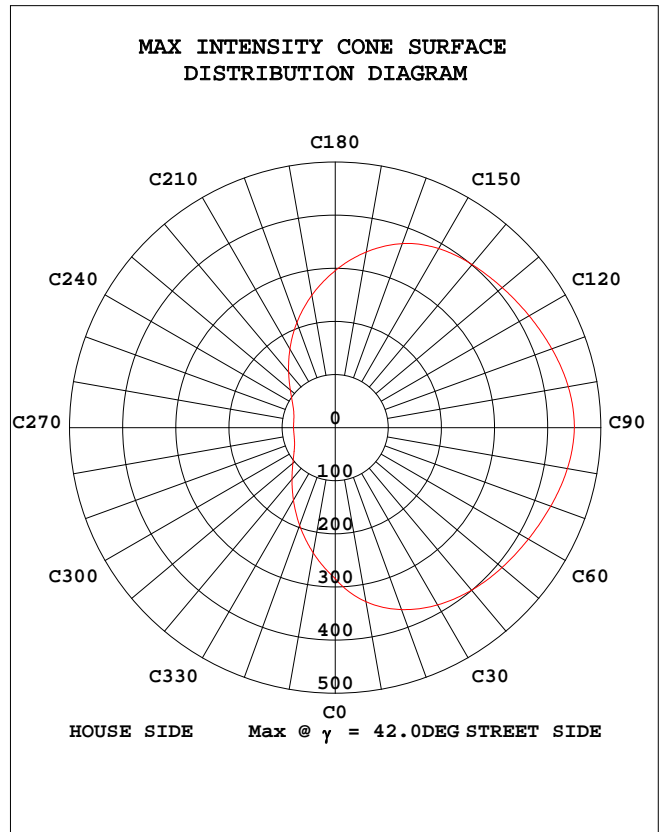
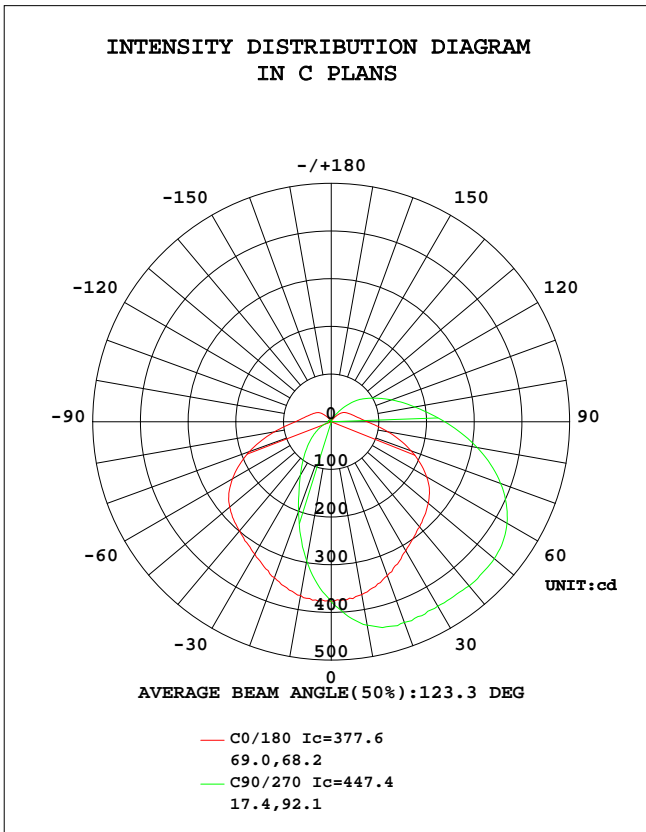


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.87V I:0.1238A P:14.698W PF:0.9903 Freq:59.98Hz Lamp Flux:1742.45x1 lm		
NAME: PLTS-12366 15W 3000K MINI WP 乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

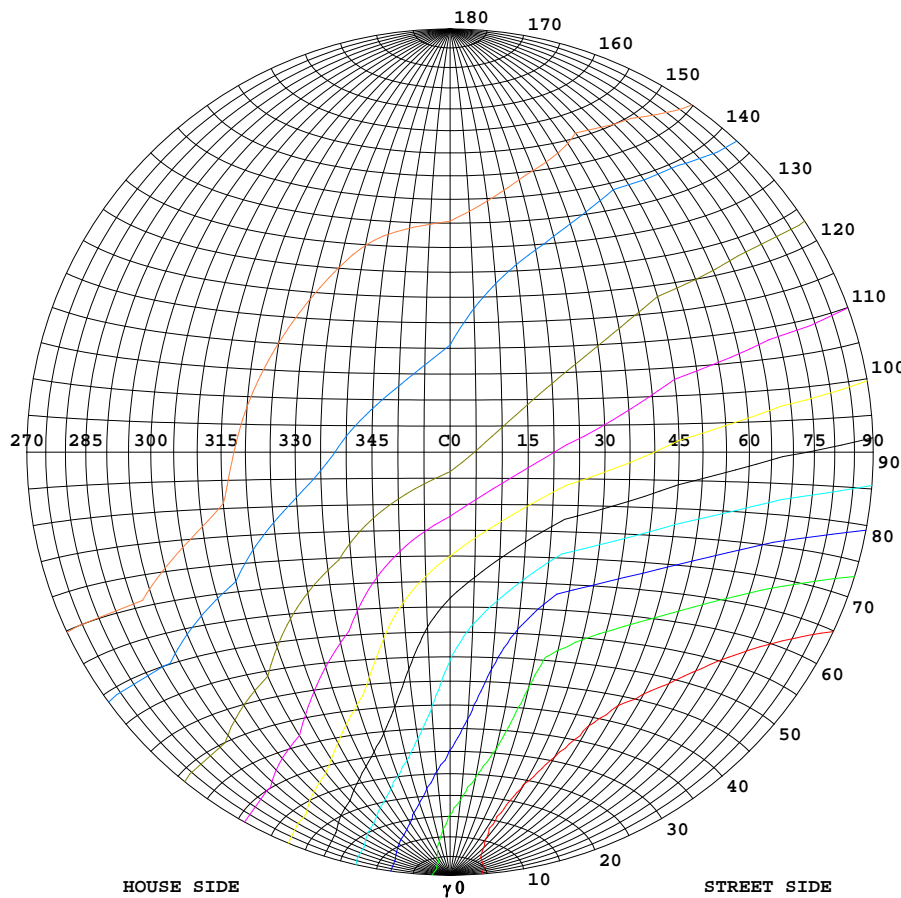
DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.55 lm/W			
MODEL		I _{max} (cd)	450.1	η street_up(%)	14.9
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	61.6
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1743	η house_up(%)	3.0
NOMINAL FLUX(lm)	1742.45	MAXIMUM @(C,γ)	90,42.0	η house_down(%)	20.5
LAMPS INSIDE	1	η up(%)	17.9	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	82.1	SLI	19.581



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:

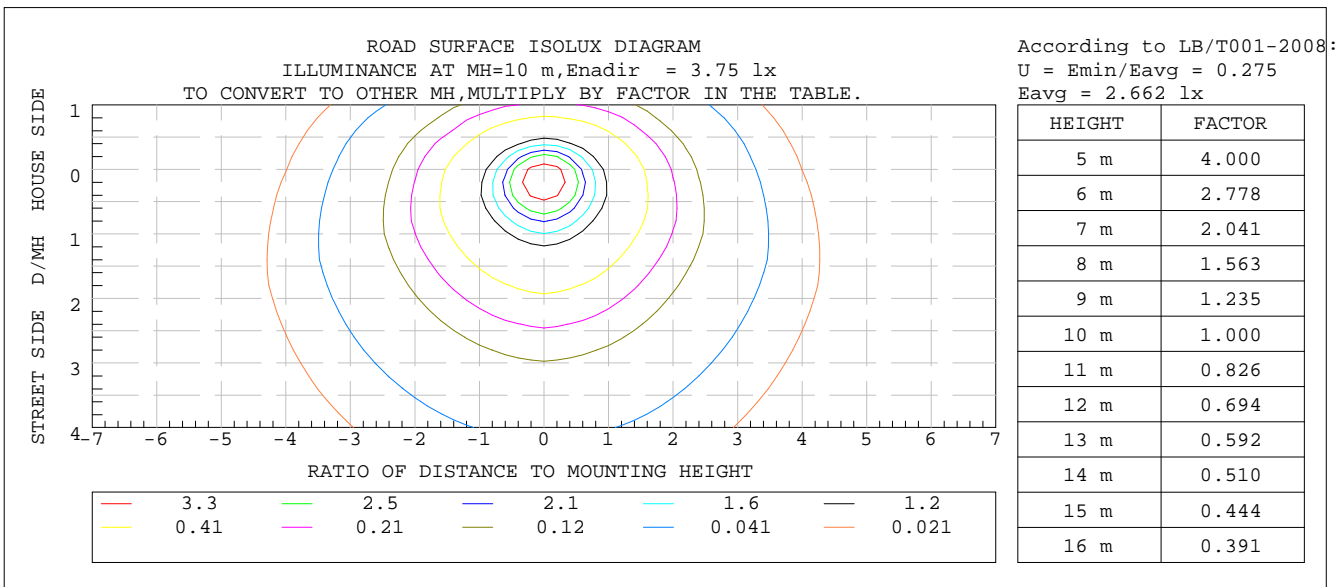
IES:Type IV - Very Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:184.7cd/klm
 Max.At90:141.5cd/klm
 Max.80-90:184.7cd/klm
 NRB 5101:Semi limited[15.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	450
90%	405
80%	360
70%	315
60%	270
50%	225
40%	180
30%	135
20%	90
10%	45
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

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:

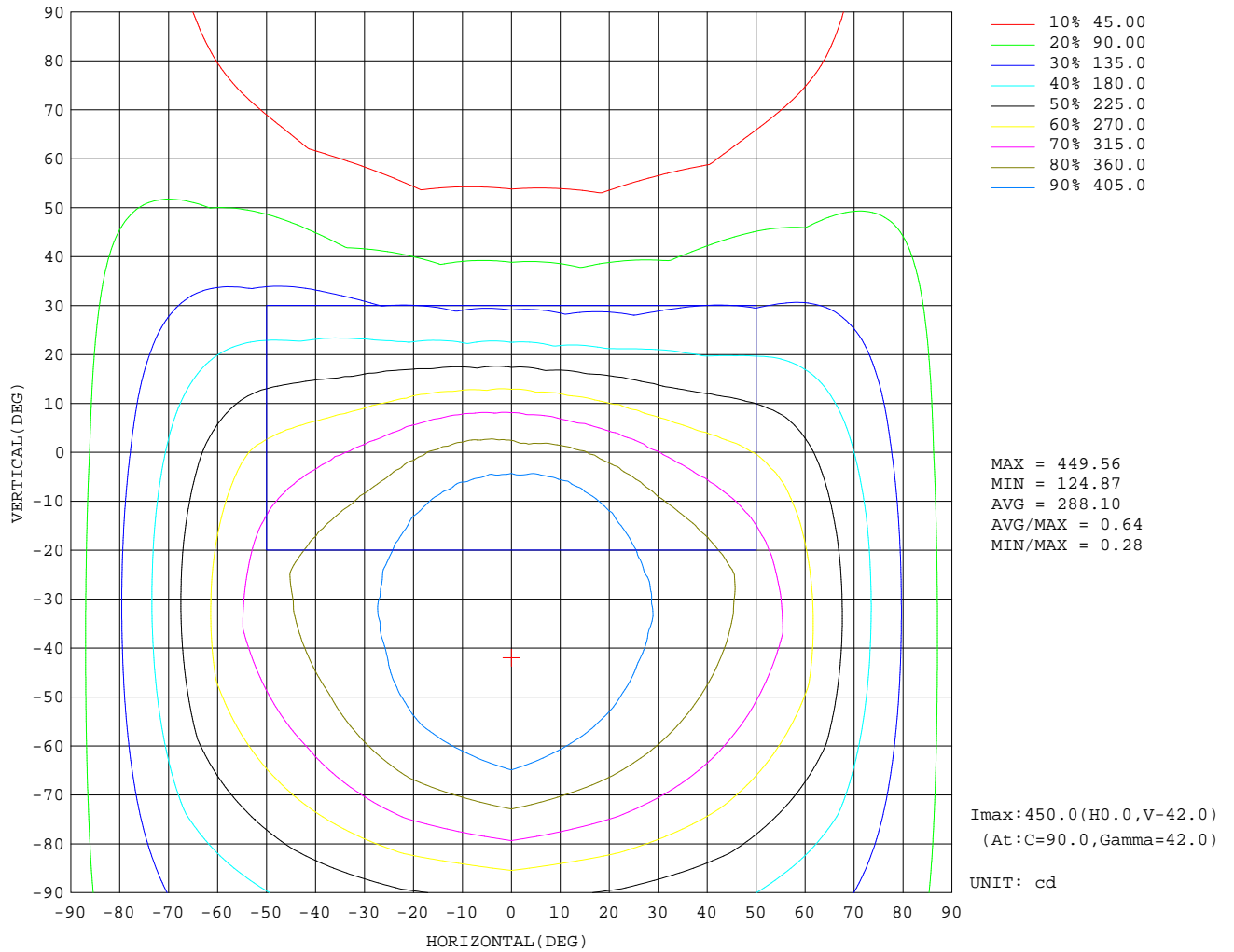
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	368.2	417.8	433.2	416.7	369.8	321.7	296.9	319.7	0- 10	35.58	35.58	2.12,2.12
20	343.6	428.6	447.9	428.2	348.0	249.2	200.9	242.2	10- 20	99.69	135.3	8.05,8.05
30	312.9	421.1	446.7	421.7	320.7	181.0	129.7	172.5	20- 30	146.8	282.1	16.8,16.8
40	288.4	408.3	449.6	407.9	298.8	130.5	85.67	122.4	30- 40	179.9	462.0	27.5,27.5
50	266.0	389.0	446.6	389.1	278.2	94.57	54.46	87.40	40- 50	203.1	665.1	39.6,39.6
60	231.1	359.1	425.6	357.3	239.1	66.59	31.47	60.60	50- 60	212.5	877.7	52.2,52.2
70	178.1	310.8	377.8	308.8	182.2	43.55	14.15	38.89	60- 70	201.0	1079	64.2,64.2
80	120.4	250.6	310.5	248.9	120.6	27.32	5.789	23.44	70- 80	170.0	1249	74.3,74.3
90	75.53	190.1	237.9	190.0	75.57	22.96	5.807	19.61	80- 90	131.2	1380	82.1,82.1
100	55.87	145.0	178.5	146.1	56.22	20.34	6.647	17.83	90-100	98.37	1478	87.9,87.9
110	45.05	111.5	134.7	112.6	45.39	17.74	6.674	15.81	100-110	73.79	1552	92.3,92.3
120	37.60	84.49	99.24	85.18	37.64	15.07	6.203	13.66	110-120	53.84	1606	95.5,95.5
130	29.70	62.40	70.31	62.81	28.31	12.18	5.470	11.36	120-130	37.25	1643	97.7,97.7
140	15.22	42.20	36.97	41.16	13.15	9.085	4.665	8.708	130-140	22.41	1666	99.1,99.1
150	4.790	23.79	15.39	22.42	4.741	5.968	3.488	6.140	140-150	10.37	1676	99.7,99.7
160	2.345	10.75	7.043	11.00	1.943	3.726	2.849	3.977	150-160	3.707	1680	99.9,99.9
170	2.139	2.988	3.089	2.672	2.111	2.061	2.219	2.237	160-170	1.148	1681	100,100
180	1.786	1.751	1.742	1.770	1.792	1.779	1.754	1.787	170-180	0.1936	1681	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

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:

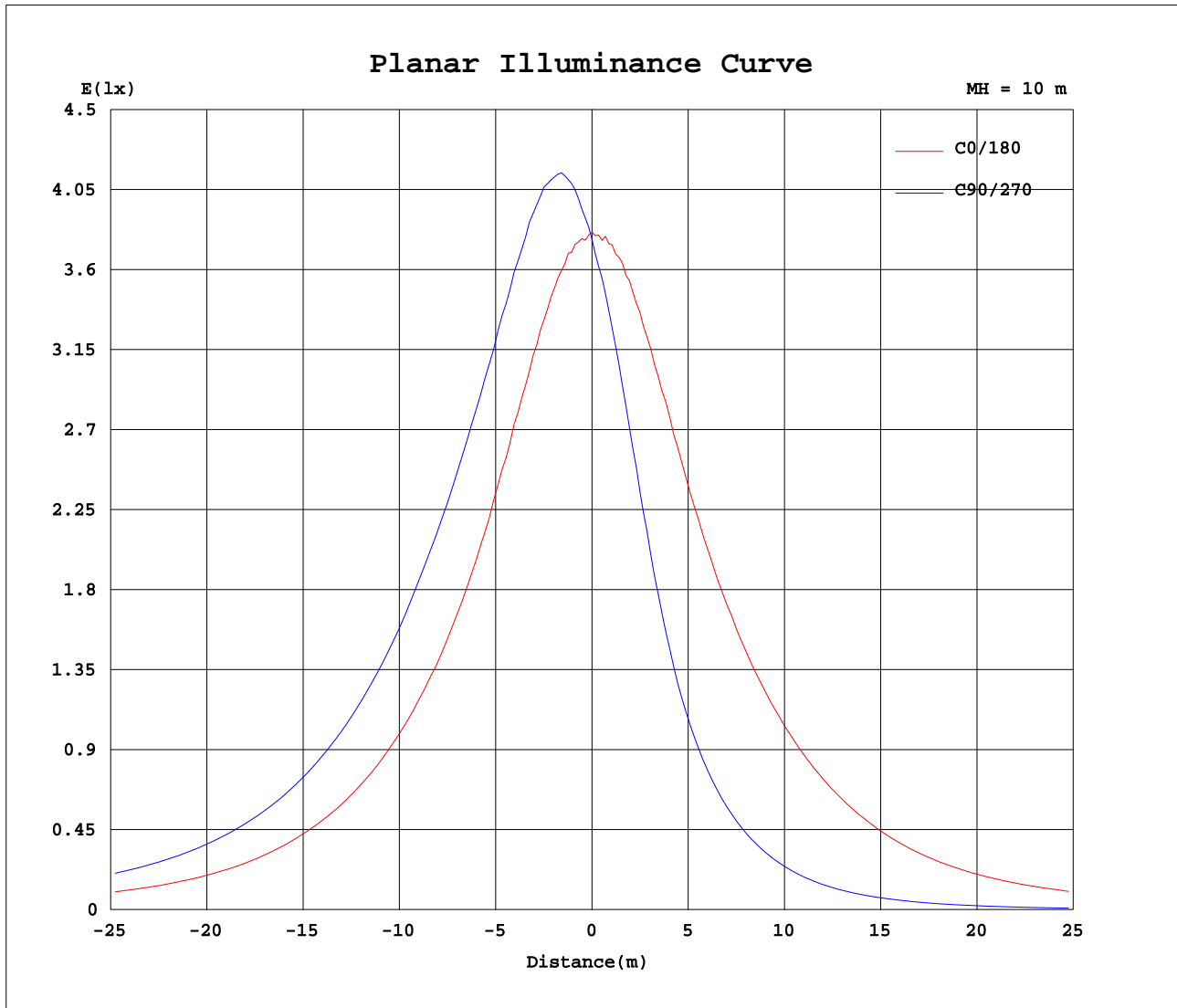
ISOCANDELA DIAGRAM



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



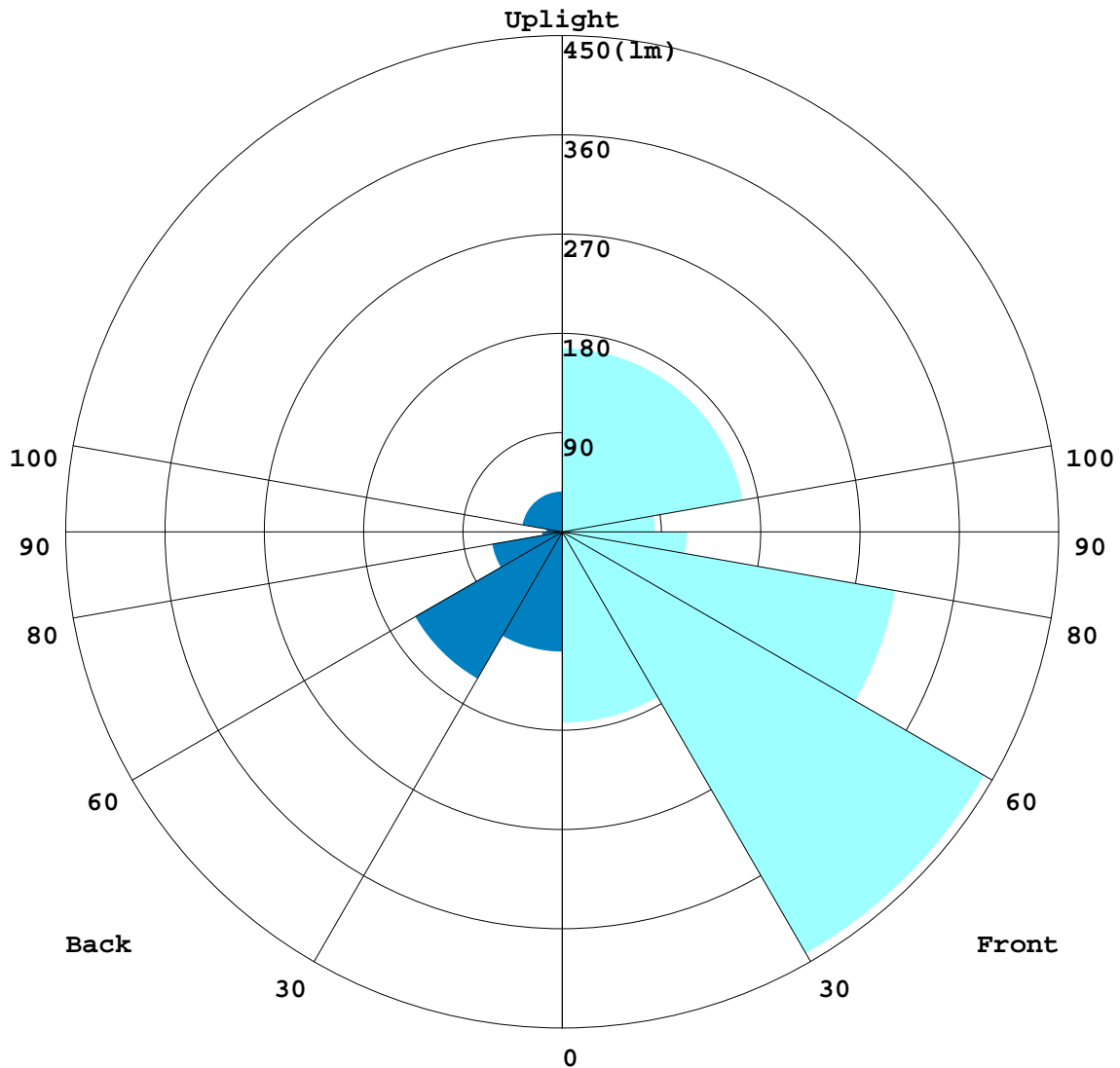
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JINZHI
 Test Date: 2022-06-28

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:

LCS REPORT

Test:U:119.87V I:0.1238A P:14.698W PF:0.9903 Freq:59.98Hz Lamp Flux:1742.45x1 lm		
NAME: PLTS-12366 15W 3000K 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

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:

BUG REPORT

Test:U:119.87V I:0.1238A P:14.698W PF:0.9903 Freq:59.98Hz Lamp Flux:1742.45x1 lm		
NAME: PLTS-12366 15W 3000K 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)	173.25	10.3
FM - Front-Medium(30-60)	441.81	26.3
FH - Front-High(60-80)	306.73	18.2
FVH - Front-Very High(80-90)	113.13	6.7
Total Forward Light	1285.3	76.5

BL - Back-Low(0-30)	108.83	6.5
BM - Back-Medium(30-60)	153.81	9.1
BH - Back-High(60-80)	64.284	3.8
BVH - Back-Very High(80-90)	18.101	1.1
Total Back Light	395.68	23.5

UL - Uplight-Low(90-100)	98.367	5.9
UH - Uplight-High(100-180)	202.7	12.1
Total Up Light	301.07	17.9

BUG(Back,Up,Glare) Rating	B0-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	345.02	50.661	395.68
Street Side	1034.9	250.41	1285.3

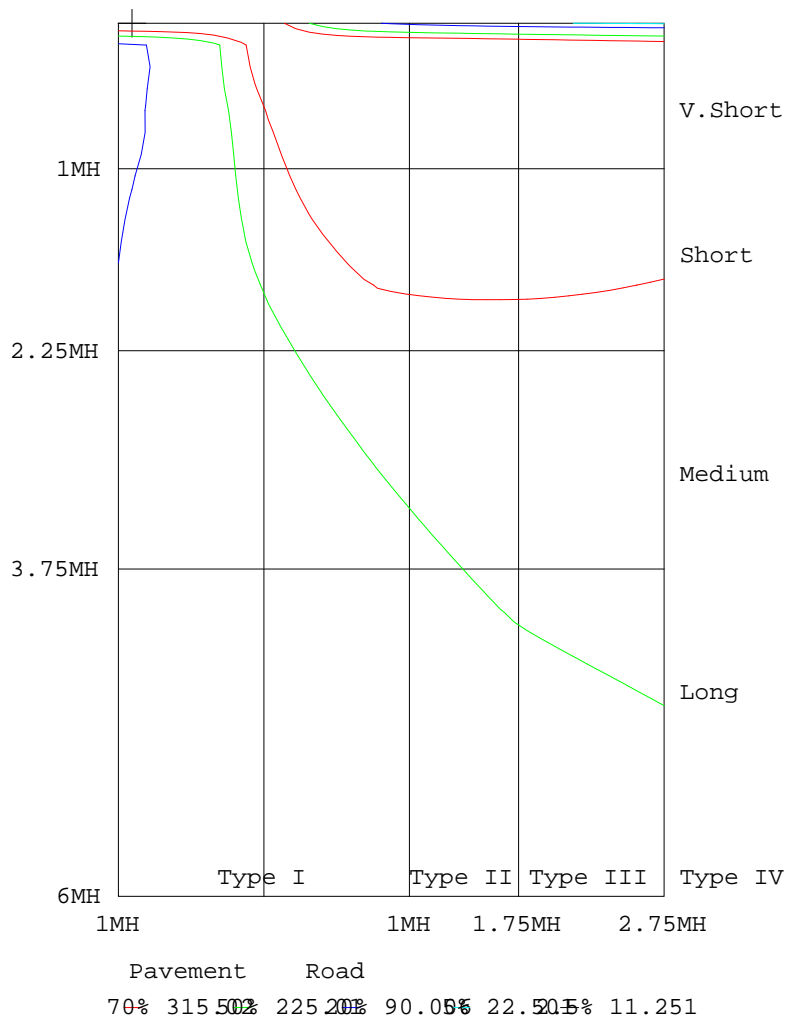
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2022-06-28

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:119.87V I:0.1238A P:14.698W PF:0.9903 Freq:59.98Hz Lamp Flux:1742.45x1 lm		
NAME: PLTS-12366 15W 3000K 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	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377	377			
5	375	388	398	405	410	408	400	389	375	363	353	343	341	341	351	362			
10	368	395	418	429	433	430	417	399	370	346	322	303	297	301	320	341			
15	358	397	425	442	445	441	424	400	360	324	286	257	248	254	282	318			
20	344	395	429	445	448	444	428	397	348	299	249	211	201	208	242	291			
25	329	390	426	443	449	442	427	392	335	274	214	172	160	168	205	265			
30	313	383	421	439	447	438	422	387	321	251	181	139	130	136	172	239			
35	299	378	414	435	447	435	416	381	309	227	153	113	105	111	145	215			
40	288	373	408	430	450	431	408	377	299	208	131	92.2	85.7	90.2	122	193			
45	277	367	399	426	448	429	400	371	290	189	111	74.7	68.8	73.0	104	174			
50	266	360	389	419	447	423	389	364	278	170	94.6	59.8	54.5	58.3	87.4	156			
55	252	347	377	409	439	413	375	349	262	152	79.8	46.8	42.1	45.5	73.3	139			
60	231	329	359	394	426	398	357	328	239	134	66.6	35.4	31.5	34.3	60.6	122			
65	206	303	337	373	405	377	335	303	212	115	54.4	25.3	22.1	24.4	49.2	106			
70	178	274	311	348	378	352	309	273	182	97.1	43.6	16.6	14.1	15.9	38.9	89.6			
75	149	240	282	319	346	322	280	240	151	79.8	34.1	9.76	8.13	9.20	30.0	74.3			
80	120	205	251	286	311	289	249	205	121	64.6	27.3	6.45	5.79	5.86	23.4	60.7			
85	94.6	171	219	253	274	254	218	172	94.1	53.7	24.6	6.11	5.68	5.70	20.9	50.5			
90	75.5	141	190	220	238	222	190	145	75.6	47.5	23.0	6.13	5.81	5.77	19.6	44.9			
95	64.2	119	166	192	206	193	166	124	64.5	42.7	21.7	6.40	6.24	6.12	18.7	40.7			
100	55.9	103	145	167	179	168	146	107	56.2	38.8	20.3	6.62	6.65	6.44	17.8	37.1			
105	49.7	89.1	127	147	156	147	129	93.7	50.1	35.5	19.0	6.58	6.75	6.49	16.8	34.0			
110	45.1	77.9	112	128	135	128	113	82.0	45.4	32.6	17.7	6.43	6.67	6.40	15.8	31.3			
115	41.1	68.3	97.3	111	116	111	98.2	71.8	41.4	30.0	16.4	6.20	6.49	6.21	14.8	28.8			
120	37.6	59.8	84.5	96.1	99.2	95.4	85.2	62.7	37.6	27.5	15.1	5.90	6.20	5.94	13.7	26.4			
125	34.2	52.2	73.0	82.7	84.6	81.8	73.5	54.4	34.0	24.9	13.6	5.57	5.86	5.59	12.6	24.1			
130	29.7	45.0	62.4	69.4	70.3	67.7	62.8	46.8	28.3	22.2	12.2	5.21	5.47	5.17	11.4	21.7			
135	22.8	37.2	52.2	56.2	52.6	53.1	51.9	39.2	20.3	19.4	10.7	4.78	5.07	4.71	10.1	19.1			
140	15.2	29.4	42.2	42.9	37.0	39.0	41.2	31.9	13.2	16.7	9.08	4.29	4.66	4.27	8.71	16.4			
145	8.62	21.3	32.5	30.4	22.8	26.3	31.0	24.0	7.00	12.8	7.49	3.60	4.07	3.87	7.37	12.9			
150	4.79	13.0	23.8	21.8	15.4	18.5	22.4	16.0	4.74	8.50	5.97	3.40	3.49	3.29	6.14	8.95			
155	3.57	7.27	16.5	15.6	9.97	12.8	15.8	8.74	2.70	4.84	4.66	3.02	3.14	2.95	5.09	5.34			
160	2.34	3.46	10.7	11.6	7.04	9.52	11.0	4.38	1.94	2.87	3.73	2.78	2.85	2.68	3.98	3.32			
165	1.88	3.16	6.45	7.81	6.86	7.15	6.37	3.48	2.08	2.37	2.71	2.41	2.45	2.42	2.95	2.75			
170	2.14	2.48	2.99	3.53	3.09	2.96	2.67	2.38	2.11	2.28	2.06	2.10	2.22	2.21	2.24	2.59			
175	1.90	1.85	1.81	1.69	1.59	1.64	1.67	1.73	1.80	1.85	1.87	1.90	1.90	1.98	1.92	1.94			
180	1.79	1.78	1.75	1.77	1.74	1.76	1.77	1.80	1.79	1.78	1.78	1.78	1.75	1.77	1.79	1.81			

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: