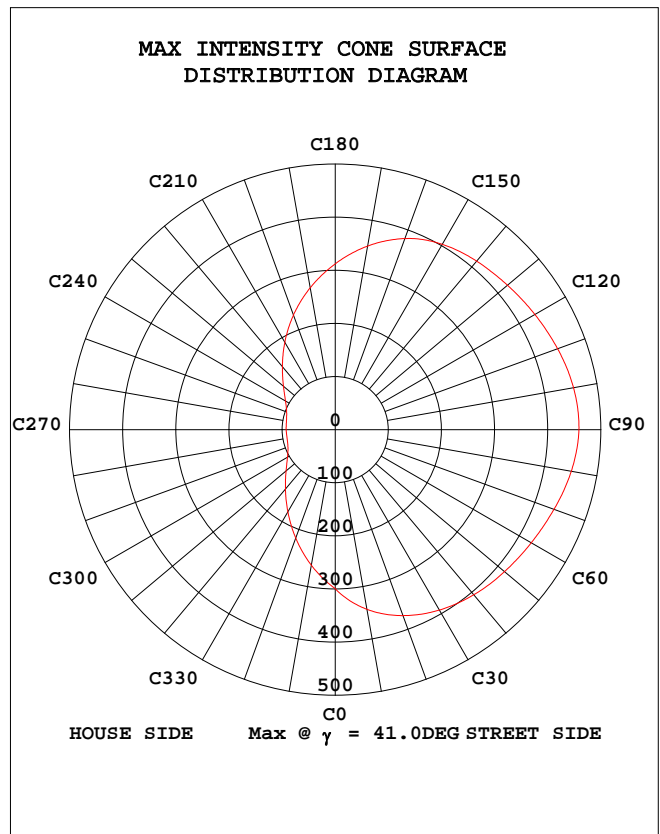
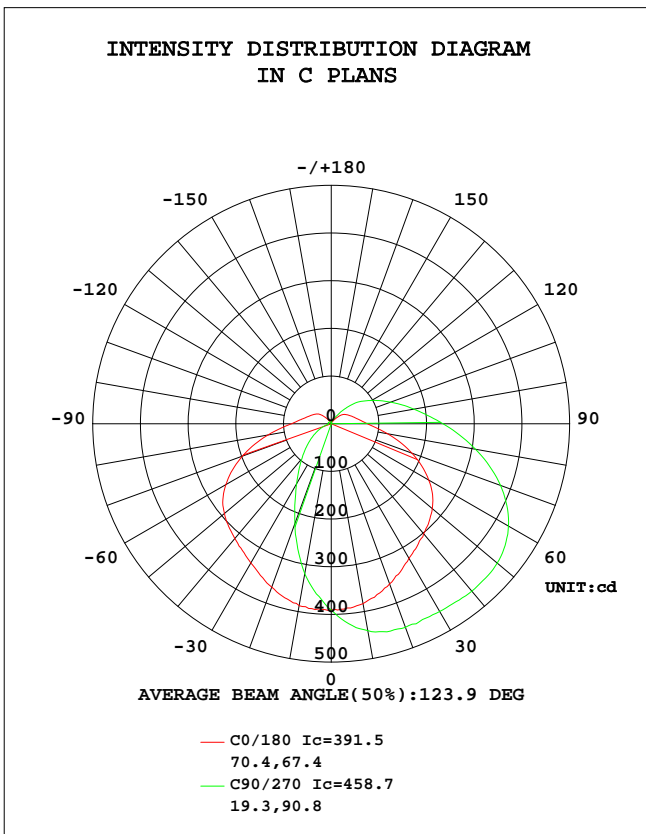


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:119.88V I:0.1223A P:14.522W PF:0.9903 Freq:59.98Hz Lamp Flux:1783.88x1 lm		
NAME: PLTS-12364 15W 5000K MINI WP 乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

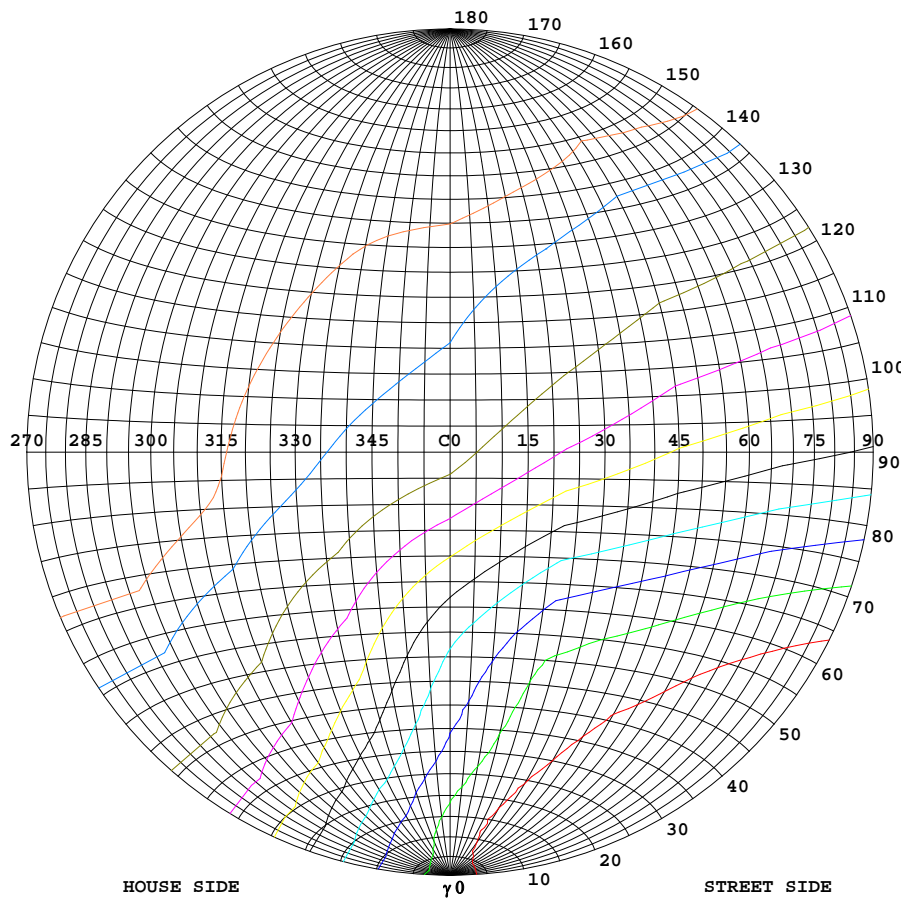
DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.84 lm/W			
MODEL		I <sub>max</sub> (cd)	458.7	η street_up(%)	14.5
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	60.7
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1784	η house_up(%)	3.1
NOMINAL FLUX(lm)	1783.88	MAXIMUM @(C,γ )	90,41.0	η house_down(%)	21.7
LAMPS INSIDE	1	η up(%)	17.6	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	82.4	SLI	19.572



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**



**Classification:**

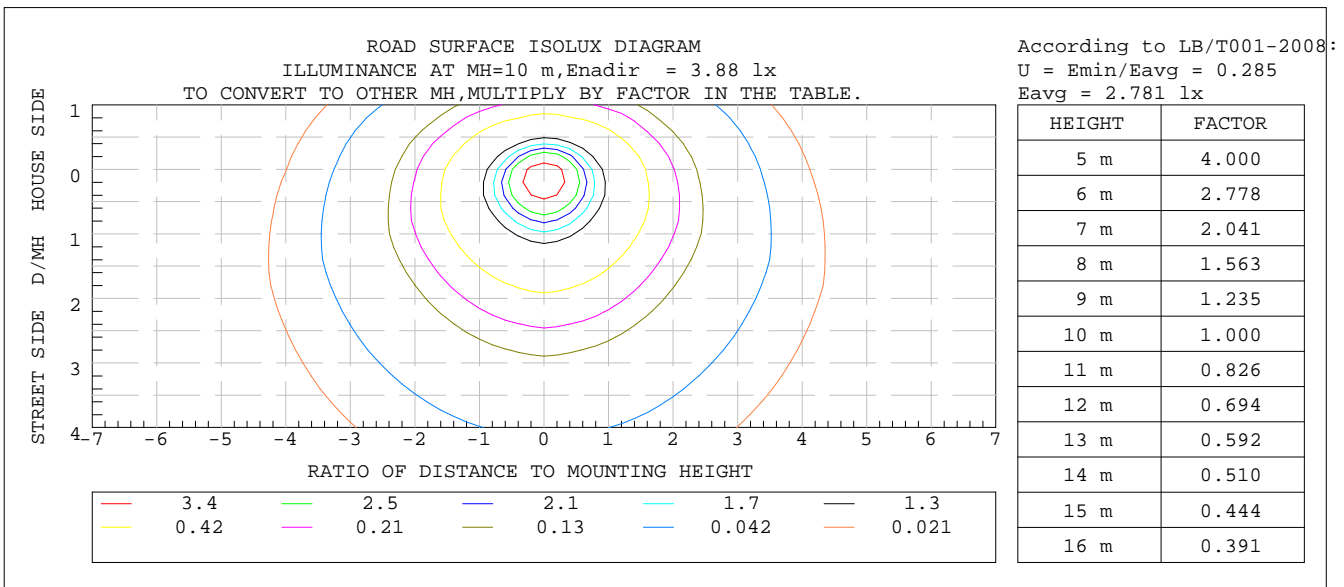
IES:Type IV - Very Short  
 CIE:Broad - Short  
 IES:None cut-off  
 CIE:Non-cut-off  
 Max.At80:177.3cd/klm  
 Max.At90:135.4cd/klm  
 Max.80-90:177.3cd/klm  
 NRB 5101:Semi limited[14.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	459
90%	413
80%	367
70%	321
60%	275
50%	229
40%	183
30%	138
20%	92
10%	46
5%	23

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

gamma Range: 0 - 180DEG  
 gamma Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JINZHI  
Test Date: 2022-06-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
Humidity: 65.0%  
Test Distance: 8.450m [K=1.0000]  
Remarks:

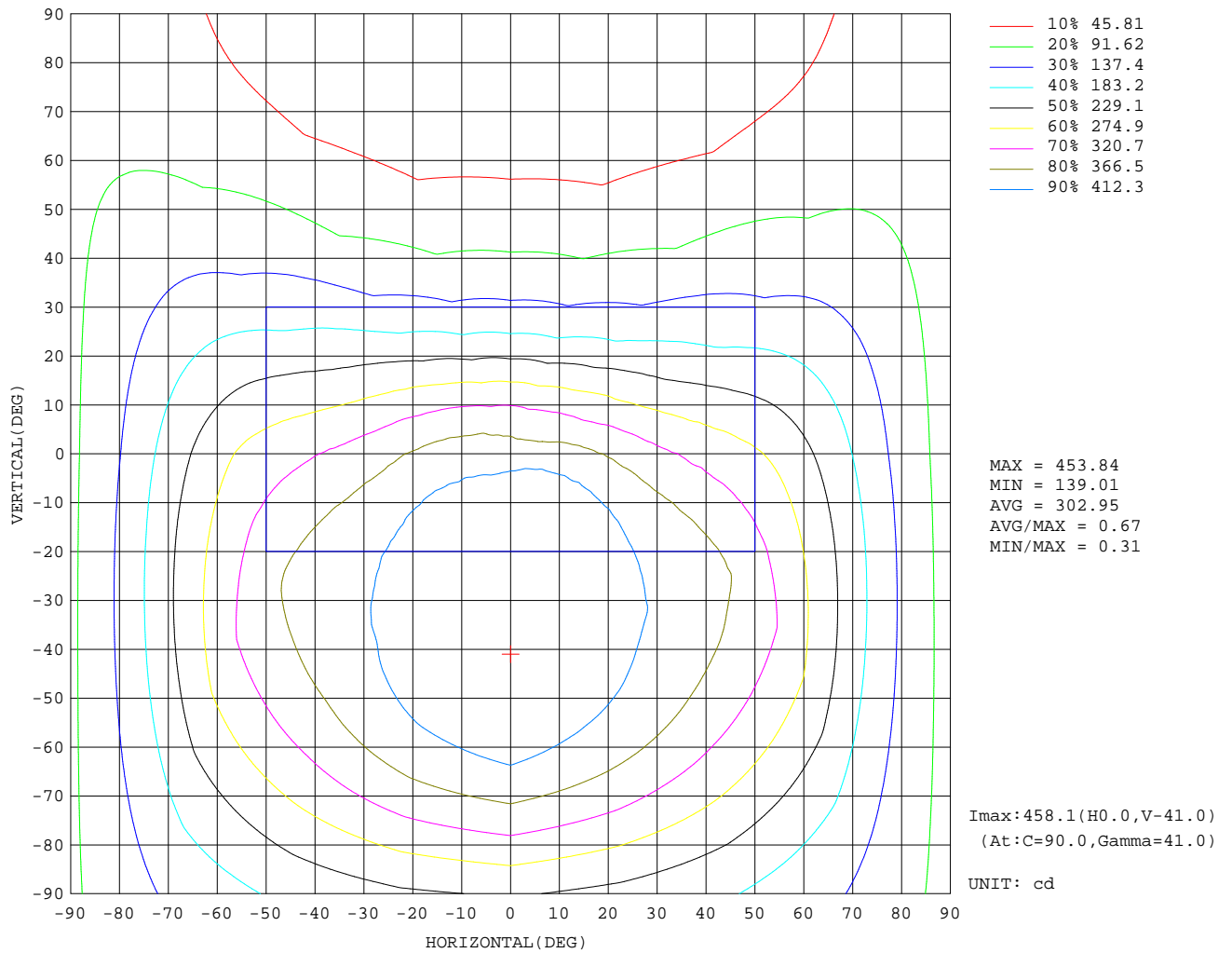
ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	383.1	427.2	440.3	430.3	387.7	341.1	319.7	336.2	0- 10	36.96	36.96	2.13,2.13
20	357.6	433.8	454.4	438.3	364.9	271.4	222.9	263.4	10- 20	103.9	140.8	8.13,8.13
30	326.0	425.4	454.8	431.8	337.2	200.5	145.4	191.8	20- 30	153.2	294.0	17,17
40	301.5	412.0	458.5	419.3	314.8	144.6	96.46	137.0	30- 40	187.7	481.8	27.8,27.8
50	276.5	392.3	454.6	401.6	292.6	105.2	62.25	98.27	40- 50	211.4	693.2	40,40
60	236.3	358.6	429.1	369.3	255.1	74.77	36.92	68.52	50- 60	220.1	913.2	52.7,52.7
70	179.9	307.4	377.6	320.0	198.1	49.85	17.71	44.25	60- 70	207.0	1120	64.7,64.7
80	119.6	244.9	307.0	258.1	134.2	30.85	6.079	26.72	70- 80	173.9	1294	74.7,74.7
90	76.19	186.0	234.5	197.1	83.48	24.26	5.870	21.80	80- 90	133.1	1427	82.4,82.4
100	57.10	143.1	176.4	151.2	60.93	21.45	6.626	19.41	90-100	99.74	1527	88.2,88.2
110	46.19	110.0	133.1	116.2	48.50	18.69	6.835	16.92	100-110	74.84	1602	92.5,92.5
120	38.24	83.13	98.10	87.74	40.06	15.96	6.420	14.36	110-120	54.50	1656	95.7,95.7
130	29.59	60.99	69.59	64.59	30.56	13.06	5.715	11.68	120-130	37.63	1694	97.8,97.8
140	14.84	40.07	35.46	42.78	14.57	9.841	4.903	8.780	130-140	22.51	1716	99.1,99.1
150	5.547	21.43	14.13	23.49	5.354	6.522	4.038	5.998	140-150	10.27	1727	99.7,99.7
160	2.187	8.996	6.758	10.17	2.433	4.119	2.965	3.553	150-160	3.617	1730	99.9,99.9
170	2.385	2.352	2.642	2.771	2.095	2.358	2.357	2.267	160-170	1.094	1731	100,100
180	1.864	1.857	1.841	1.884	1.870	1.868	1.852	1.895	170-180	0.1980	1732	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

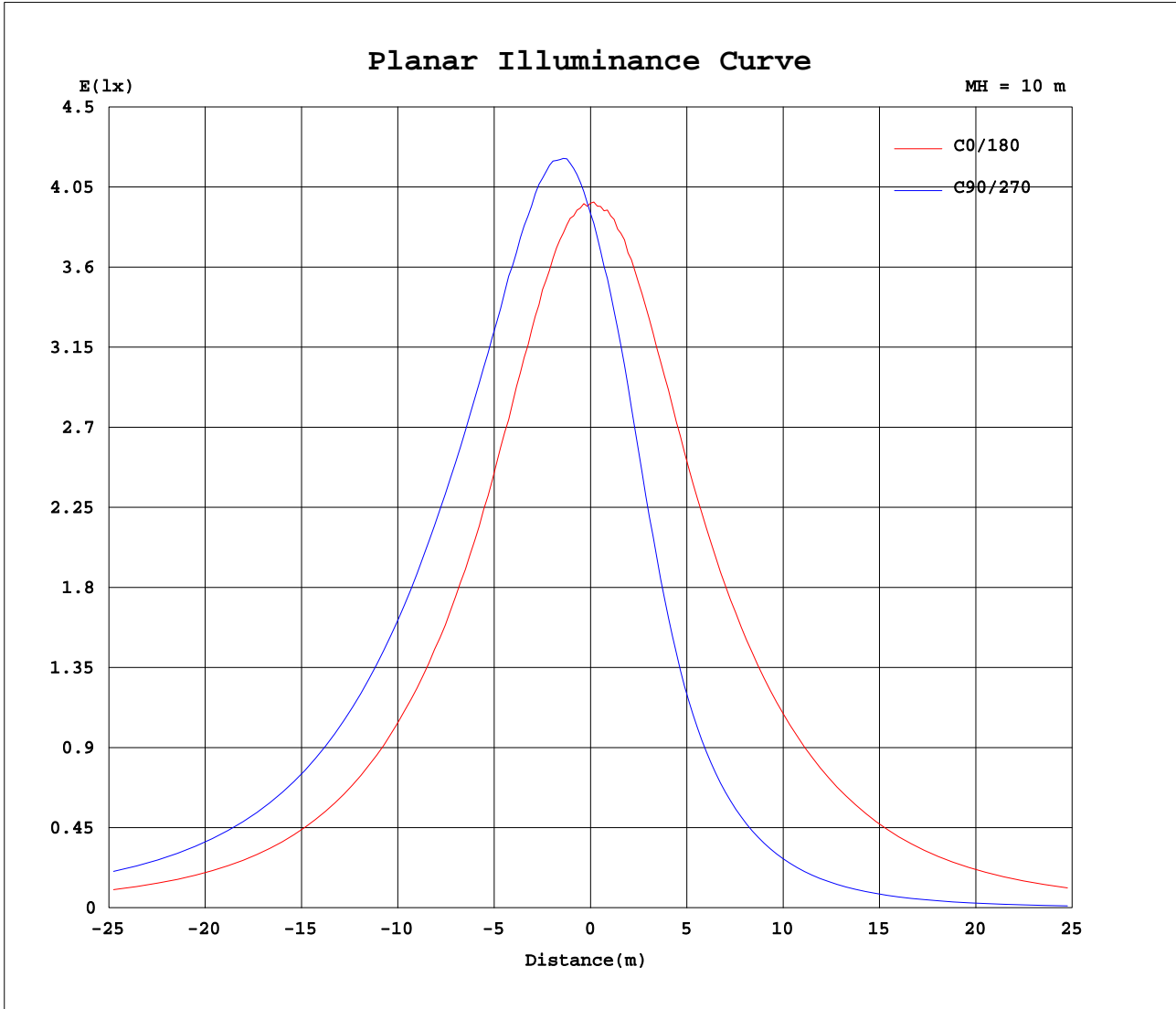
**ISOCANDELA DIAGRAM**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



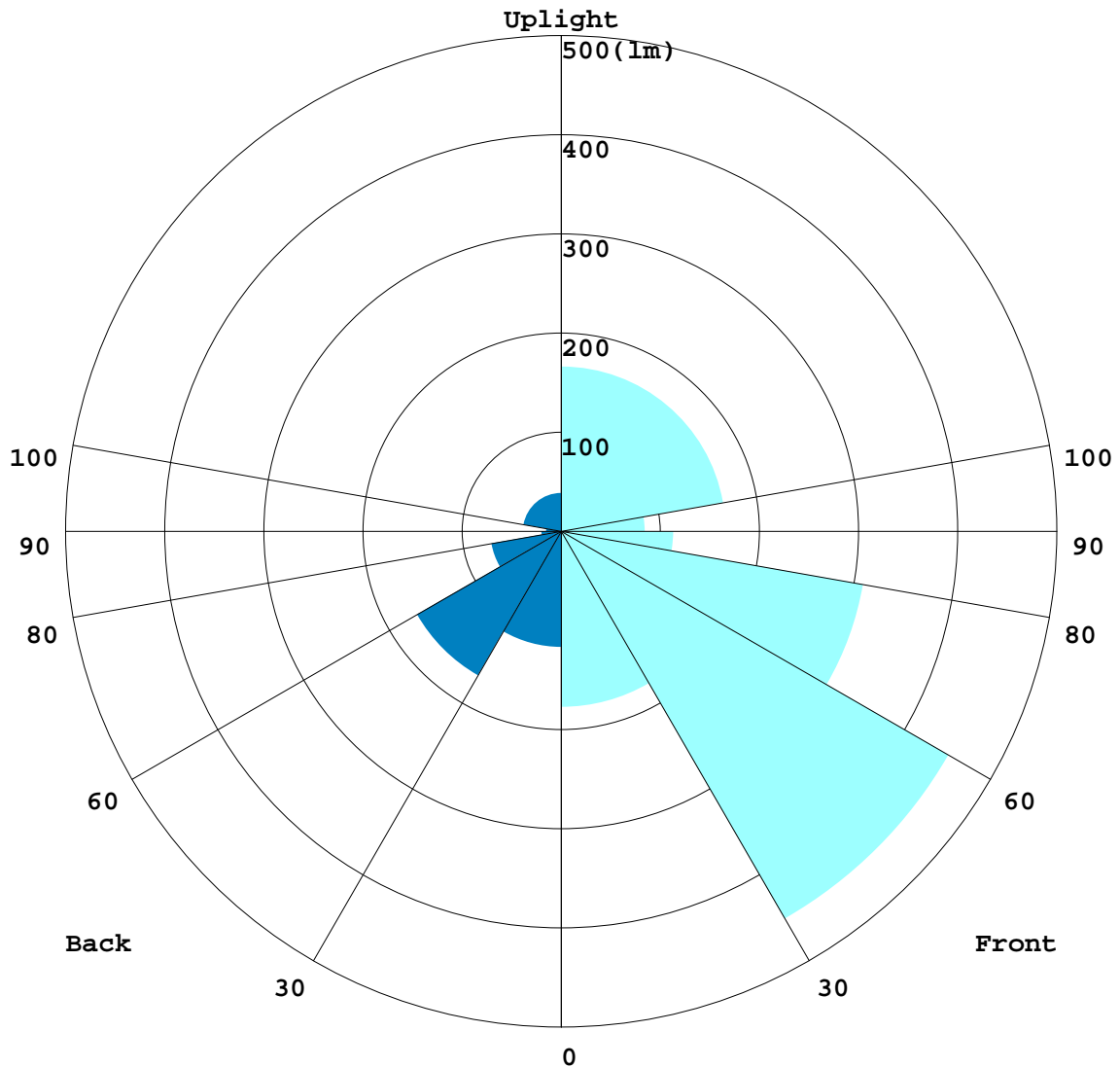
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks:

**LCS REPORT**

Test:U:119.88V I:0.1223A P:14.522W PF:0.9903 Freq:59.98Hz Lamp Flux:1783.88x1 lm		
NAME: PLTS-12364 15W 5000K MINI WP 乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

**BUG REPORT**

Test:U:119.88V I:0.1223A P:14.522W PF:0.9903 Freq:59.98Hz Lamp Flux:1783.88x1 lm		
NAME: PLTS-12364 15W 5000K MINI WP 乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	177.19	10.2
FM - Front-Medium(30-60)	451.27	26.1
FH - Front-High(60-80)	309.49	17.9
FVH - Front-Very High(80-90)	113.25	6.5
<b>Total Forward Light</b>	<b>1301.7</b>	<b>75.2</b>

BL - Back-Low(0-30)	116.85	6.7
BM - Back-Medium(30-60)	167.93	9.7
BH - Back-High(60-80)	71.406	4.1
BVH - Back-Very High(80-90)	19.878	1.1
<b>Total Back Light</b>	<b>429.96</b>	<b>24.8</b>

UL - Uplight-Low(90-100)	99.739	5.8
UH - Uplight-High(100-180)	204.67	11.8
<b>Total Up Light</b>	<b>304.41</b>	<b>17.6</b>

BUG(Back,Up,Glare) Rating	B1-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	376.06	53.891	429.96
Street Side	1051.2	250.52	1301.7

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

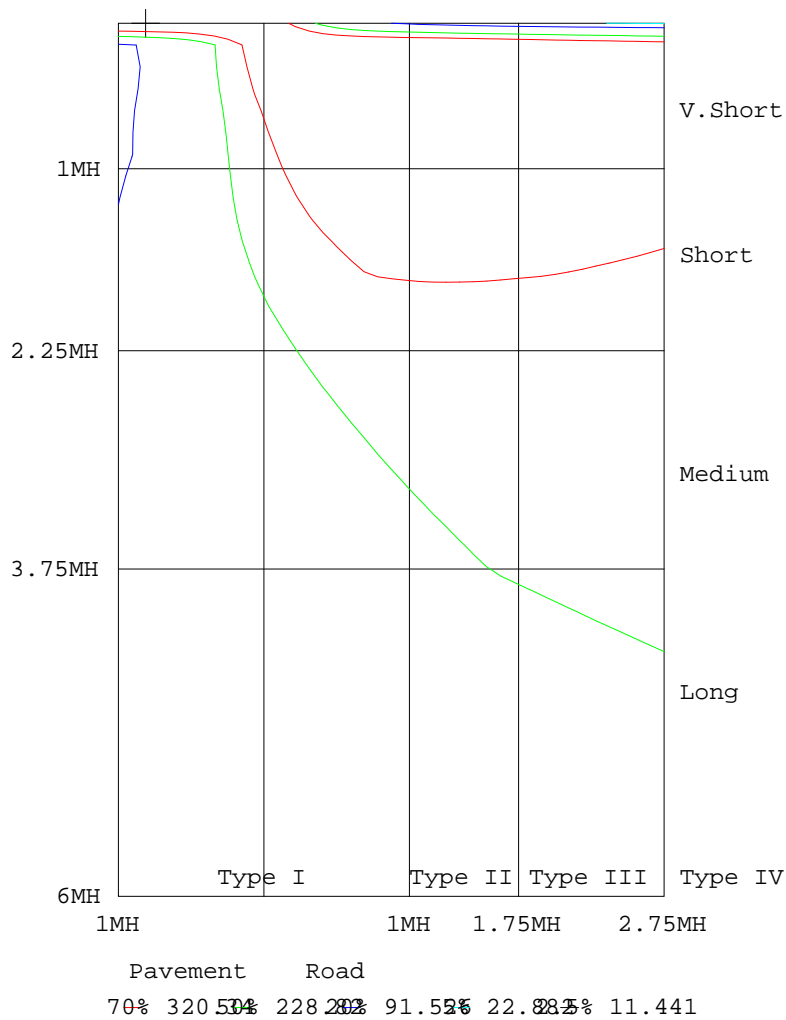
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:119.88V I:0.1223A P:14.522W PF:0.9903 Freq:59.98Hz Lamp Flux:1783.88x1 lm		
NAME: PLTS-12364 15W 5000K MINI WP 乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JINZHI  
 Test Date:2022-06-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391			
5	388	402	413	419	421	419	412	403	391	379	366	360	358	360	365	375			
10	383	408	427	437	440	437	430	413	388	362	341	323	320	321	336	358			
15	371	409	434	446	452	449	438	413	378	342	308	280	272	276	301	336			
20	358	403	434	448	454	452	438	412	365	317	271	235	223	230	263	310			
25	343	398	430	447	453	451	436	407	351	293	234	191	180	187	225	283			
30	326	390	425	443	455	448	432	401	337	268	201	155	145	152	192	257			
35	314	386	419	439	456	446	426	395	325	245	170	127	118	123	161	233			
40	301	380	412	436	459	443	419	390	315	223	145	104	96.5	100	137	211			
45	290	373	403	431	458	440	411	384	304	204	123	84.2	78.1	81.5	116	191			
50	277	363	392	424	455	434	402	377	293	185	105	67.9	62.3	65.3	98.3	171			
55	259	349	378	412	445	423	388	364	277	166	89.1	53.7	48.6	51.3	82.6	152			
60	236	327	359	395	429	406	369	343	255	146	74.8	41.2	36.9	39.0	68.5	133			
65	209	301	335	373	406	384	347	319	228	127	61.7	30.3	26.7	28.2	55.8	115			
70	180	269	307	345	378	357	320	288	198	108	49.8	20.6	17.7	18.8	44.2	96.6			
75	150	235	277	315	343	325	290	254	166	89.7	39.3	12.6	10.5	11.1	34.3	79.6			
80	120	200	245	281	307	291	258	218	134	73.1	30.9	7.15	6.08	6.28	26.7	64.7			
85	93.8	167	214	247	270	256	226	184	106	59.8	26.1	6.09	5.84	5.87	23.4	53.9			
90	76.2	139	186	216	235	224	197	153	83.5	51.8	24.3	6.02	5.87	5.88	21.8	47.9			
95	65.3	119	163	188	203	194	172	130	70.5	46.4	22.8	6.24	6.21	6.19	20.6	43.2			
100	57.1	103	143	164	176	170	151	112	60.9	41.9	21.4	6.53	6.63	6.52	19.4	39.3			
105	51.0	89.4	126	144	154	149	133	97.3	53.9	38.1	20.0	6.63	6.86	6.64	18.2	35.9			
110	46.2	78.0	110	126	133	129	116	84.8	48.5	34.8	18.7	6.54	6.84	6.56	16.9	32.9			
115	42.1	68.1	95.9	109	115	112	101	73.9	44.1	31.9	17.3	6.38	6.68	6.39	15.7	30.1			
120	38.2	59.4	83.1	94.0	98.1	96.9	87.7	64.4	40.1	29.1	16.0	6.14	6.42	6.15	14.4	27.4			
125	34.5	51.5	71.6	80.8	83.7	83.2	75.6	55.7	36.2	26.4	14.5	5.84	6.10	5.83	13.1	24.8			
130	29.6	43.9	61.0	67.3	69.6	69.4	64.6	47.8	30.6	23.5	13.1	5.50	5.72	5.47	11.7	22.1			
135	22.3	35.4	50.4	53.8	51.7	55.3	53.6	39.7	22.2	20.6	11.5	5.08	5.31	5.06	10.2	19.4			
140	14.8	27.1	40.1	39.6	35.5	41.1	42.8	32.0	14.6	18.0	9.84	4.58	4.90	4.64	8.78	16.4			
145	8.72	18.2	30.1	27.3	21.2	28.4	32.5	23.9	8.12	14.3	8.11	4.11	4.47	4.24	7.39	12.6			
150	5.55	10.4	21.4	19.0	14.1	20.1	23.5	15.5	5.35	10.0	6.52	3.67	4.04	3.58	6.00	8.62			
155	3.96	4.94	14.1	13.5	9.31	14.3	15.9	8.25	3.61	6.07	5.12	3.31	3.32	3.13	4.81	5.29			
160	2.19	2.58	9.00	9.93	6.76	10.5	10.2	3.65	2.43	3.40	4.12	2.94	2.97	2.74	3.55	3.83			
165	1.95	2.83	5.20	6.07	5.83	6.81	6.10	3.17	2.00	2.63	3.20	2.58	2.58	2.47	2.75	3.36			
170	2.38	2.21	2.35	2.68	2.64	2.98	2.77	2.47	2.10	2.61	2.36	2.25	2.36	2.27	2.27	2.53			
175	1.92	1.83	1.76	1.73	1.67	1.71	1.83	1.87	1.97	2.03	1.99	2.02	2.10	2.14	2.06	2.01			
180	1.86	1.87	1.86	1.86	1.84	1.86	1.88	1.91	1.87	1.87	1.87	1.86	1.85	1.87	1.90	1.90			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JINZHI  
 Test Date: 2022-06-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity: 65.0%  
 Test Distance: 8.450m [K=1.0000]  
 Remarks: