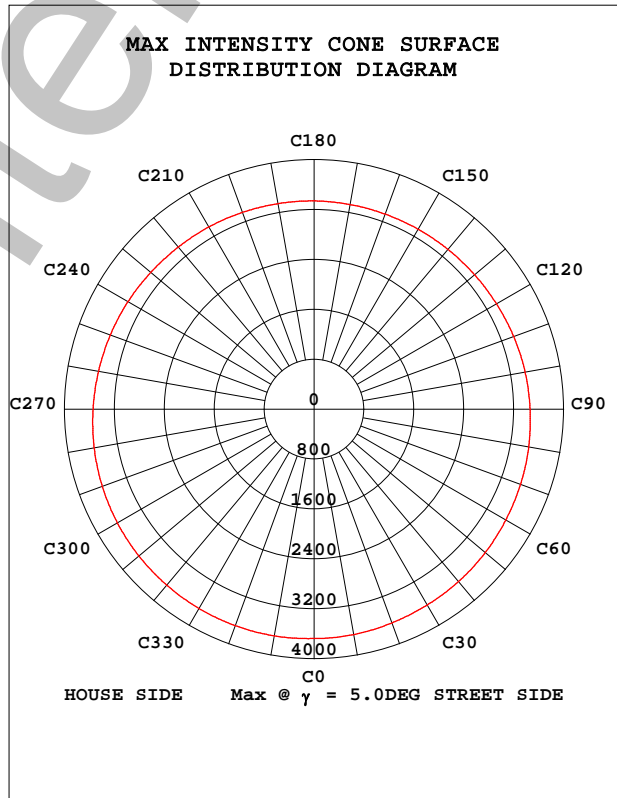
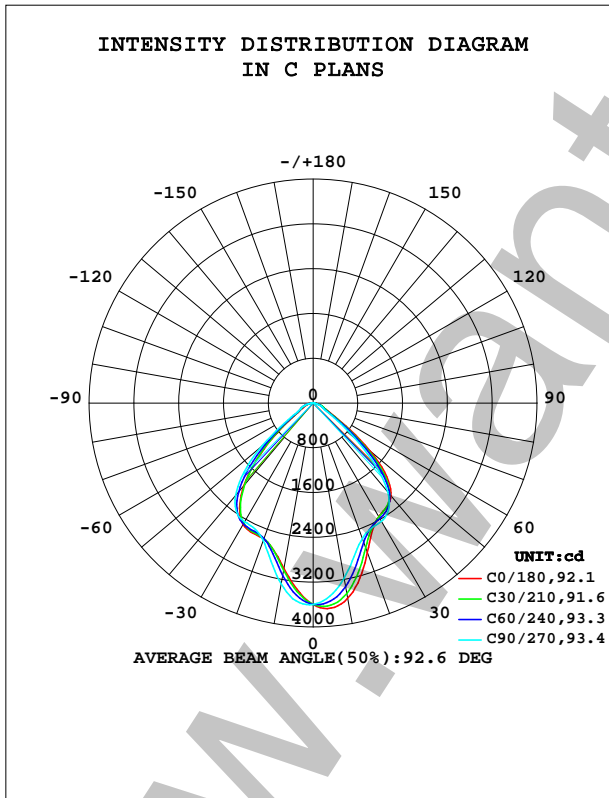


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.38 lm/W			
MODEL	投光灯 50W	I <sub>max</sub> (cd)	3692	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	49.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5913	η house_up(%)	0.0
NOMINAL FLUX(lm)	5912.77	MAXIMUM @(C,γ )	345,5.0	η house_down(%)	51.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	17.042

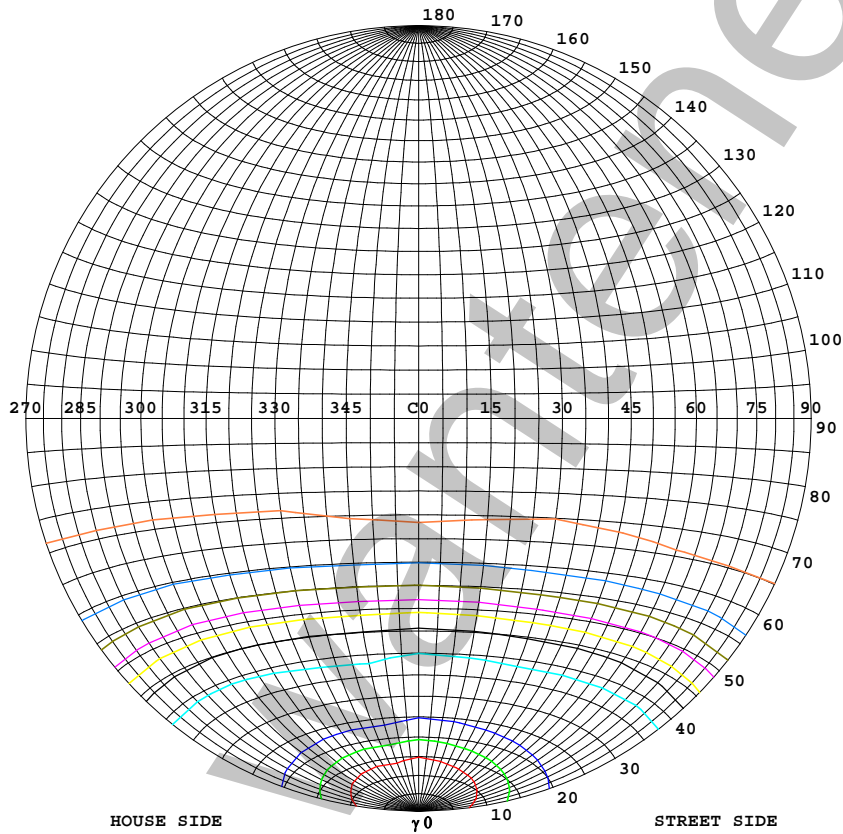


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



Classification:

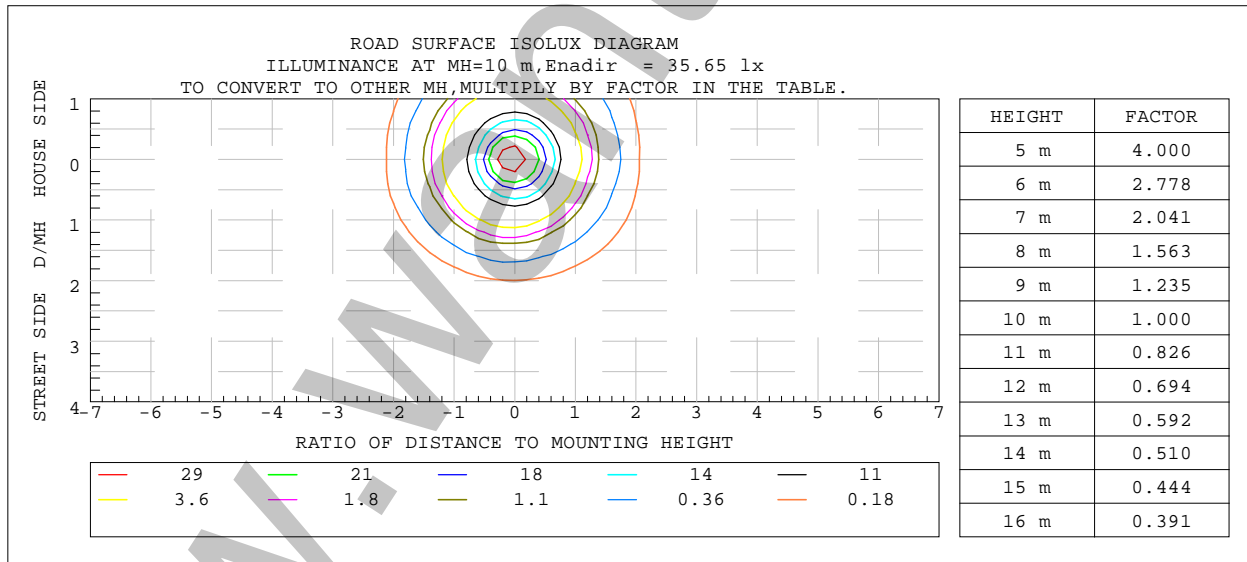
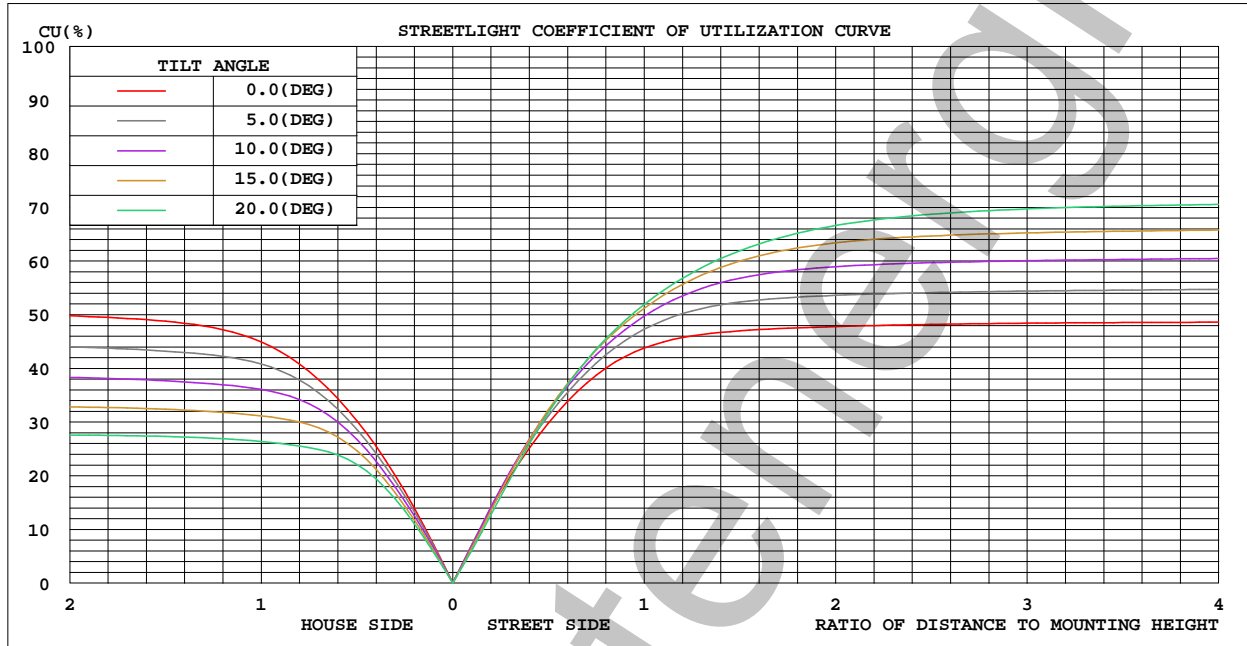
IES:Type V - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Full cut-off  
 Max.At80:16.14cd/klm  
 Max.At90:0.9057cd/klm  
 Max.80-90:16.14cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3692
90%	3323
80%	2954
70%	2585
60%	2215
50%	1846
40%	1477
30%	1108
20%	738
10%	369
5%	185

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ADMIN  
Test Date: 2019-12-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.000m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

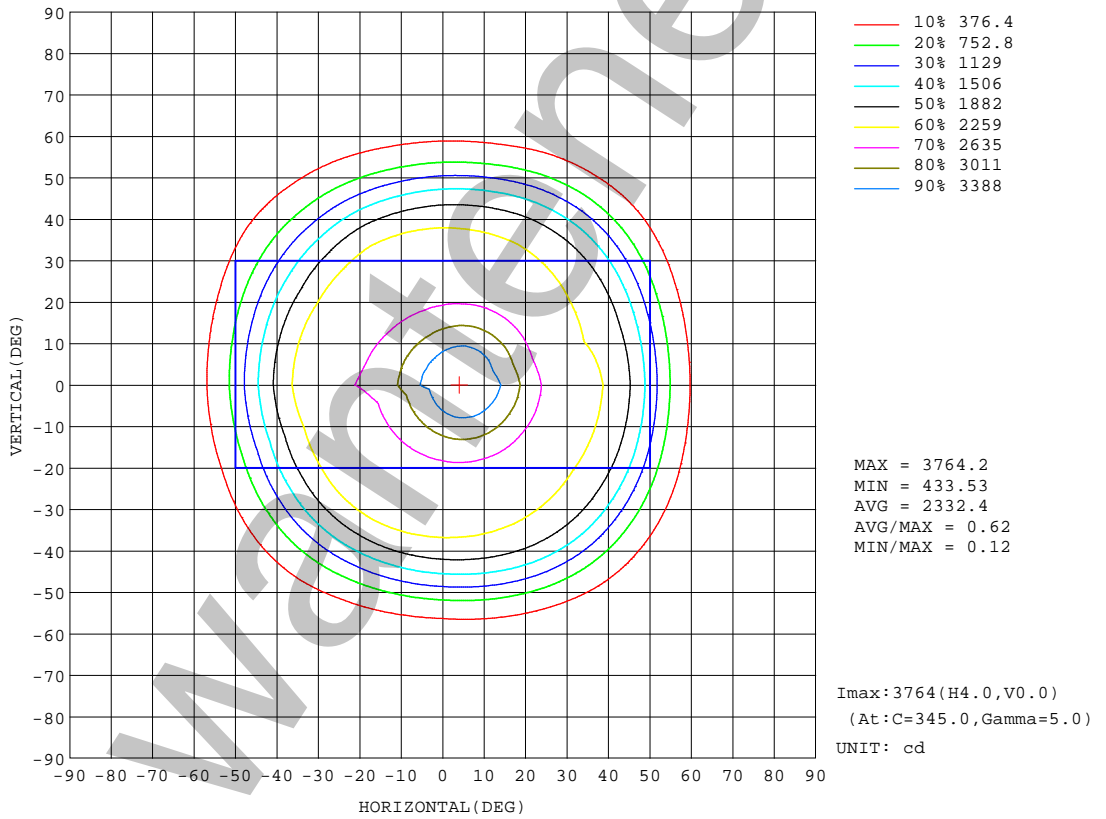
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	\$lum,lamp
10	3543	3399	3182	3017	3000	3071	3287	3528	0- 10	326.5	326.5	5.52,5.52
20	2836	2700	2578	2575	2587	2574	2615	2796	10- 20	824.0	1150	19.5,19.5
30	2344	2366	2441	2502	2507	2480	2451	2377	20- 30	1164	2314	39.1,39.1
40	2163	2130	2072	1929	1922	1971	2154	2191	30- 40	1436	3751	63.4,63.4
50	1326	1186	967.9	820.0	881.6	951.5	1194	1354	40- 50	1240	4991	84.4,84.4
60	354.0	301.3	243.6	265.2	281.2	306.2	334.7	353.2	50- 60	543.3	5534	93.6,93.6
70	168.6	163.2	145.0	159.2	157.8	195.3	204.0	203.0	60- 70	225.6	5760	97.4,97.4
80	71.65	50.28	31.96	39.55	75.04	72.96	72.00	85.15	70- 80	126.2	5886	99.5,99.5
90	4.968	0.6587	0.4782	0.5826	2.363	1.516	0.6822	2.882	80- 90	26.71	5913	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

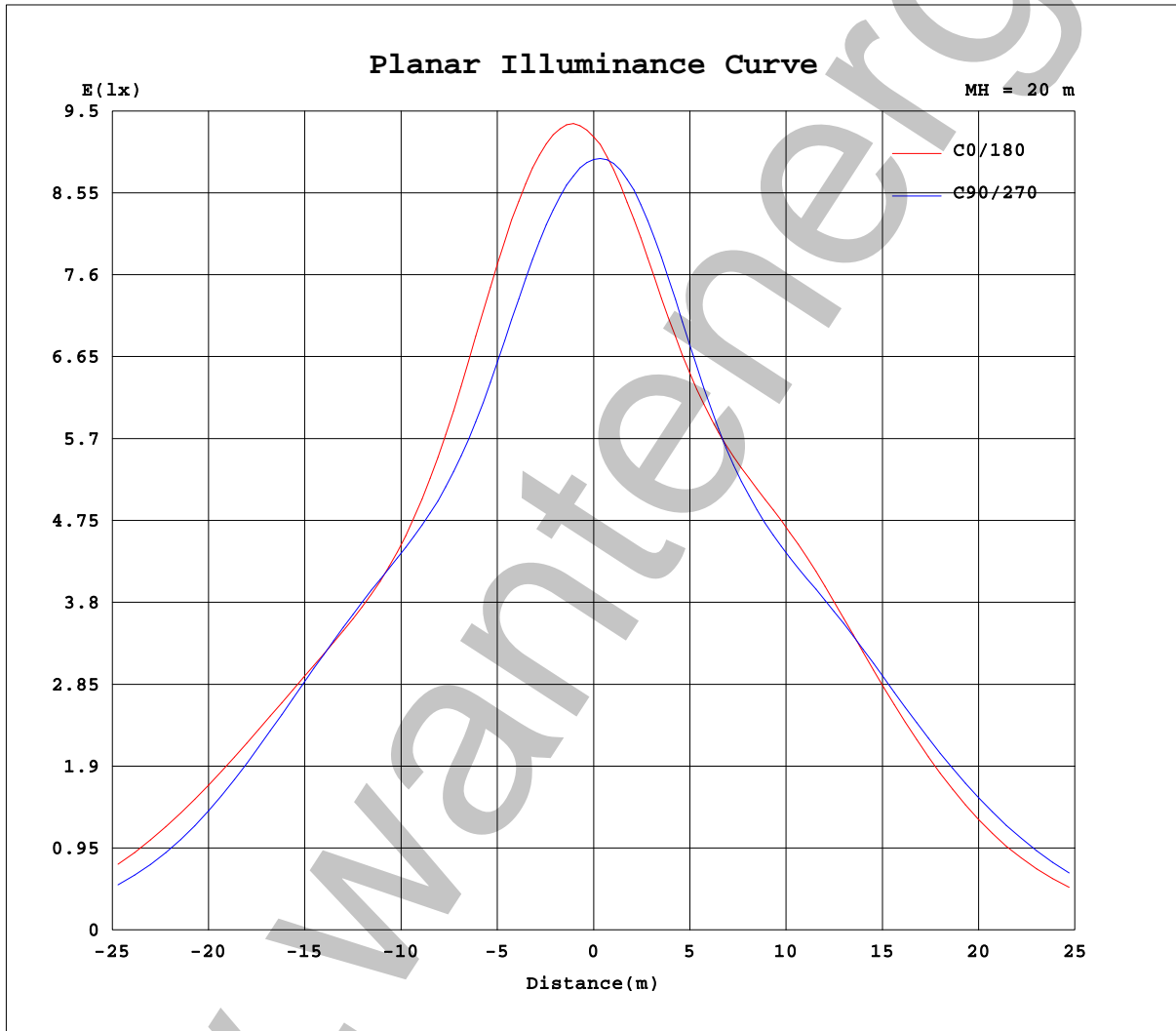
Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



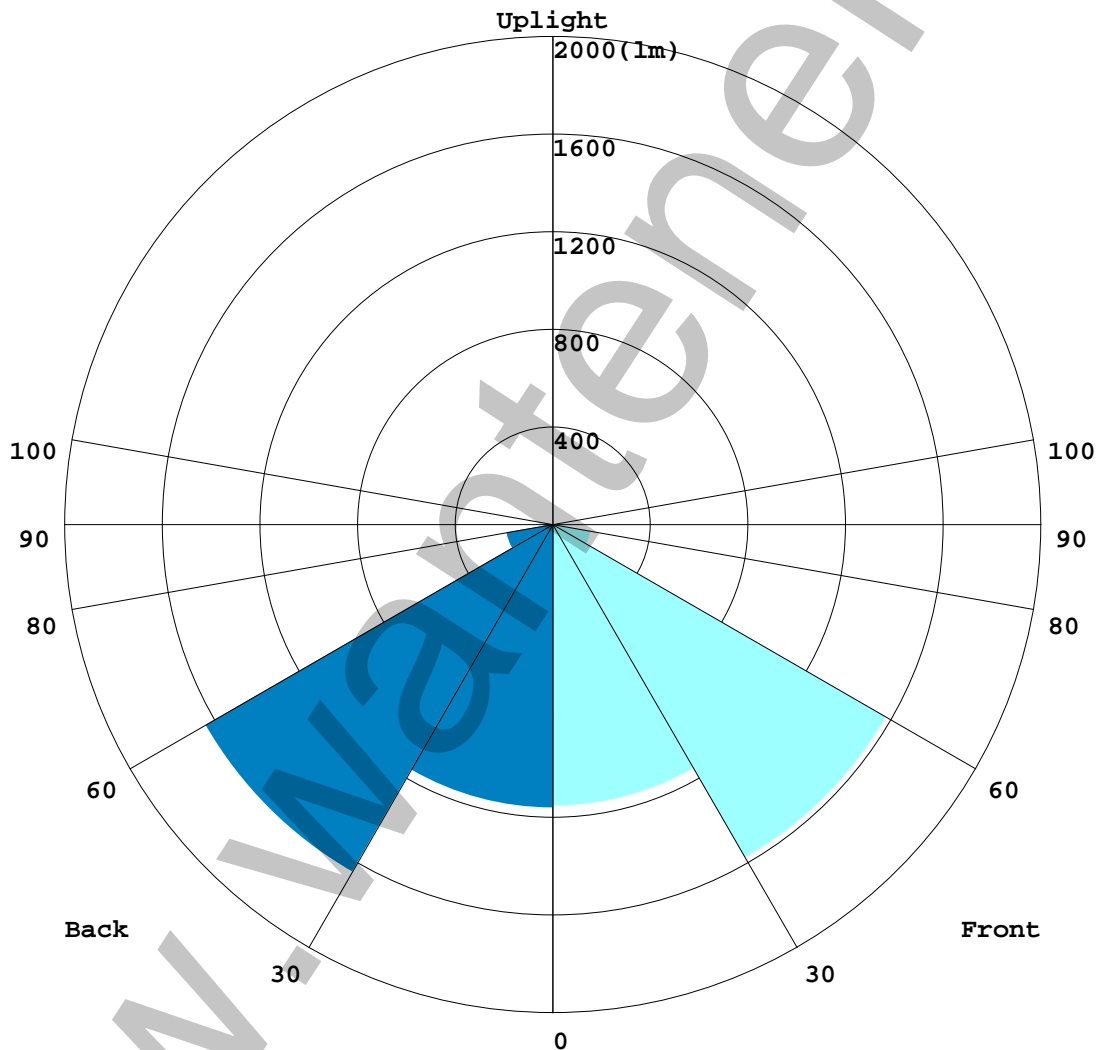
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ADMIN  
 Test Date: 2019-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LCS REPORT

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ADMIN  
 Test Date: 2019-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

## BUG REPORT

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1153.4	19.5
FM - Front-Medium(30-60)	1576.5	26.7
FH - Front-High(60-80)	159.23	2.7
FVH - Front-Very High(80-90)	9.0424	0.2
Total Forward Light	2898.2	49.0

BL - Back-Low(0-30)	1160.9	19.6
BM - Back-Medium(30-60)	1643.5	27.8
BH - Back-High(60-80)	192.49	3.3
BVH - Back-Very High(80-90)	17.665	0.3
Total Back Light	3014.6	51.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3014.6	0	3014.6
Street Side	2898.2	0	2898.2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ADMIN  
 Test Date: 2019-12-11

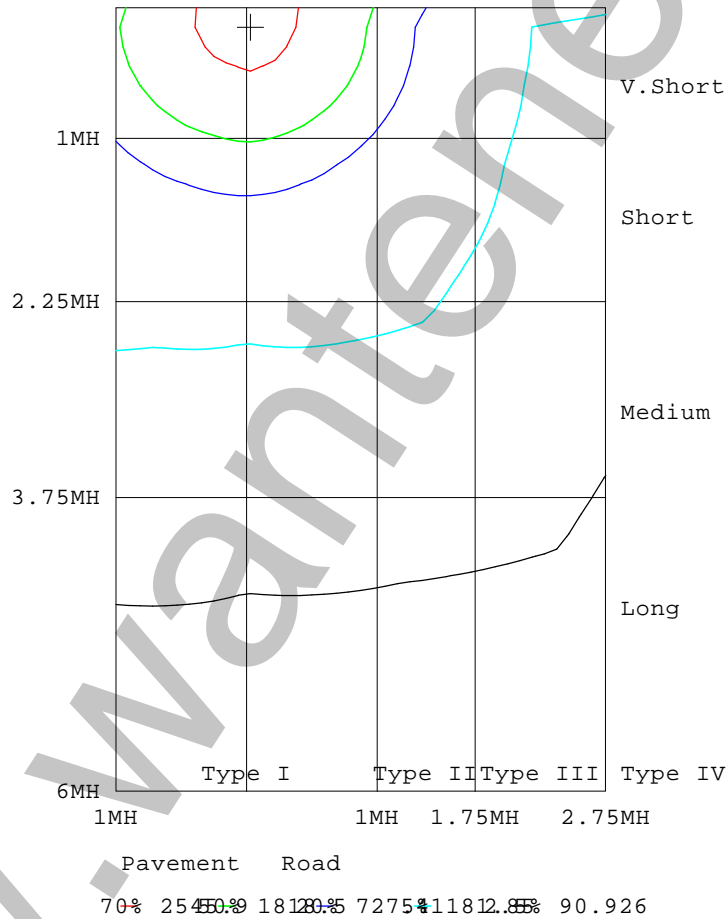
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ADMIN  
 Test Date: 2019-12-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597	3597
5	3676	3658	3624	3594	3550	3509	3462	3421	3377	3350	3333	3329	3339	3352	3375	3402	3447	3493	3543
10	3543	3516	3456	3399	3332	3264	3182	3113	3055	3017	2992	2984	3000	3011	3035	3071	3128	3195	3287
15	3235	3198	3130	3068	2989	2909	2835	2785	2745	2723	2711	2710	2722	2725	2732	2747	2786	2839	2921
20	2836	2803	2749	2700	2643	2606	2578	2568	2564	2575	2578	2583	2587	2581	2577	2574	2576	2582	2615
25	2513	2503	2478	2465	2453	2454	2468	2496	2526	2544	2550	2561	2560	2555	2541	2531	2517	2494	2476
30	2344	2355	2354	2366	2383	2408	2441	2472	2495	2502	2493	2499	2507	2502	2479	2480	2493	2474	2451
35	2280	2280	2275	2292	2310	2331	2342	2351	2344	2319	2279	2274	2293	2287	2270	2306	2367	2382	2385
40	2163	2152	2129	2130	2125	2106	2072	2031	1980	1929	1885	1884	1922	1912	1903	1971	2069	2116	2154
45	1861	1836	1790	1767	1725	1656	1575	1504	1436	1388	1354	1358	1421	1424	1432	1491	1600	1673	1748
50	1326	1296	1228	1186	1132	1054	968	902	847	820	803	815	882	898	919	952	1035	1107	1194
55	723	696	639	608	569	520	463	439	412	418	415	423	470	480	504	512	549	583	630
60	354	343	319	301	278	262	244	246	251	265	271	271	281	280	301	306	318	322	335
65	210	229	226	213	195	188	187	185	194	213	222	213	198	214	236	241	247	244	250
70	169	173	181	163	148	145	145	144	149	159	175	158	158	160	191	195	200	199	204
75	111	123	129	110	99.9	89.4	73.1	86.6	93.3	104	115	104	107	109	138	139	143	143	131
80	71.7	62.0	71.9	50.3	44.9	37.7	32.0	36.5	34.7	39.5	60.2	52.3	75.0	58.7	81.5	73.0	76.4	86.1	72.0
85	38.5	20.2	14.5	10.4	6.19	3.39	3.46	2.28	3.11	6.53	9.88	14.1	63.3	21.2	22.8	24.3	18.3	21.5	22.5
90	4.97	2.70	1.45	0.66	0.54	0.48	0.48	0.48	0.53	0.58	0.74	0.88	2.36	1.63	1.57	1.52	1.07	0.72	0.68

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.93V I:0.2822A P:50.373W PF:0.8079 Freq:50.00Hz Lamp Flux:5912.77x1 lm		
NAME: 投光灯	TYPE:户外灯具	WEIGHT:
SPEC.:50W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345															
0	3597	3597	3597	3597	3597															
5	3597	3642	3673	3690	3692															
10	3382	3469	3528	3564	3568															
15	3022	3122	3201	3253	3260															
20	2665	2730	2796	2844	2853															
25	2471	2485	2502	2520	2519															
30	2418	2393	2377	2365	2353															
35	2369	2349	2327	2303	2292															
40	2178	2194	2191	2181	2180															
45	1805	1853	1873	1876	1875															
50	1260	1326	1354	1357	1343															
55	670	721	738	742	733															
60	341	357	353	361	355															
65	247	252	250	250	238															
70	200	204	203	201	180															
75	144	149	149	150	128															
80	85.9	89.1	85.1	95.4	69.7															
85	22.7	29.2	32.4	31.2	27.7															
90	0.70	1.12	2.88	5.15	5.36															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2019-12-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks: