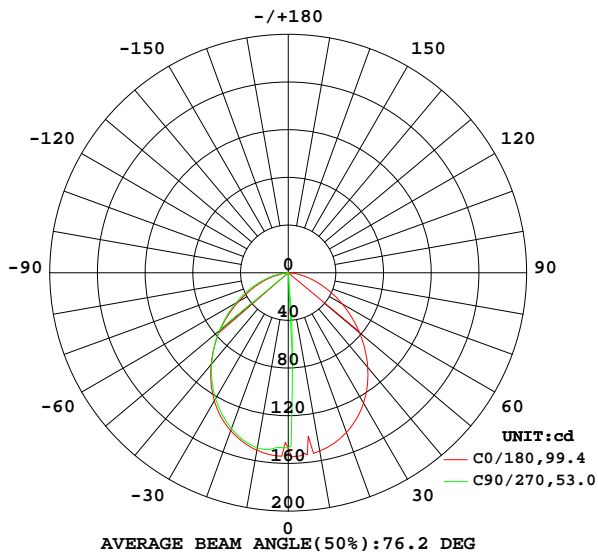
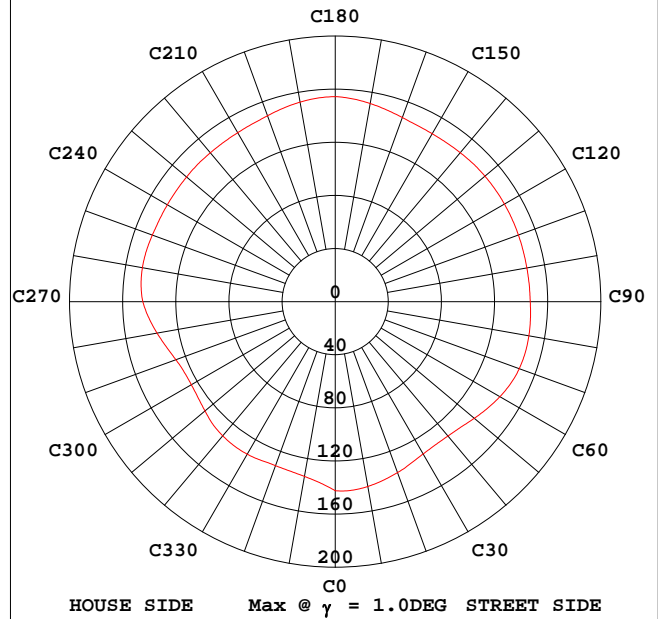


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:24.020V I:0.1501A P:3.6061W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:338.066x1 lm		
NAME: 6861-6500K(恒流输入)	TYPE: Landscape Lighting	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

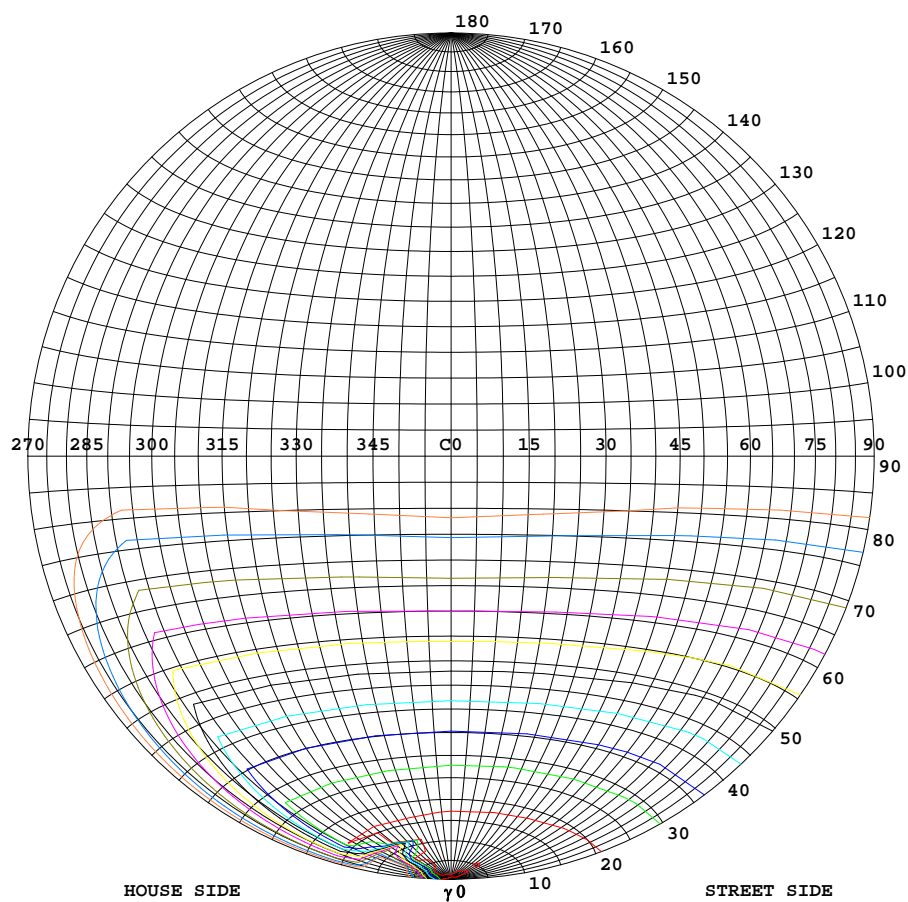
DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.75 lm/W			
MODEL		Imax(cd)	154.4	$\eta$ street_up(%)	0.1
NOMINAL POWER(W)		LOR(%)	100.0	$\eta$ street_down(%)	53.8
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	338.1	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	338.066	MAXIMUM @(C, $\gamma$ )	180,1.0	$\eta$ house_down(%)	46.1
LAMPS INSIDE	1	$\eta$ up(%)	0.1	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	24	$\eta$ down(%)	99.9	SLI	

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Oliver  
Test Date:2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:2.559m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM



## Classification:

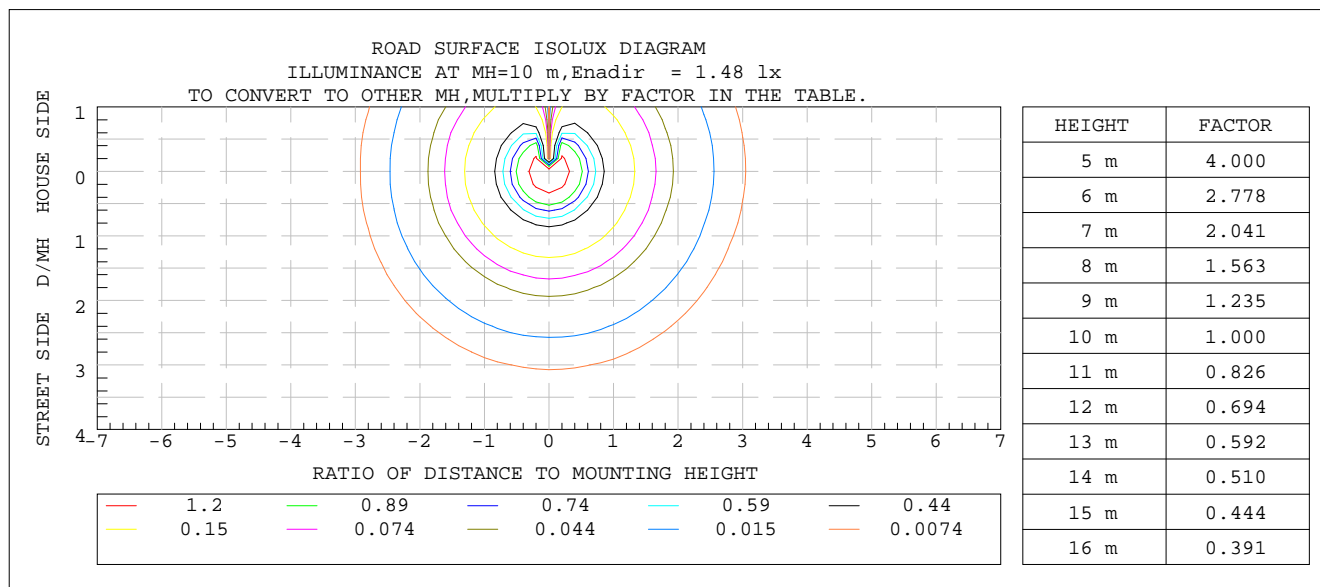
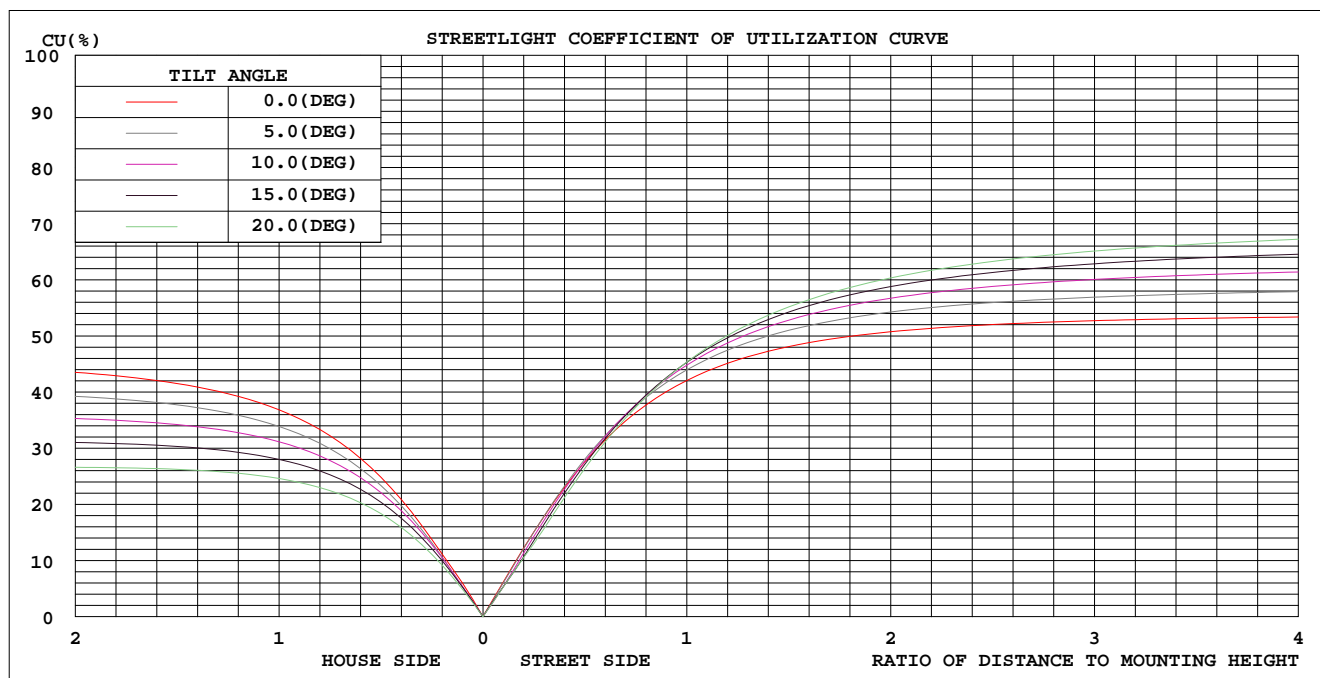
IES:Type II - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:30.48cd/klm  
Max.At90:0.5966cd/klm  
Max.80-90:30.48cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	154
90%	139
80%	124
70%	108
60%	93
50%	77
40%	62
30%	46
20%	31
10%	15
5%	8

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Oliver  
Test Date:2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:2.559m [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: Oliver  
Test Date: 2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.559m [K=1.0000]  
Remarks:

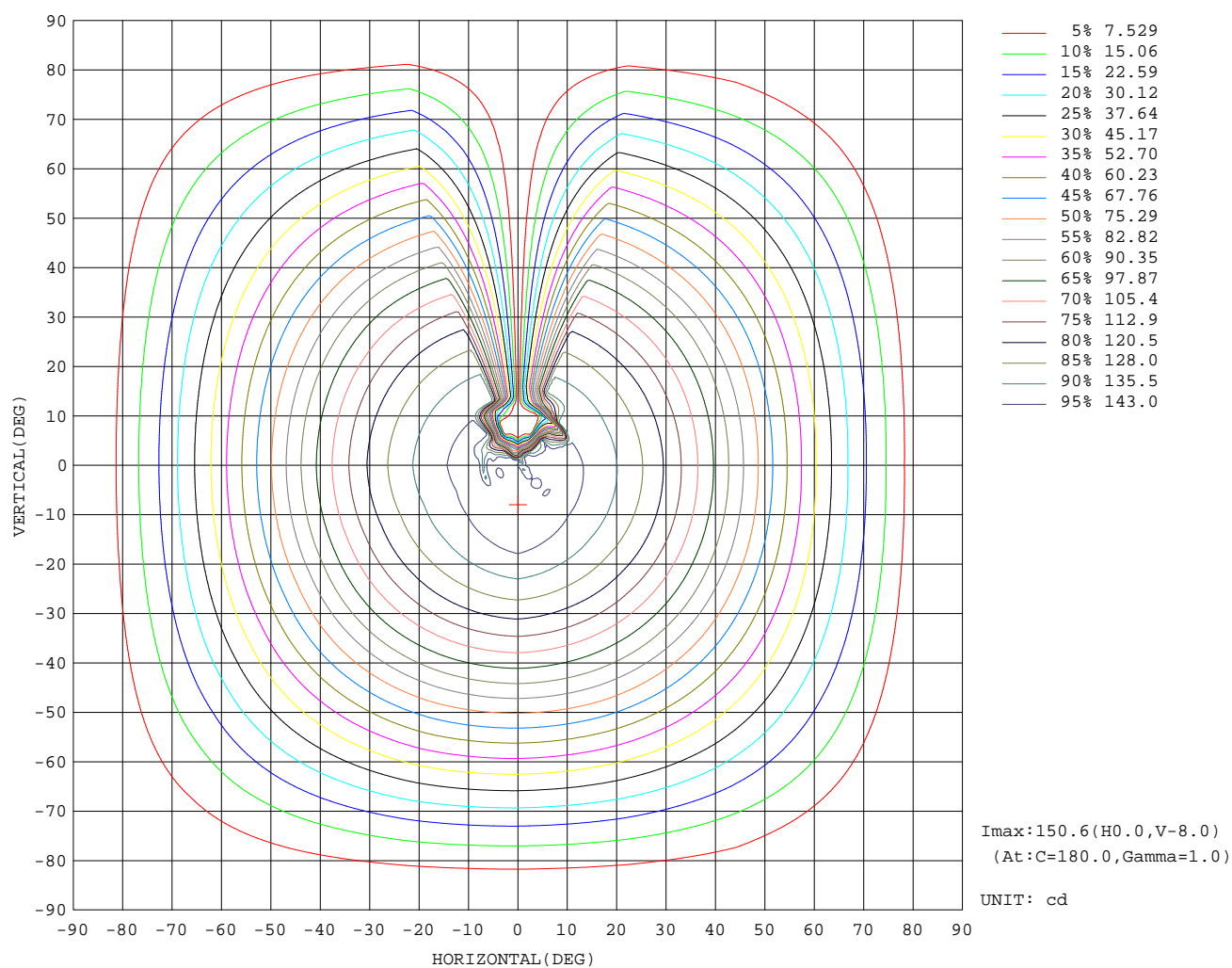
## ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum
10	151.1	145.6	149.2	145.9	151.8	143.8	0.0909	69.70	0- 10	11.49	11.49	3.4
20	141.0	135.4	139.2	136.2	142.6	134.6	0	134.1	10- 20	36.34	47.83	14.1
30	124.1	119.1	121.9	120.3	126.4	119.1	0	117.9	20- 30	55.70	103.5	30.6
40	100.7	97.53	99.88	99.08	103.8	98.32	0	96.43	30- 40	64.39	167.9	49.7
50	74.68	72.80	75.30	74.66	78.01	74.29	0	71.96	40- 50	62.48	230.4	68.2
60	47.87	48.35	50.82	50.17	52.24	50.41	0.0554	48.04	50- 60	51.61	282.0	83.4
70	24.51	26.45	28.56	27.98	29.03	28.50	0	26.51	60- 70	35.28	317.3	93.9
80	3.637	8.917	10.17	9.699	9.981	10.19	0	9.120	70- 80	17.55	334.9	99
90	0	0.0753	0.2017	0.0638	0	0	0	0	80- 90	2.865	337.7	99.9
100	0	0.0873	0.1698	0.0889	0	0	0	0	90-100	0.0449	337.8	99.9
110	0.0181	0.0933	0.1148	0.0911	0	0	0	0	100-110	0.0439	337.8	99.9
120	0.0218	0.0886	0.0849	0.0907	0	0	0.0000	0	110-120	0.0394	337.8	99.9
130	0.0303	0.0891	0.0650	0.0959	0.0231	0.0316	0.0364	0.0234	120-130	0.0398	337.9	99.9
140	0.0471	0.0951	0.0610	0.0959	0.0576	0.0661	0.0719	0.0568	130-140	0.0487	337.9	100
150	0.0625	0.1016	0.0688	0.0989	0.0775	0.0917	0.1005	0.0846	140-150	0.0507	338.0	100
160	0.0761	0.1089	0.0853	0.1072	0.0915	0.1029	0.1082	0.0985	150-160	0.0436	338.0	100
170	0.0911	0.1098	0.0875	0.1059	0.1002	0.1081	0.1009	0.1007	160-170	0.0285	338.1	100
180	0.0195	0.0199	0.0190	0.0191	0.0195	0.0246	0.0212	0.0260	170-180	0.0081	338.1	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Oliver  
 Test Date:2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:2.559m [K=1.0000]  
 Remarks:

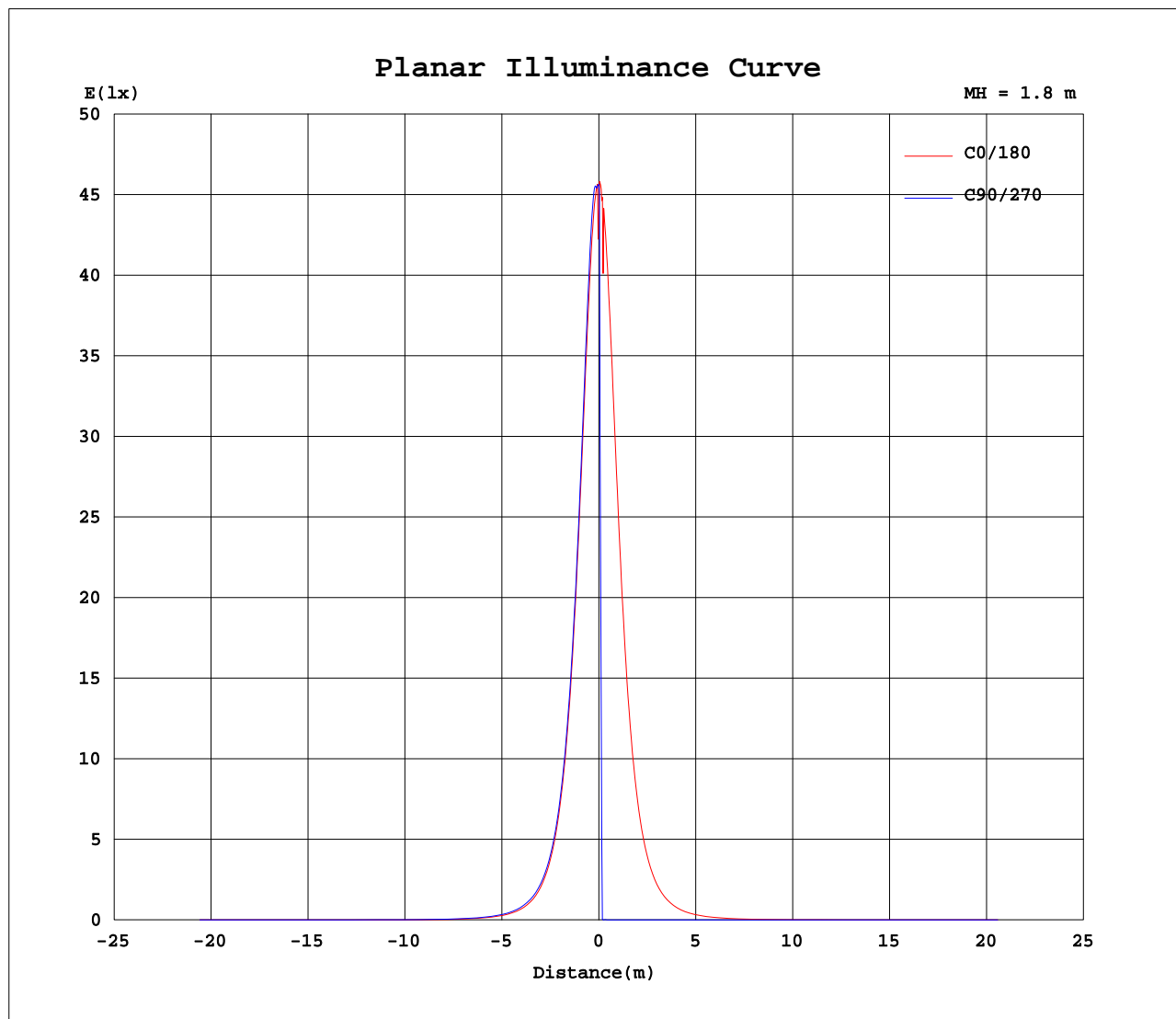
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Oliver  
Test Date:2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity:65.0%  
Test Distance:2.559m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



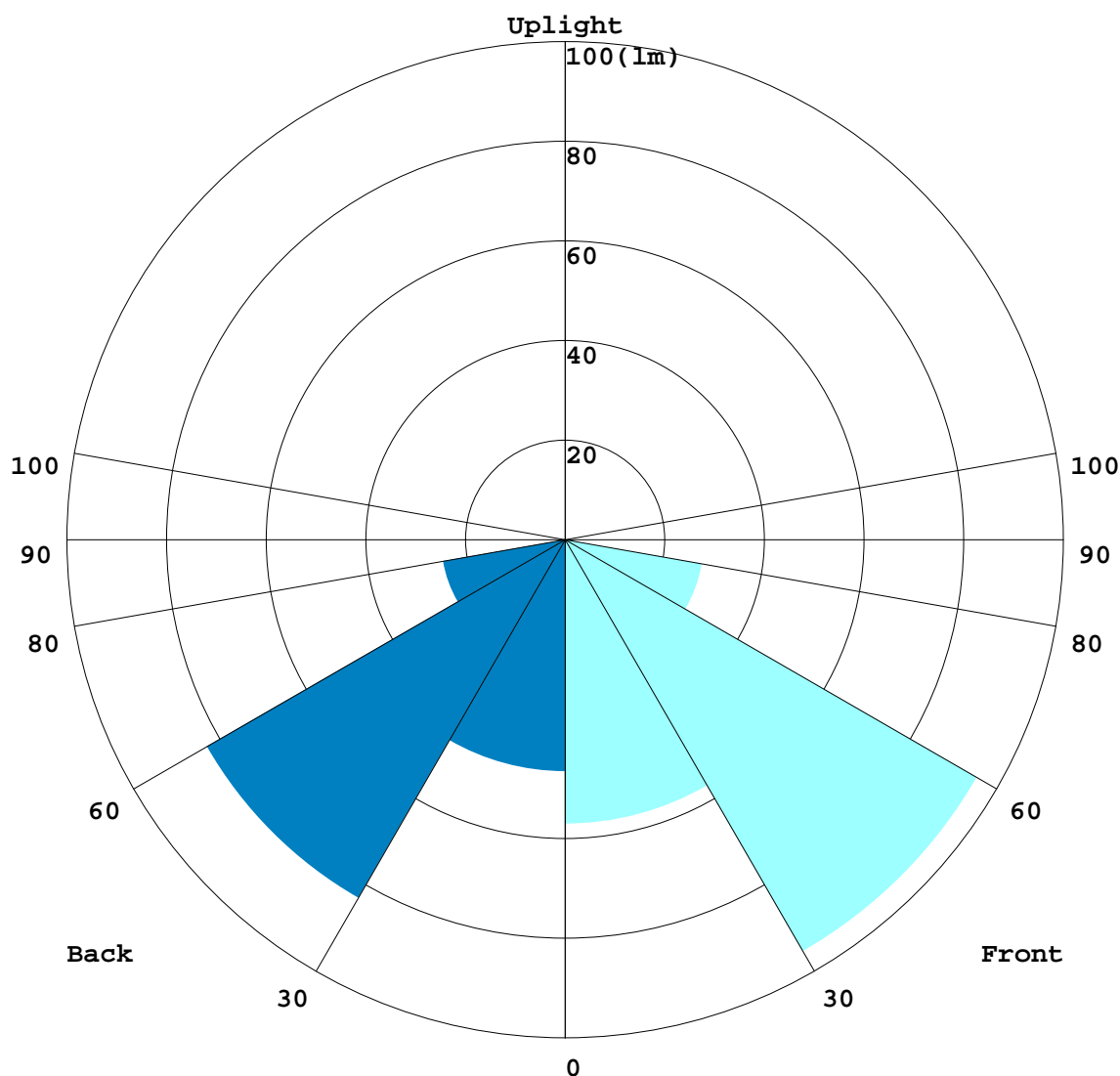
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Oliver  
Test Date: 2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
Humidity: 65.0%  
Test Distance: 2.559m [K=1.0000]  
Remarks:

## LCS REPORT

Test:U:24.020V I:0.1501A P:3.6061W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:338.066x1 lm		
NAME: 6861-6500K(恒流输入)	TYPE: Landscape Lighting	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.559m [K=1.0000]  
 Remarks:

## BUG REPORT

Test:U:24.020V I:0.1501A P:3.6061W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:338.066x1 lm		
NAME: 6861-6500K(恒流输入)	TYPE: Landscape Lighting	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	57.027	16.9
FM - Front-Medium(30-60)	95.452	28.2
FH - Front-High(60-80)	27.925	8.3
FVH - Front-Very High(80-90)	1.4606	0.4
Total Forward Light	182.12	53.9

BL - Back-Low(0-30)	46.507	13.8
BM - Back-Medium(30-60)	83.033	24.6
BH - Back-High(60-80)	24.909	7.4
BVH - Back-Very High(80-90)	1.4043	0.4
Total Back Light	155.94	46.1

UL - Uplight-Low(90-100)	0.04494	0.0
UH - Uplight-High(100-180)	0.30272	0.1
Total Up Light	0.34766	0.1

BUG(Back,Up,Glare) Rating	B0-U1-G0
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	155.85	0.088602	155.94
Street Side	181.86	0.25906	182.12

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Oliver  
 Test Date:2022-11-29

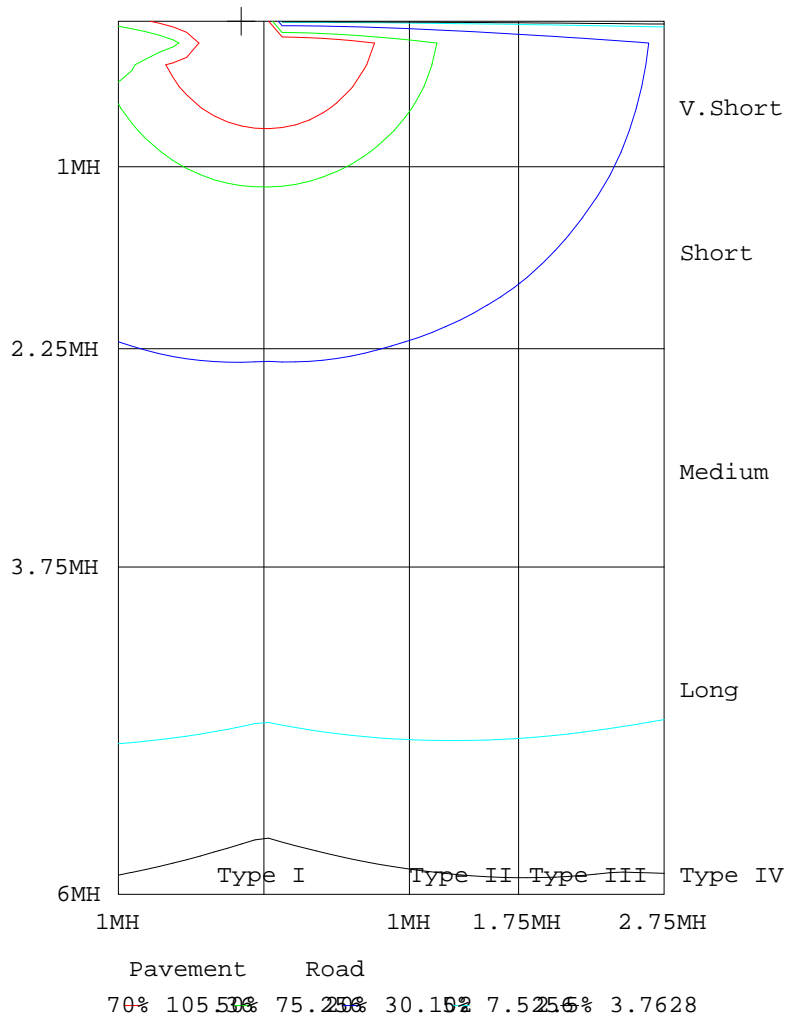
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:2.559m [K=1.0000]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:24.020V I:0.1501A P:3.6061W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:338.066x1 lm		
NAME: 6861-6500K(恒流输入)	TYPE: Landscape Lighting	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2022-11-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.559m [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	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147			
5	154	148	135	148	148	148	147	147	152	138	110	48.5	14.6	48.7	127	146			
10	151	146	146	148	149	148	146	145	152	145	144	13.0	0.09	3.75	69.7	144			
15	147	142	141	143	145	144	142	141	148	142	140	140	0.00	122	140	140			
20	141	136	135	137	139	137	136	136	143	136	135	134	0.00	134	134	134			
25	134	129	128	129	131	130	129	128	135	129	128	127	0.00	127	127	127			
30	124	120	119	120	122	121	120	120	126	121	119	118	0.00	118	118	118			
35	113	109	109	110	111	111	110	110	116	111	109	108	0.00	108	108	108			
40	101	97.6	97.5	98.8	99.9	99.6	99.1	98.3	104	99.4	98.3	97.3	0.00	96.8	96.4	96.3			
45	87.9	85.1	85.4	86.9	87.8	87.6	87.1	86.2	91.0	87.2	86.5	85.7	0.00	84.8	84.3	84.2			
50	74.7	72.3	72.8	74.5	75.3	75.4	74.7	73.7	78.0	74.8	74.3	73.8	0.00	72.6	72.0	71.9			
55	61.2	59.6	60.3	62.1	62.9	63.2	62.2	61.3	64.9	62.5	62.1	61.9	0.00	60.4	59.7	59.4			
60	47.9	47.2	48.3	49.9	50.8	51.2	50.2	49.2	52.2	50.6	50.4	50.3	0.06	48.7	48.0	47.2			
65	35.4	35.4	37.1	38.5	39.3	39.6	38.8	37.8	40.2	39.0	39.1	39.2	0.08	37.7	36.8	35.4			
70	24.5	24.6	26.5	27.8	28.6	28.8	28.0	27.0	29.0	28.3	28.5	28.6	0.00	27.4	26.5	24.9			
75	14.7	15.4	16.9	18.1	18.7	18.8	18.1	17.4	19.0	18.5	18.7	18.9	0.00	18.0	17.1	15.7			
80	3.64	6.10	8.92	9.76	10.2	10.1	9.70	9.04	9.98	9.85	10.2	10.3	0.00	9.74	9.12	6.36			
85	0.08	0.17	0.59	3.06	3.30	3.21	2.79	1.00	1.09	2.30	3.06	3.24	0.00	3.05	0.50	0.12			
90	0.00	0.02	0.08	0.15	0.20	0.13	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.03	0.08	0.14	0.19	0.12	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.04	0.09	0.14	0.17	0.12	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.05	0.09	0.13	0.14	0.12	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.02	0.05	0.09	0.13	0.11	0.12	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.02	0.05	0.09	0.12	0.10	0.12	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.02	0.06	0.09	0.11	0.08	0.11	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.03	0.06	0.09	0.11	0.08	0.11	0.09	0.05	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01			
130	0.03	0.07	0.09	0.11	0.06	0.11	0.10	0.05	0.02	0.03	0.03	0.03	0.04	0.03	0.02	0.03			
135	0.04	0.07	0.09	0.11	0.06	0.11	0.10	0.05	0.04	0.04	0.05	0.05	0.06	0.05	0.04	0.04			
140	0.05	0.08	0.10	0.11	0.06	0.11	0.10	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.06	0.06			
145	0.06	0.08	0.10	0.11	0.06	0.11	0.10	0.07	0.07	0.07	0.08	0.09	0.09	0.08	0.07	0.07			
150	0.06	0.08	0.10	0.11	0.07	0.11	0.10	0.07	0.08	0.09	0.09	0.10	0.10	0.10	0.08	0.08			
155	0.07	0.09	0.11	0.11	0.08	0.11	0.10	0.08	0.08	0.09	0.10	0.10	0.11	0.10	0.09	0.09			
160	0.08	0.09	0.11	0.11	0.09	0.11	0.11	0.09	0.09	0.09	0.10	0.11	0.11	0.11	0.10	0.10			
165	0.08	0.10	0.11	0.11	0.10	0.11	0.11	0.10	0.10	0.09	0.11	0.11	0.11	0.11	0.10	0.10			
170	0.09	0.10	0.11	0.09	0.09	0.09	0.11	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.10			
175	0.09	0.08	0.06	0.04	0.03	0.04	0.06	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09			
180	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Oliver  
 Test Date: 2022-11-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity: 65.0%  
 Test Distance: 2.559m [K=1.0000]  
 Remarks: