14.3	24.9	29.2			
115	30.8	40.6	79.2	124	125	108	65.4	27.0	24.5	19.7	16.0	15.7	15.6	15.1	22.4	24.9			
120	27.1	26.4	61.0	111	108	101	57.9	15.7	19.3	15.9	16.9	16.2	16.6	15.7	19.7	21.2			
125	25.2	20.0	42.4	96.8	98.8	89.7	42.4	12.5	16.3	13.7	16.8	13.6	16.5	13.3	17.7	17.9			
130	23.5	18.1	25.0	67.3	75.1	62.3	25.0	12.9	17.8	14.7	18.2	13.7	15.2	13.6	17.5	16.3			
135	22.2	20.8	13.4	42.6	49.0	40.7	11.2	15.3	18.7	15.0	15.0	16.2	15.2	15.8	16.6	16.5			
140	22.1	19.8	7.34	25.2	30.5	24.6	7.78	18.2	21.0	15.6	12.7	15.2	17.4	14.7	13.7	18.0			
145	21.0	14.5	5.26	13.9	18.4	13.0	5.62	11.9	17.6	12.0	12.8	14.2	14.9	14.3	12.9	15.4			
150	14.7	12.0	7.43	4.38	4.28	5.35	5.88	8.32	11.6	11.2	12.0	13.5	13.8	13.2	12.5	12.7			
155	11.1	11.9	5.48	3.74	3.98	4.34	5.61	9.60	12.0	11.7	11.6	12.8	13.7	12.4	11.5	12.9			
160	9.46	7.70	5.91	5.07	5.95	6.00	6.29	8.11	9.41	10.4	11.3	12.2	12.9	12.2	11.2	10.0			
165	9.50	8.01	6.91	10.1	8.56	7.28	7.10	8.93	10.6	10.7	11.1	11.4	11.8	12.5	11.1	10.6			
170	14.3	12.8	9.74	8.34	7.43	7.05	8.19	10.0	10.9	10.5	10.5	10.7	11.1	11.6	11.1	12.1			
175	12.1	11.3	9.33	8.43	8.21	8.20	9.00	9.81	10.2	10.0	9.99	9.98	10.2	10.3	10.3	11.0			
180	10.4	9.80	9.86	9.64	9.51	9.36	10.1	10.4	10.4	9.79	9.86	9.62	9.51	9.37	10.1	10.4			

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: