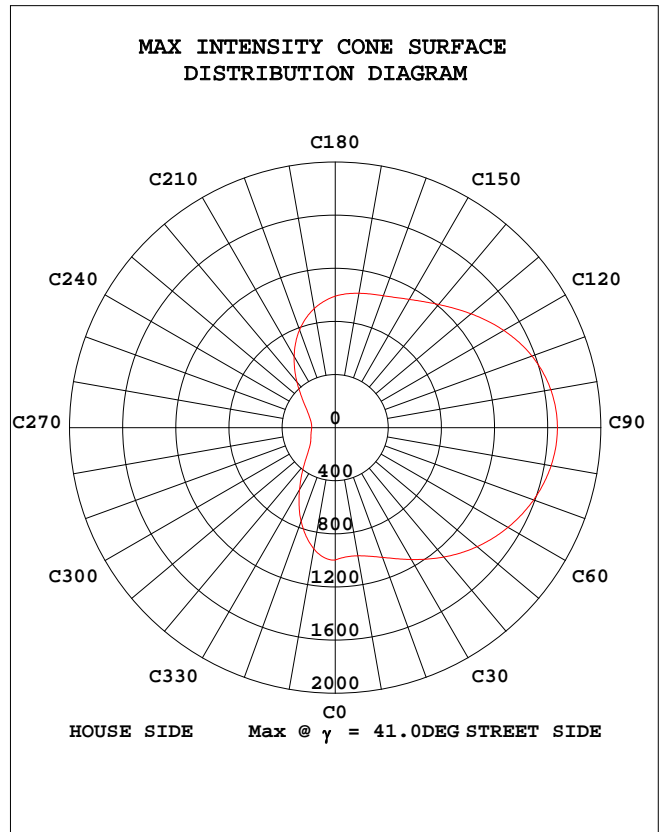
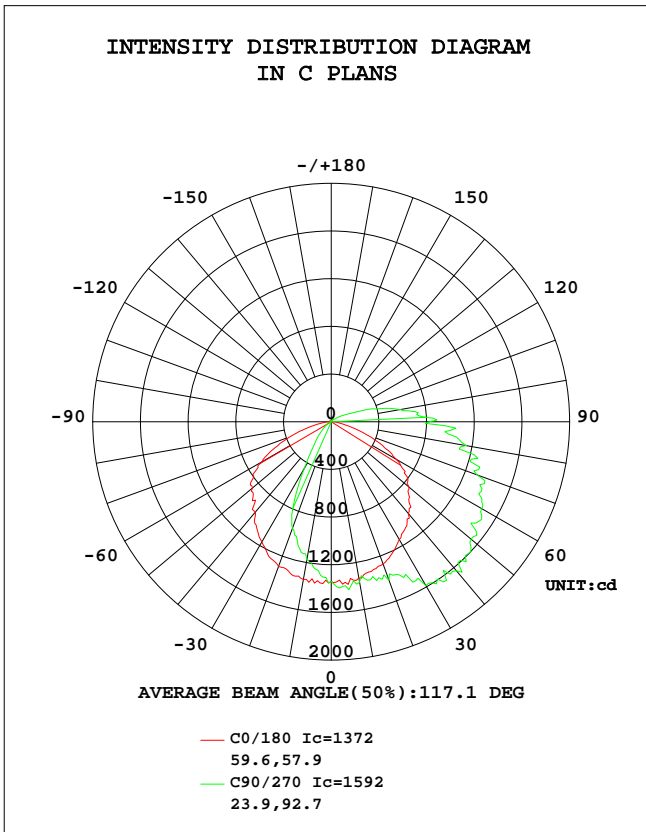


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:120.13V I:0.2908A P:34.658W PF:0.9923 Freq:59.98Hz Lamp Flux:4672.32x1 lm		
NAME: PLTS-12362 35W 5K G4 WP	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.02*1	Shielding Angle:

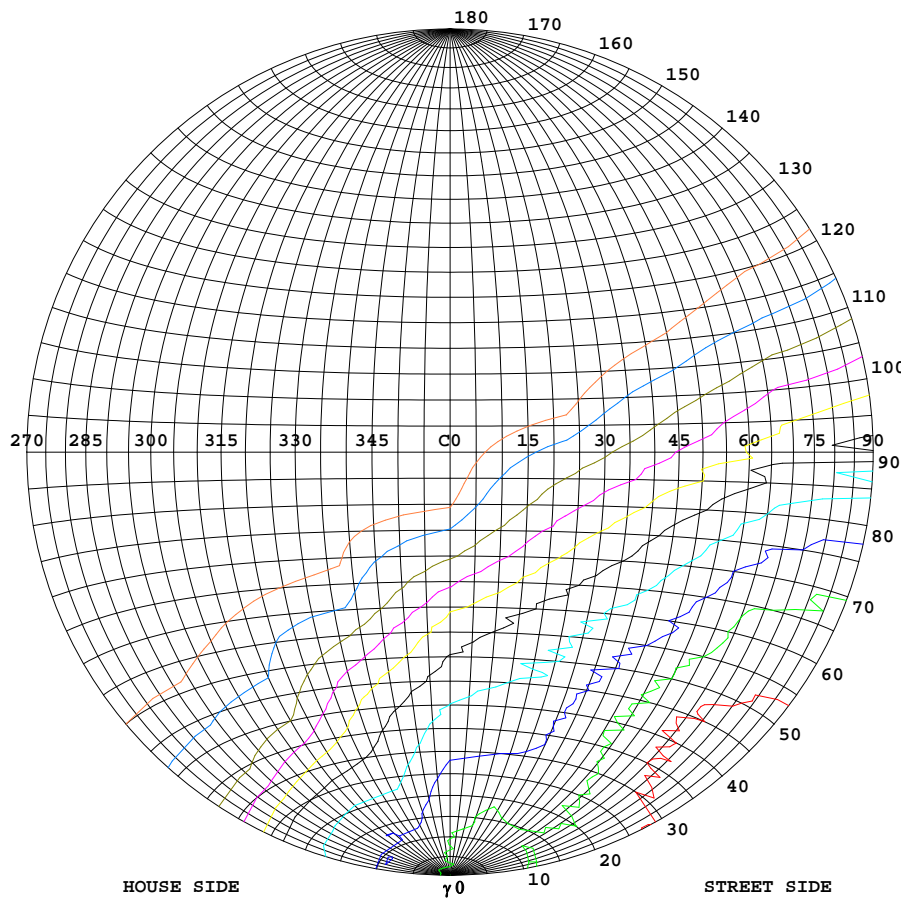
DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.81 lm/W			
MODEL		I <sub>max</sub> (cd)	1673	η street_up(%)	8.4
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	70.1
RATED VOLTAGE(V)		TOTAL FLUX(lm)	4672	η house_up(%)	0.5
NOMINAL FLUX(lm)	4672.32	MAXIMUM @(C,γ )	90,41.0	η house_down(%)	21.1
LAMPS INSIDE	1	η up(%)	8.9	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	91.1	SLI	19.140



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JZ  
 Test Date:2022-07-20

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:**

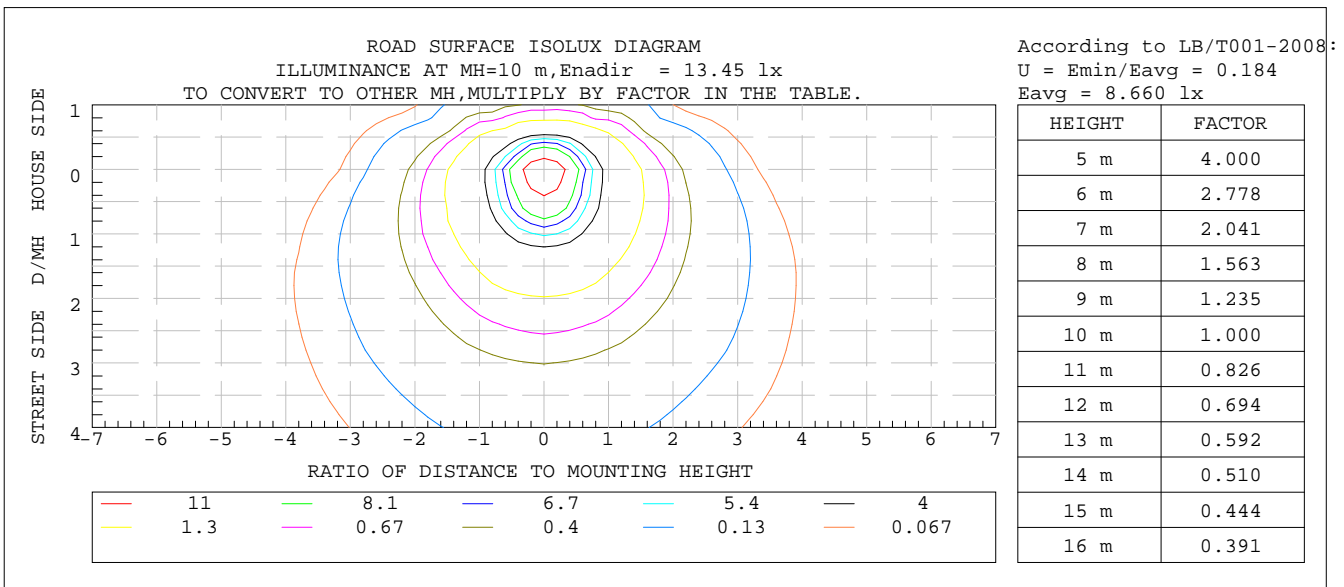
IES:Type IV - Very Short  
 CIE:Average - Short  
 IES:None cut-off  
 CIE:Non-cut-off  
 Max.At80:246.3cd/klm  
 Max.At90:176.5cd/klm  
 Max.80-90:246.3cd/klm  
 NRB 5101:Semi limited[20.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1673
90%	1505
80%	1338
70%	1171
60%	1004
50%	836
40%	669
30%	502
20%	335
10%	167
5%	84

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JZ  
 Test Date:2022-07-20

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: JZ  
Test Date: 2022-07-20

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:

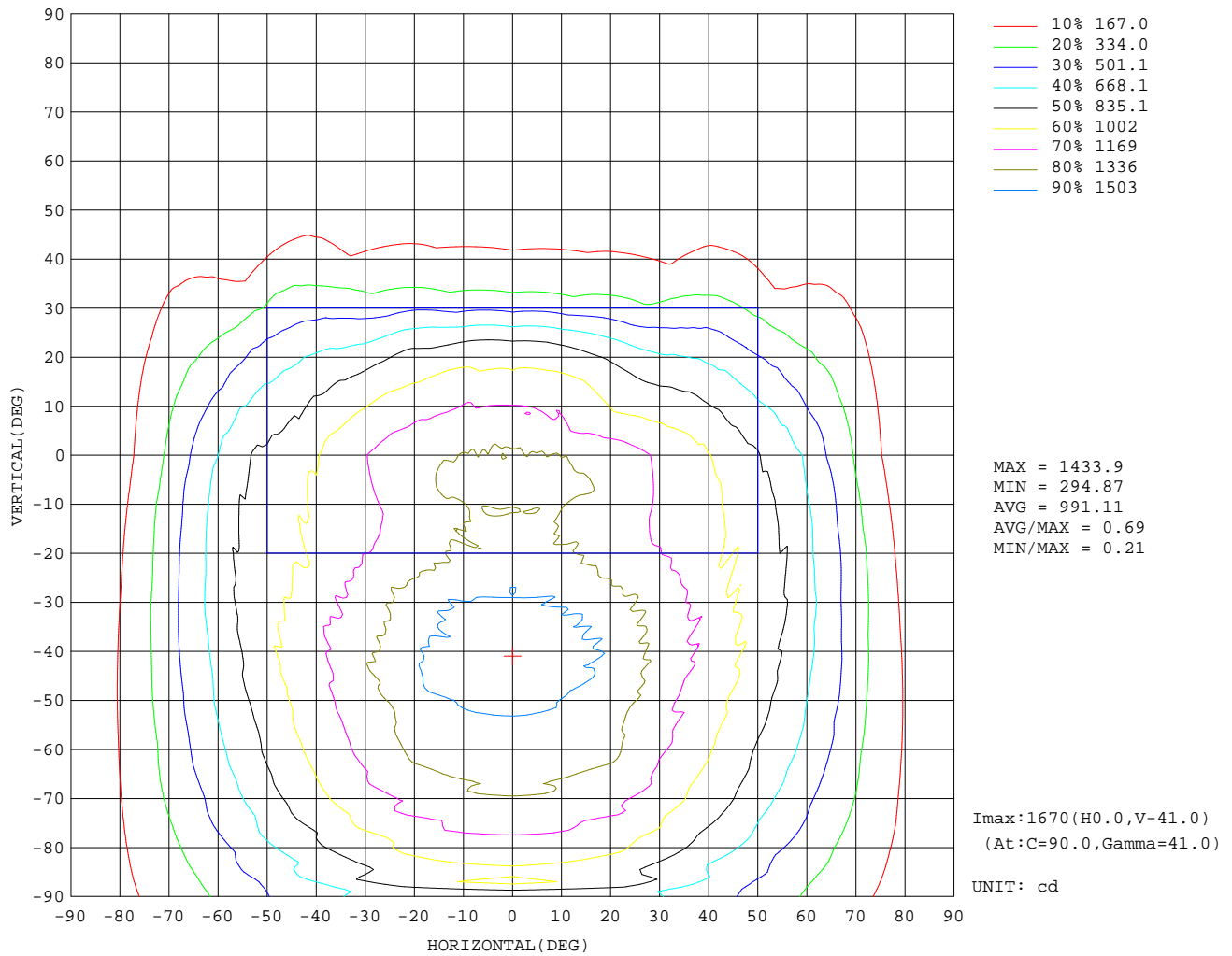
ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1331	1374	1367	1354	1344	1215	1178	1198	0- 10	126.6	126.6	2.71,2.71
20	1271	1311	1415	1302	1292	1079	951.0	1023	10- 20	351.0	477.6	10.2,10.2
30	1141	1255	1588	1303	1164	825.0	452.2	722.8	20- 30	515.4	992.9	21.3,21.3
40	1006	1320	1632	1286	988.1	405.7	190.4	334.5	30- 40	602.5	1595	34.1,34.1
50	849.9	1220	1532	1291	862.1	172.8	83.42	154.2	40- 50	645.8	2241	48,48
60	629.1	1134	1459	1142	667.1	103.4	41.79	92.61	50- 60	634.6	2876	61.6,61.6
70	310.2	957.4	1298	996.6	367.4	48.46	23.02	44.34	60- 70	571.7	3448	73.8,73.8
80	75.01	757.3	1151	787.6	107.3	18.22	3.473	17.23	70- 80	467.5	3915	83.8,83.8
90	26.31	511.7	824.8	563.5	28.60	8.032	4.570	7.708	80- 90	343.2	4258	91.1,91.1
100	14.43	267.4	589.0	293.8	14.83	5.443	5.553	5.727	90-100	219.6	4478	95.8,95.8
110	11.85	94.63	277.8	106.3	12.95	5.318	6.286	5.955	100-110	110.3	4588	98.2,98.2
120	12.25	39.70	99.41	41.54	13.96	5.467	6.717	6.023	110-120	42.25	4630	99.1,99.1
130	11.12	23.78	34.31	23.61	12.09	5.791	6.865	6.255	120-130	18.83	4649	99.5,99.5
140	7.853	19.13	27.48	18.77	7.685	6.092	6.859	6.590	130-140	10.94	4660	99.7,99.7
150	5.504	9.235	14.66	9.381	5.326	6.314	6.848	6.890	140-150	6.727	4667	99.9,99.9
160	5.440	4.438	6.461	4.560	5.464	6.410	6.859	7.157	150-160	3.165	4670	100,100
170	5.866	5.278	4.982	5.284	5.918	6.370	6.643	7.122	160-170	1.654	4672	100,100
180	6.128	6.052	6.035	6.198	6.128	6.058	6.041	6.204	170-180	0.5731	4672	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JZ  
 Test Date:2022-07-20

$\gamma$  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:

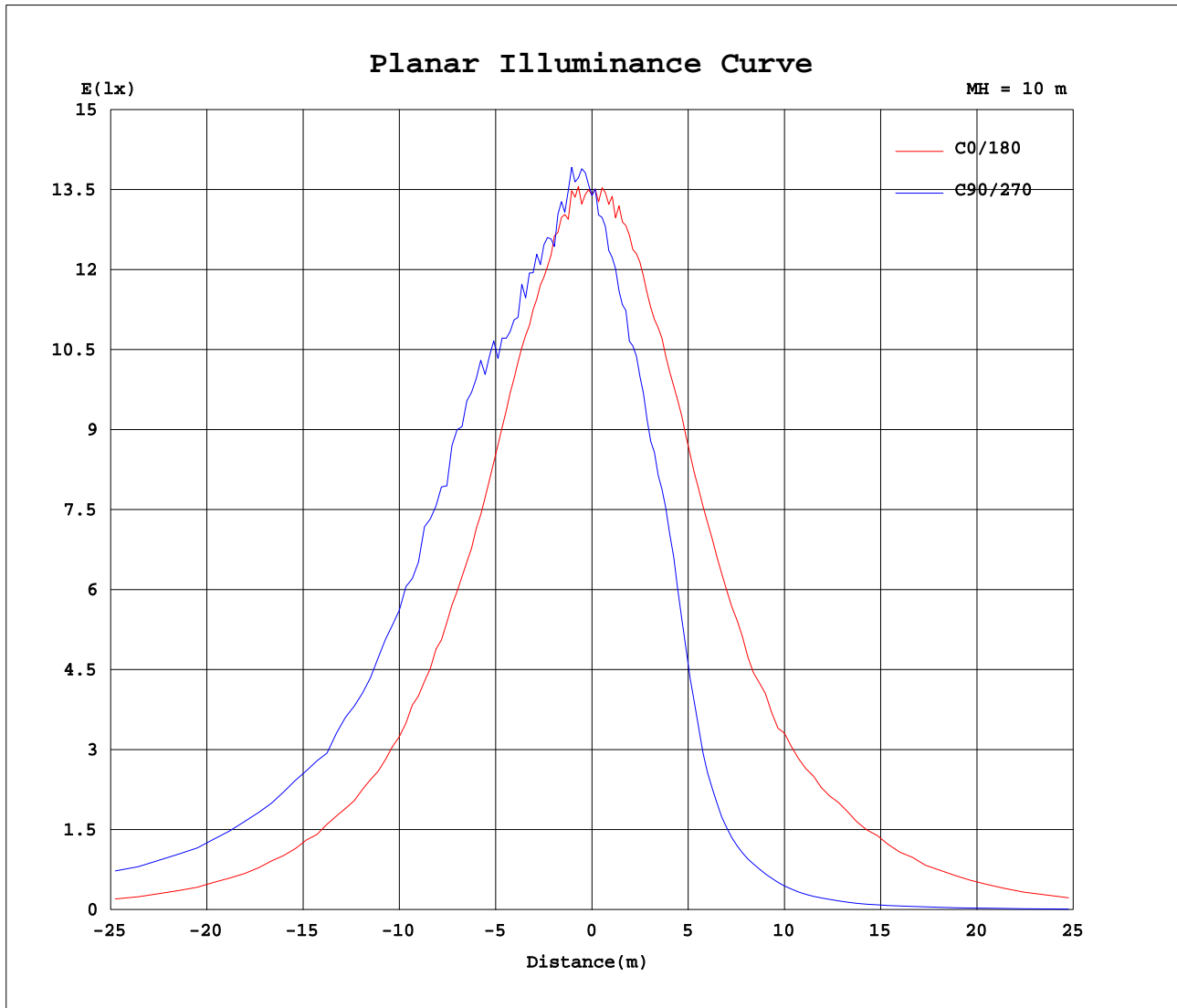
**ISOCANDELA DIAGRAM**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JZ  
 Test Date: 2022-07-20

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



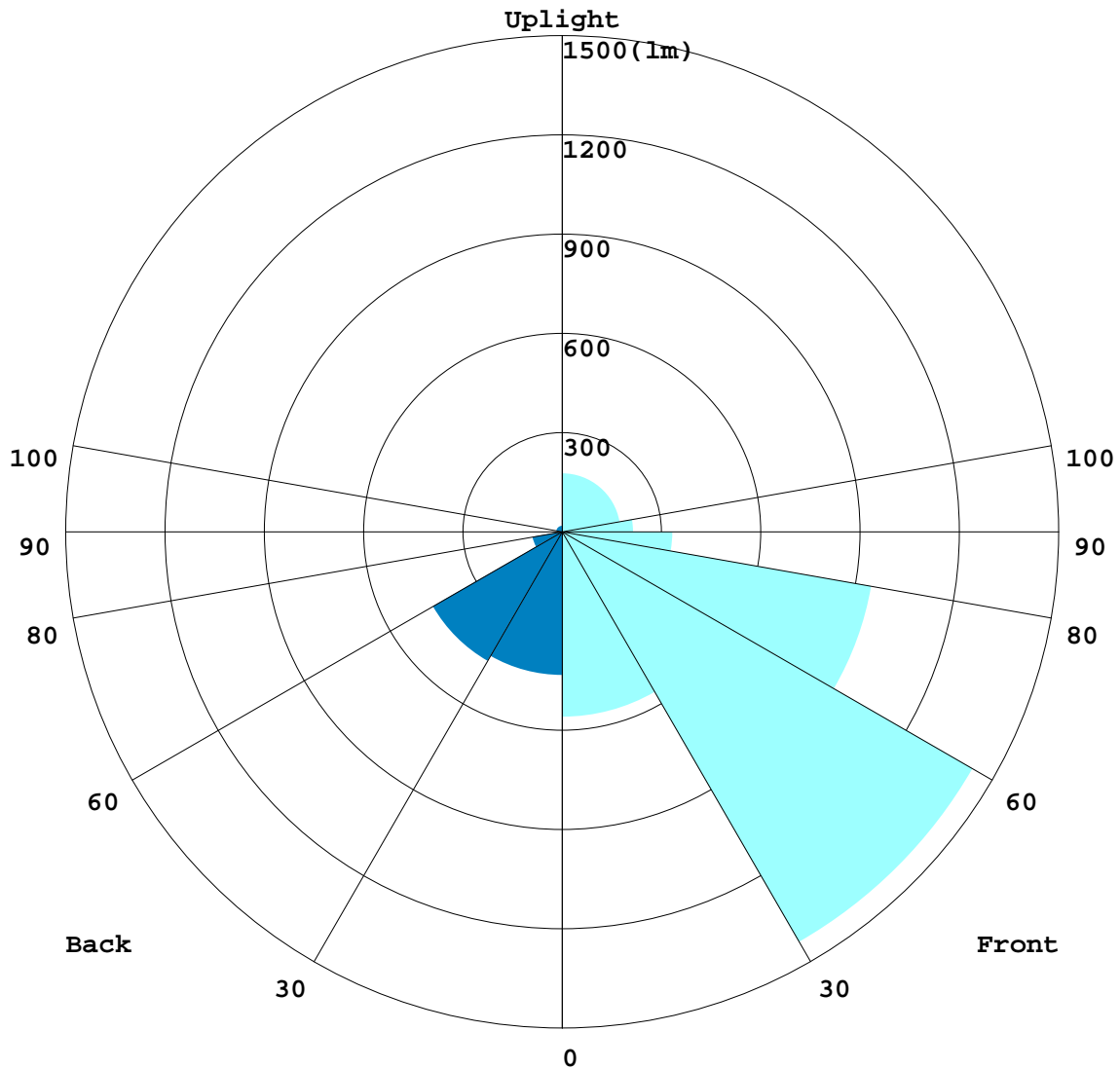
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JZ  
 Test Date: 2022-07-20

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:120.13V I:0.2908A P:34.658W PF:0.9923 Freq:59.98Hz Lamp Flux:4672.32x1 lm		
NAME: PLTS-12362 35W 5K G4 WP	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:JZ  
 Test Date:2022-07-20

$\gamma$  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:120.13V I:0.2908A P:34.658W PF:0.9923 Freq:59.98Hz Lamp Flux:4672.32x1 lm		
NAME: PLTS-12362 35W 5K G4 WP	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)	559.65	12.0
FM - Front-Medium(30-60)	1432	30.6
FH - Front-High(60-80)	948.32	20.3
FVH - Front-Very High(80-90)	333.21	7.1
<b>Total Forward Light</b>	<b>3664.4</b>	<b>78.4</b>

BL - Back-Low(0-30)	433.29	9.3
BM - Back-Medium(30-60)	450.97	9.7
BH - Back-High(60-80)	90.895	1.9
BVH - Back-Very High(80-90)	9.9456	0.2
<b>Total Back Light</b>	<b>1007.9</b>	<b>21.6</b>

UL - Uplight-Low(90-100)	219.64	4.7
UH - Uplight-High(100-180)	194.4	4.2
<b>Total Up Light</b>	<b>414.04</b>	<b>8.9</b>

BUG(Back,Up,Glare) Rating	B1-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	985.1	22.786	1007.9
Street Side	3273.2	391.25	3664.4

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JZ  
 Test Date:2022-07-20

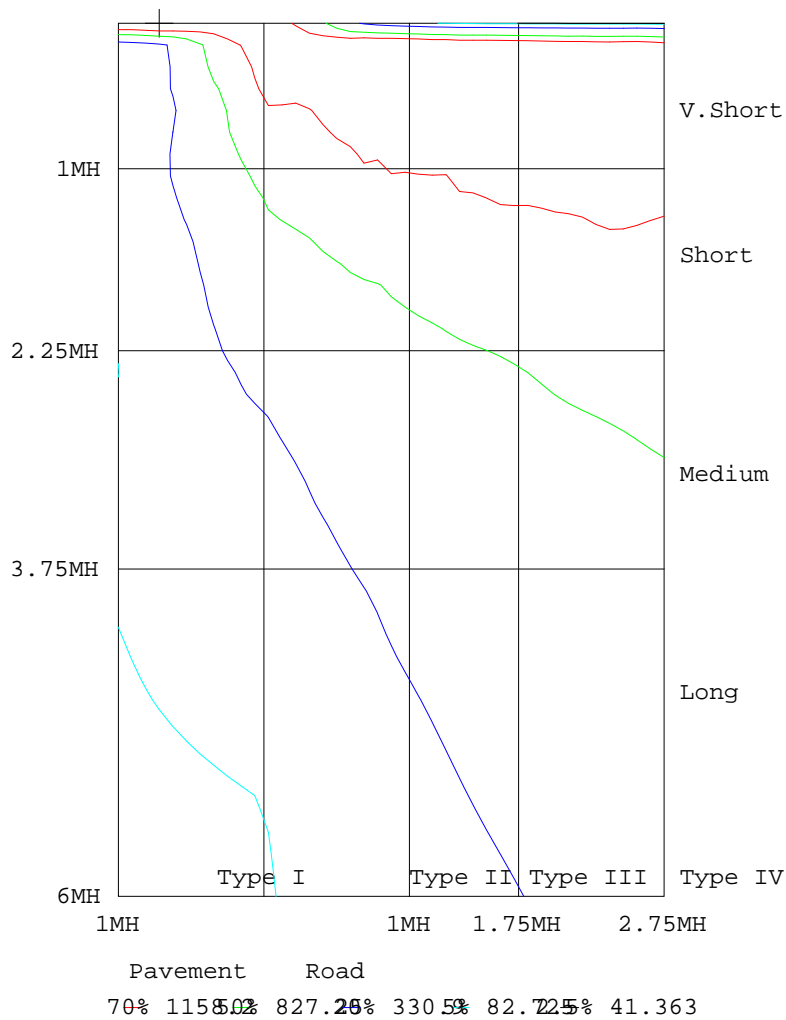
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.429  
 Humidity:65.0%  
 Test Distance:8.450m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:120.13V I:0.2908A P:34.658W PF:0.9923 Freq:59.98Hz Lamp Flux:4672.32x1 lm		
NAME: PLTS-12362 35W 5K G4 WP	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:JZ  
 Test Date:2022-07-20

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	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341	1341			
5	1352	1395	1405	1372	1382	1352	1396	1361	1339	1314	1336	1256	1252	1255	1295	1279			
10	1331	1379	1374	1405	1367	1403	1354	1363	1344	1301	1215	1190	1178	1181	1198	1230			
15	1301	1360	1326	1399	1344	1380	1303	1370	1319	1237	1143	1108	1076	1085	1105	1124			
20	1271	1292	1311	1336	1415	1315	1302	1287	1292	1158	1079	983	951	959	1023	1028			
25	1215	1243	1308	1389	1441	1367	1272	1215	1245	1071	936	831	734	795	900	949			
30	1141	1181	1255	1488	1588	1461	1303	1146	1164	981	825	553	452	528	723	877			
35	1086	1117	1309	1530	1640	1556	1311	1077	1090	866	611	343	280	315	513	812			
40	1006	1073	1320	1500	1632	1550	1286	1053	988	767	406	226	190	214	334	727			
45	919	1052	1259	1488	1590	1537	1296	1059	936	660	279	161	126	148	230	609			
50	850	966	1220	1486	1532	1509	1291	999	862	544	173	108	83.4	96.6	154	476			
55	748	965	1169	1418	1481	1418	1187	943	793	396	130	71.6	55.2	64.9	119	332			
60	629	882	1134	1383	1459	1392	1142	900	667	214	103	49.1	41.8	44.7	92.6	175			
65	479	787	1041	1324	1388	1323	1077	794	528	114	74.6	34.4	30.3	31.4	67.7	107			
70	310	677	957	1281	1298	1279	997	685	367	76.1	48.5	22.9	23.0	21.3	44.3	76.6			
75	173	580	877	1147	1217	1142	926	582	216	56.1	29.6	12.9	14.1	11.2	27.9	58.1			
80	75.0	453	757	1032	1151	1020	788	477	107	39.5	18.2	3.85	3.47	3.21	17.2	42.2			
85	40.5	338	607	877	957	894	652	367	49.8	25.9	11.4	3.71	4.02	3.68	10.9	28.1			
90	26.3	218	512	758	825	782	563	252	28.6	16.0	8.03	4.19	4.57	4.21	7.71	18.1			
95	18.4	115	385	659	720	671	422	143	19.4	10.4	6.22	4.67	5.08	4.69	6.16	12.4			
100	14.4	56.4	267	513	589	522	294	72.8	14.8	7.27	5.44	5.12	5.55	5.15	5.73	9.37			
105	12.4	34.9	160	351	428	368	177	45.7	13.0	6.31	5.27	5.51	5.95	5.55	5.77	8.08			
110	11.8	24.8	94.6	205	278	216	106	30.8	12.9	6.00	5.32	5.85	6.29	5.88	5.95	7.58			
115	12.2	19.8	60.7	123	157	131	66.6	24.7	13.4	6.09	5.35	6.10	6.54	6.14	5.97	7.45			
120	12.2	17.9	39.7	79.6	99.4	82.1	41.5	21.3	14.0	6.24	5.47	6.31	6.72	6.33	6.02	7.45			
125	11.9	17.9	28.0	48.6	60.0	48.8	28.6	21.0	13.5	6.13	5.63	6.43	6.82	6.46	6.14	7.46			
130	11.1	18.3	23.8	32.4	34.3	31.5	23.6	21.4	12.1	5.91	5.79	6.54	6.86	6.54	6.26	7.29			
135	9.63	17.3	21.6	26.7	25.8	26.4	21.6	18.9	9.88	5.69	5.95	6.59	6.88	6.58	6.43	7.03			
140	7.85	13.2	19.1	24.9	27.5	25.4	18.8	14.5	7.69	5.53	6.09	6.62	6.86	6.61	6.59	6.84			
145	6.36	9.17	13.9	20.3	26.2	20.9	13.7	10.2	6.16	5.54	6.21	6.66	6.84	6.66	6.73	6.71			
150	5.50	6.43	9.23	12.6	14.7	12.8	9.38	6.93	5.33	5.66	6.31	6.71	6.85	6.72	6.89	6.76			
155	5.26	5.00	5.84	8.64	9.89	8.80	5.95	5.57	5.23	5.81	6.39	6.73	6.88	6.79	7.03	6.79			
160	5.44	4.91	4.44	5.83	6.46	5.90	4.56	5.51	5.46	5.95	6.41	6.70	6.86	6.83	7.16	6.79			
165	5.65	5.25	4.86	4.51	4.66	4.45	4.82	5.67	5.70	6.06	6.40	6.61	6.78	6.81	7.21	6.85			
170	5.87	5.56	5.28	5.02	4.98	5.02	5.28	5.53	5.92	6.15	6.37	6.50	6.64	6.71	7.12	6.76			
175	6.05	5.86	5.70	5.54	5.54	5.58	5.77	5.88	6.07	6.18	6.27	6.31	6.38	6.47	6.67	6.45			
180	6.13	6.09	6.05	6.01	6.03	6.08	6.20	6.20	6.13	6.09	6.06	6.01	6.04	6.07	6.20	6.20			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: JZ  
 Test Date: 2022-07-20

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: