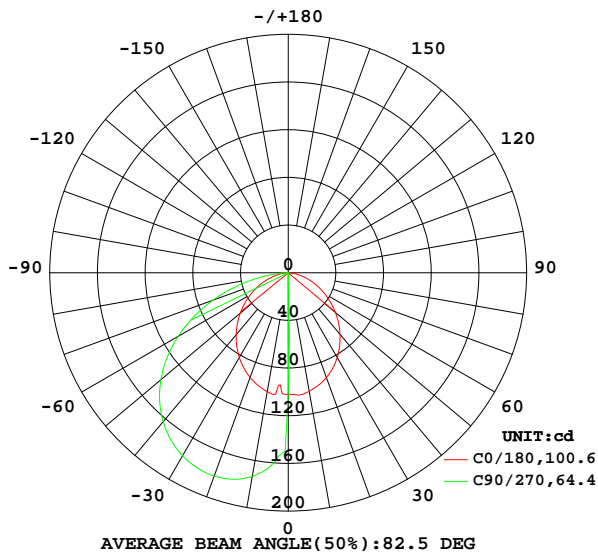
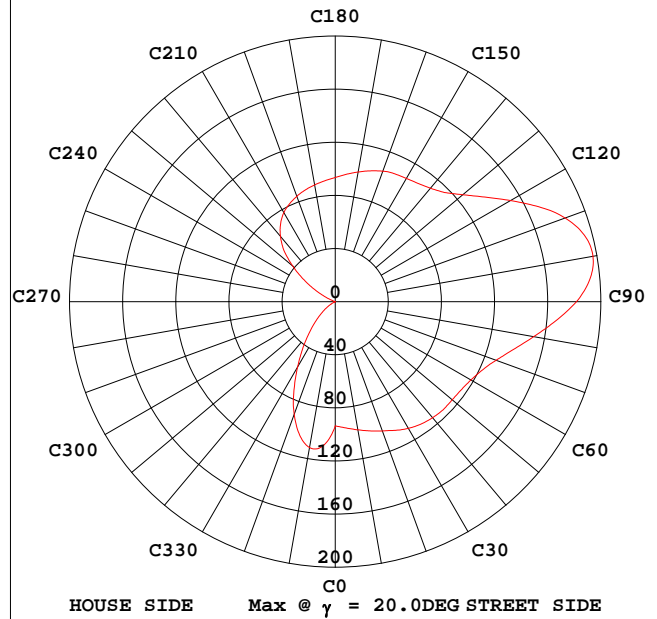


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.988V I:0.1501A P:3.6003W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:255.314x1 lm		
NAME: 6881-6500K(恒流输入)	TYPE: Landscape Lighting	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WAC Lighting	SUR.:	Shielding Angle:

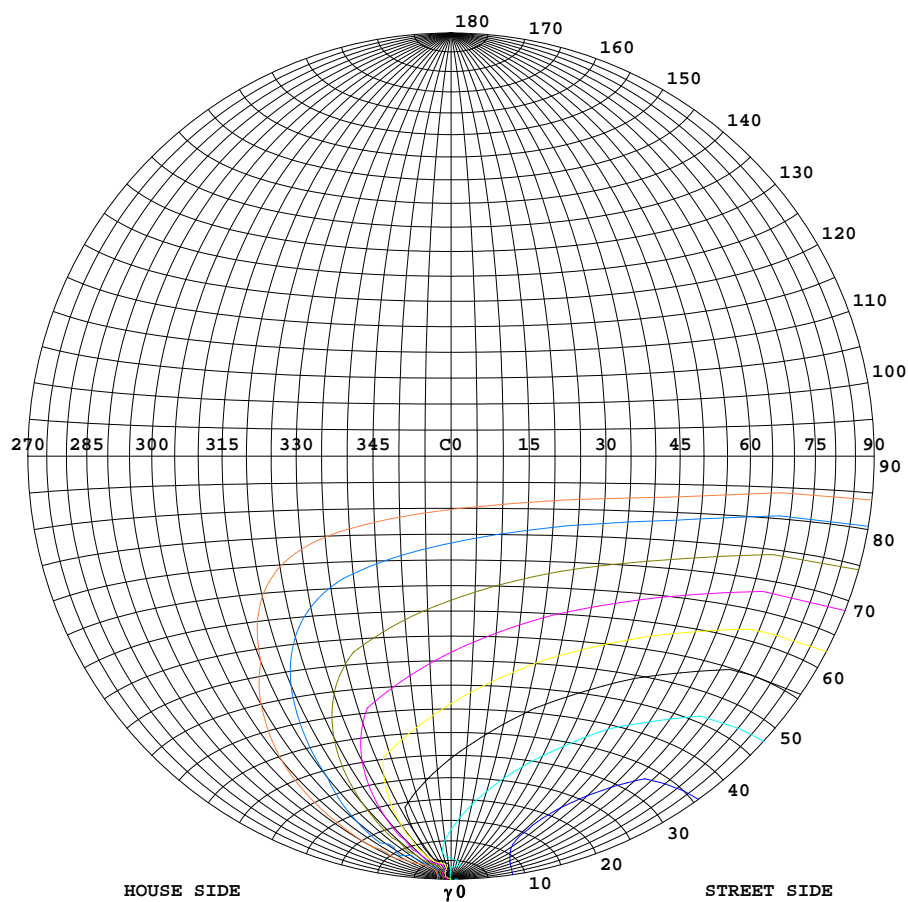
DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.91 lm/W			
MODEL		Imax(cd)	181.7	$\eta$ street_up(%)	0.1
NOMINAL POWER(W)		LOR(%)	100.0	$\eta$ street_down(%)	78.1
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	255.3	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	255.314	MAXIMUM @(C, $\gamma$ )	90,20.0	$\eta$ house_down(%)	21.8
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:

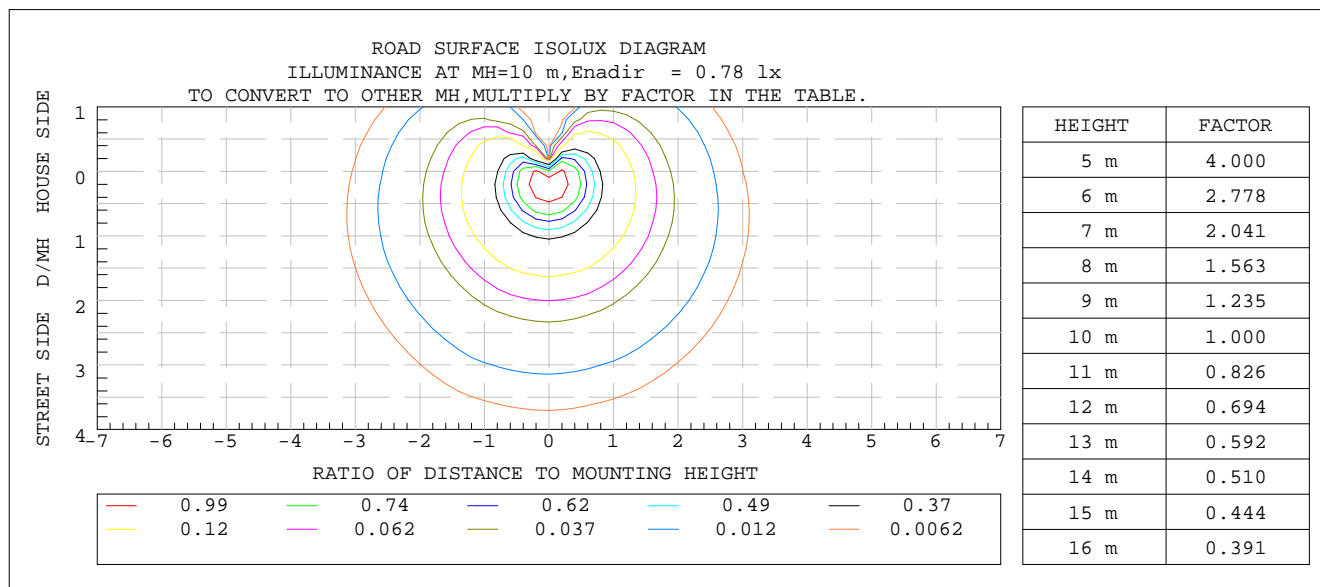
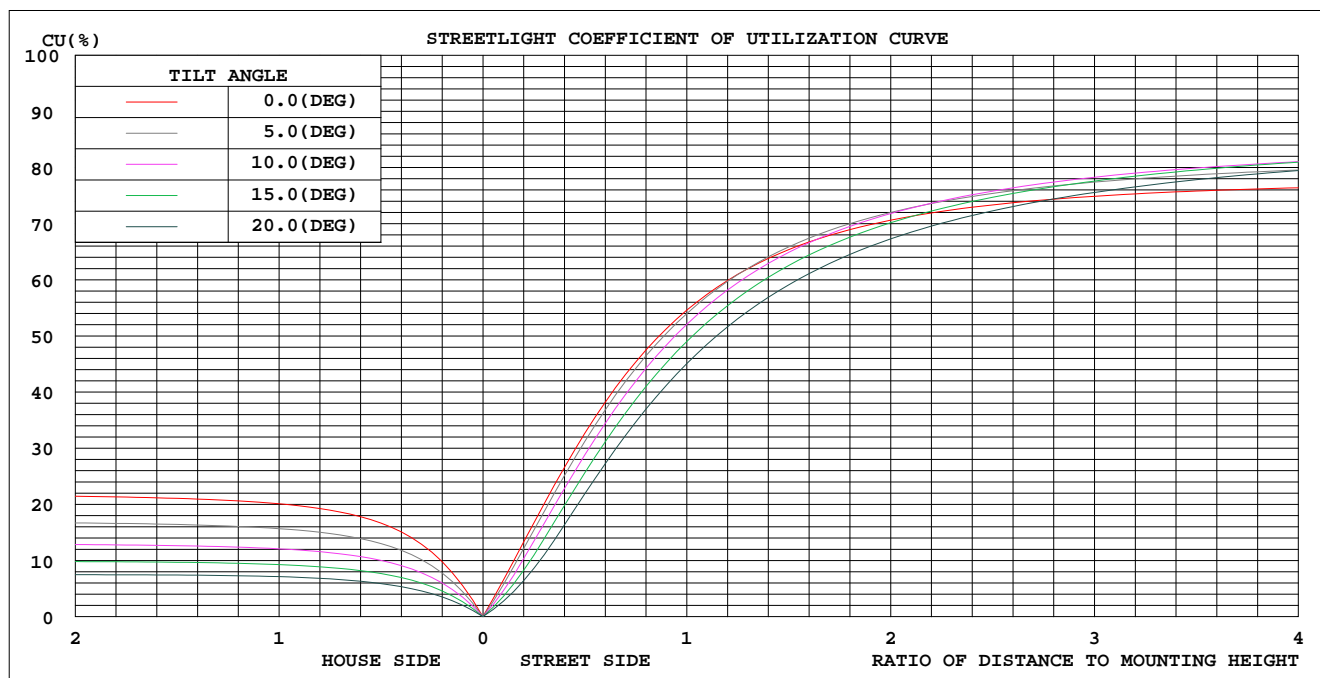
IES:Type III - Very Short  
CIE:Narrow - Short  
IES:Semi cut-off  
CIE:Non-cut-off  
Max.At80:101.9cd/klm  
Max.At90:2.190cd/klm  
Max.80-90:101.9cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	182
90%	163
80%	145
70%	127
60%	109
50%	91
40%	73
30%	54
20%	36
10%	18
5%	9

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:

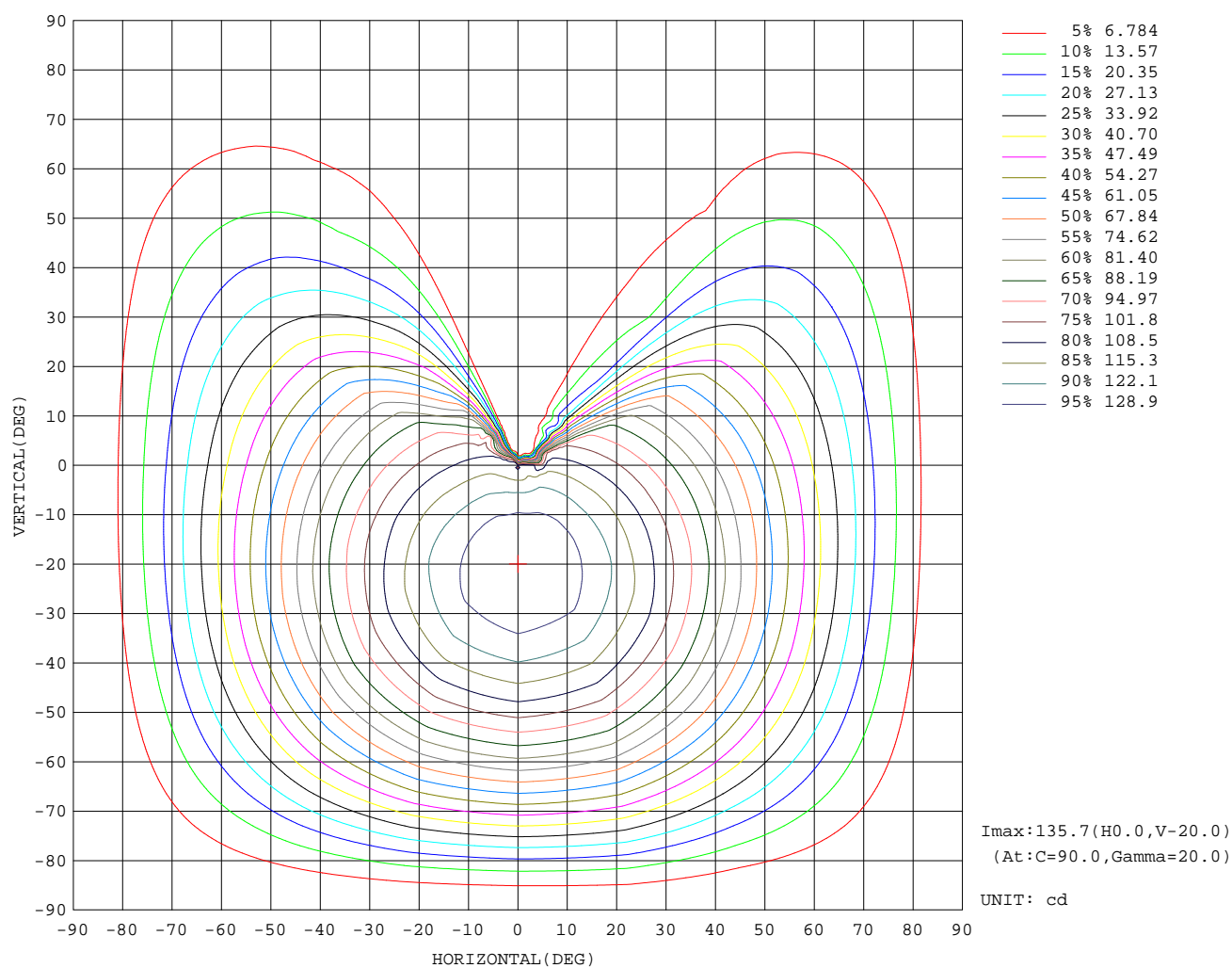
## ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum
10	101.4	114.6	173.4	115.1	101.0	83.67	0	24.18	0- 10	8.235	8.235	3.23
20	93.54	115.0	181.7	116.3	93.54	54.70	0	20.90	10- 20	24.59	32.83	12.9
30	82.11	109.5	177.2	110.8	82.21	38.79	0	16.35	20- 30	37.38	70.21	27.5
40	68.08	98.31	163.2	99.55	67.61	26.59	0	12.30	30- 40	45.06	115.3	45.1
50	52.52	81.68	139.5	83.02	51.60	17.13	0	9.209	40- 50	46.46	161.7	63.3
60	36.52	60.74	106.6	61.73	35.37	10.60	0.0663	6.521	50- 60	41.49	203.2	79.6
70	21.30	37.03	67.08	37.67	20.25	5.875	0	3.980	60- 70	31.00	234.2	91.7
80	8.024	13.64	26.02	14.04	7.230	2.251	0	1.625	70- 80	16.95	251.2	98.4
90	0.0013	0.2280	0.5591	0.2302	0	0	0	0	80- 90	3.803	255.0	99.9
100	0	0.1981	0.4038	0.2113	0	0	0	0	90-100	0.1162	255.1	99.9
110	0	0.1536	0.2418	0.1612	0	0	0	0	100-110	0.0860	255.2	99.9
120	0	0.1054	0.1211	0.1181	0	0	0	0	110-120	0.0550	255.2	100
130	0	0.0748	0.0491	0.0806	0.0036	0.0008	0.0088	0.0000	120-130	0.0322	255.3	100
140	0.0040	0.0549	0.0170	0.0550	0.0191	0.0191	0.0292	0.0155	130-140	0.0222	255.3	100
150	0.0115	0.0398	0.0105	0.0411	0.0243	0.0199	0.0292	0.0199	140-150	0.0175	255.3	100
160	0.0207	0.0350	0.0239	0.0354	0.0275	0.0175	0.0221	0.0187	150-160	0.0120	255.3	100
170	0.0299	0.0307	0.0002	0.0152	0.0314	0.0131	0.0070	0.0073	160-170	0.0067	255.3	100
180	0	0	0	0	0	0	0	0	170-180	0.0010	255.3	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:

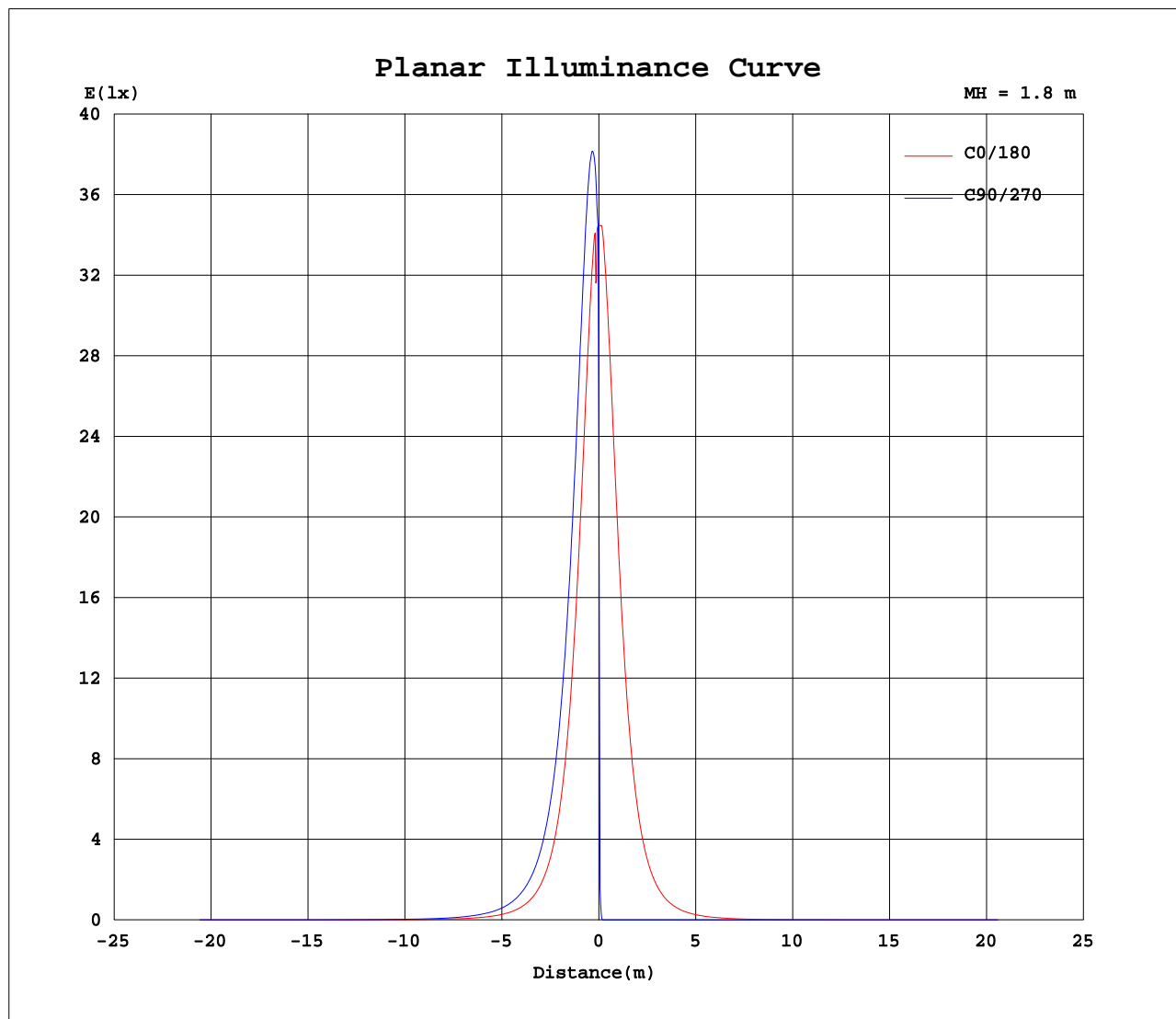
## ISOCANDELA DIAGRAM



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



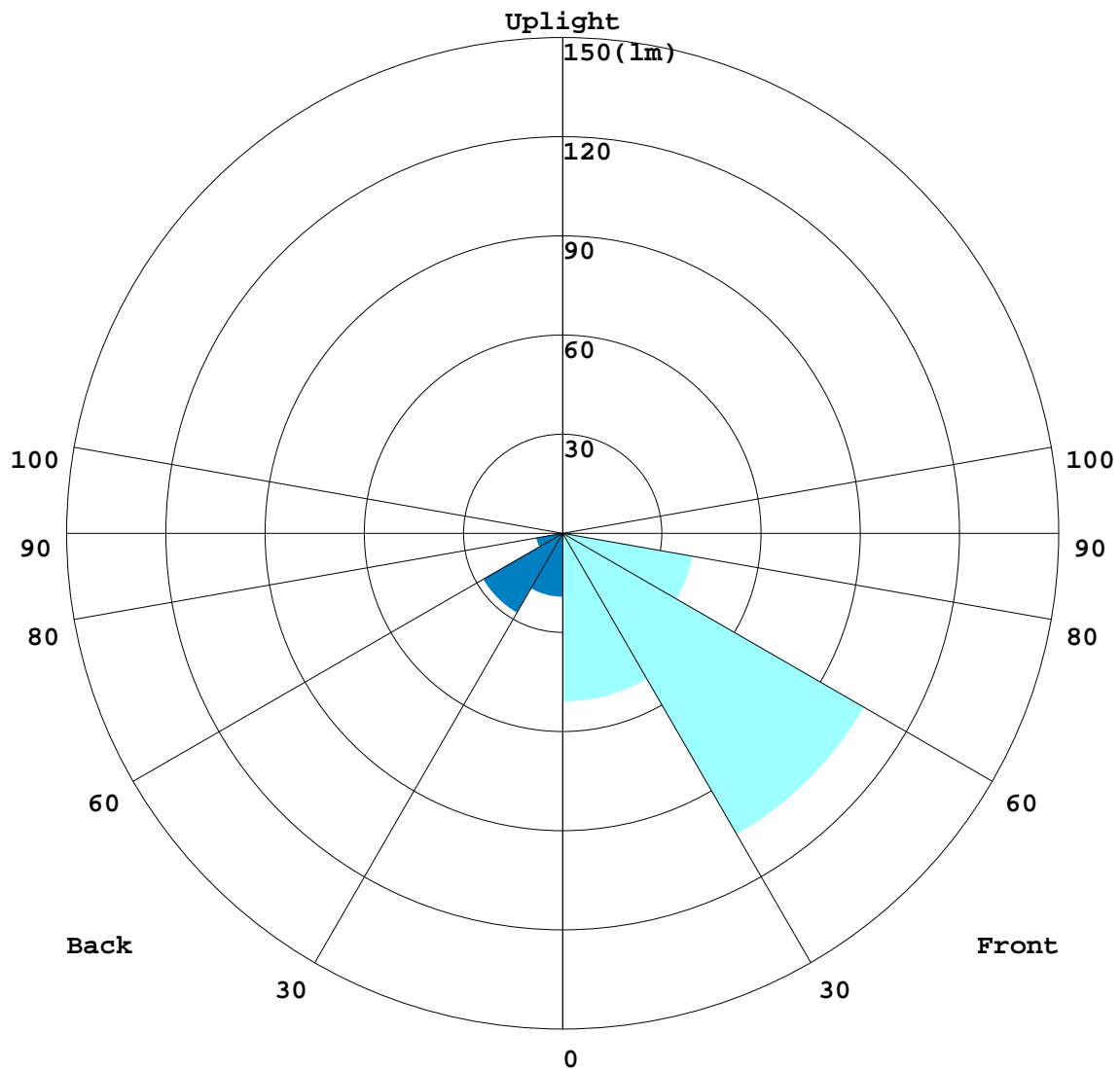
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Oliver  
Test Date: 2022-11-29

$\gamma$  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:23.988V I:0.1501A P:3.6003W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:255.314x1 lm		
NAME: 6881-6500K(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:23.988V I:0.1501A P:3.6003W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:255.314x1 lm		
NAME: 6881-6500K(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)	50.965	20.0
FM - Front-Medium(30-60)	105.26	41.2
FH - Front-High(60-80)	39.83	15.6
FVH - Front-Very High(80-90)	3.2403	1.3
Total Forward Light	199.62	78.2

BL - Back-Low(0-30)	19.242	7.5
BM - Back-Medium(30-60)	27.747	10.9
BH - Back-High(60-80)	8.1198	3.2
BVH - Back-Very High(80-90)	0.56222	0.2
Total Back Light	55.691	21.8

UL - Uplight-Low(90-100)	0.11621	0.0
UH - Uplight-High(100-180)	0.23257	0.1
Total Up Light	0.34878	0.1

BUG(Back,Up,Glare) Rating	B0-U1-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	55.672	0.018919	55.691
Street Side	199.29	0.32986	199.62

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

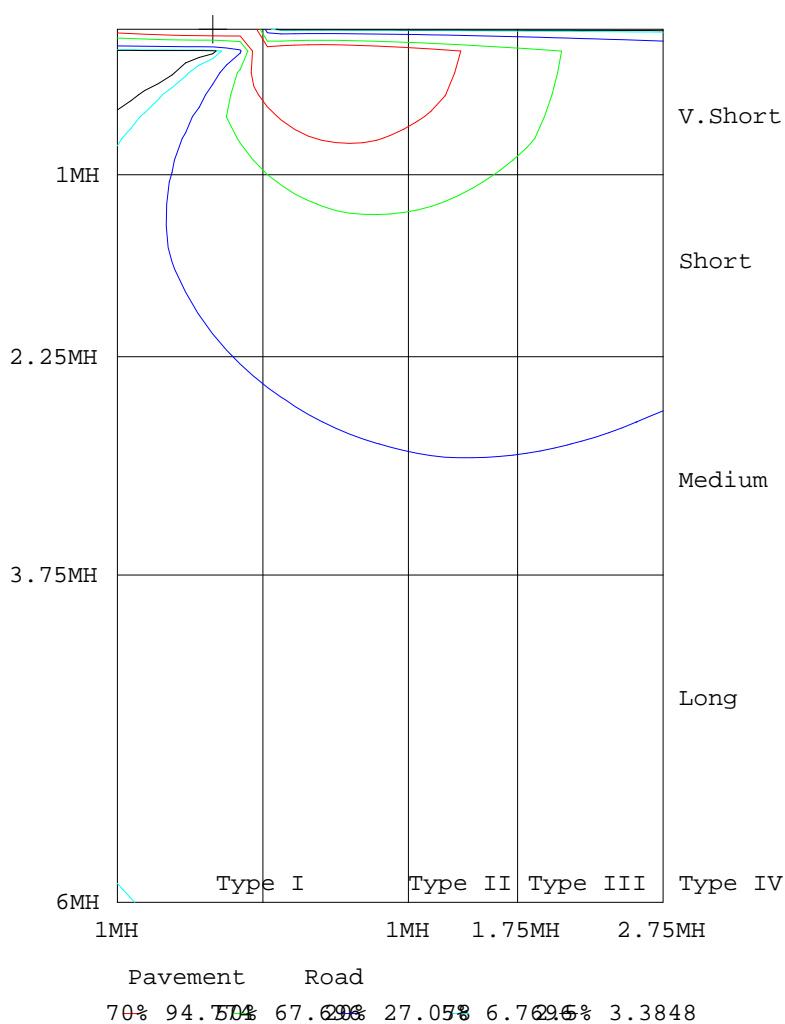
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.428  
 Humidity:65.0%  
 Test Distance:2.559m [K=1.0000]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:23.988V I:0.1501A P:3.6003W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% Lamp Flux:255.314x1 lm		
NAME: 6881-6500K(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	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102			
5	94.6	106	110	112	162	162	111	107	103	98.8	63.2	2.76	0.23	0.62	7.55	77.2			
10	101	109	115	120	173	171	115	108	101	94.3	83.7	3.62	0.00	0.10	24.2	94.6			
15	97.9	107	116	124	179	176	117	108	97.7	89.2	69.6	2.75	0.00	0.61	24.1	89.1			
20	93.5	105	115	125	182	177	116	106	93.5	83.0	54.7	2.31	0.00	0.45	20.9	82.7			
25	88.2	101	113	124	181	176	114	102	88.3	76.0	45.8	2.05	0.00	0.99	18.5	75.6			
30	82.1	96.6	109	121	177	172	111	97.5	82.2	68.5	38.8	1.86	0.00	1.01	16.4	67.9			
35	75.4	90.9	104	117	172	166	106	91.8	75.2	60.4	32.4	1.70	0.00	1.01	14.3	60.0			
40	68.1	84.3	98.3	111	163	158	99.5	84.8	67.6	52.3	26.6	1.56	0.00	1.00	12.3	52.0			
45	60.4	76.6	90.6	104	153	147	91.8	76.9	59.7	44.3	21.5	1.43	0.00	0.97	10.7	44.4			
50	52.5	68.2	81.7	94.6	140	134	83.0	68.3	51.6	36.8	17.1	1.30	0.00	0.92	9.21	37.1			
55	44.5	59.0	71.7	84.2	124	119	72.9	59.0	43.3	29.8	13.5	1.17	0.00	0.86	7.78	30.2			
60	36.5	49.5	60.7	72.4	107	102	61.7	49.3	35.4	23.8	10.6	1.14	0.07	0.94	6.52	24.2			
65	28.8	39.6	49.1	59.4	87.4	83.1	49.9	39.2	27.6	18.2	8.07	0.84	0.00	0.67	5.25	18.6			
70	21.3	29.7	37.0	45.7	67.1	63.4	37.7	29.3	20.3	13.2	5.87	0.65	0.00	0.51	3.98	13.5			
75	14.2	20.0	25.0	31.7	46.2	43.4	25.5	19.6	13.4	8.67	3.95	0.43	0.00	0.35	2.73	8.93			
80	8.02	11.1	13.6	18.1	26.0	24.2	14.0	10.9	7.23	4.75	2.25	0.22	0.00	0.18	1.62	4.94			
85	2.70	3.72	4.49	6.76	9.37	8.42	4.76	3.58	2.04	1.43	0.72	0.04	0.00	0.02	0.48	1.49			
90	0.00	0.10	0.23	0.37	0.56	0.48	0.23	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.10	0.22	0.31	0.49	0.44	0.22	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.10	0.20	0.26	0.40	0.37	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.09	0.17	0.21	0.31	0.30	0.19	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.08	0.15	0.17	0.24	0.24	0.16	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.07	0.13	0.13	0.17	0.19	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.06	0.11	0.10	0.12	0.14	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.06	0.09	0.07	0.08	0.11	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.05	0.07	0.06	0.05	0.08	0.08	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00			
135	0.00	0.05	0.06	0.04	0.03	0.06	0.07	0.05	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.00			
140	0.00	0.05	0.05	0.03	0.02	0.05	0.05	0.05	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.01			
145	0.01	0.04	0.05	0.03	0.01	0.04	0.05	0.04	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.01			
150	0.01	0.04	0.04	0.03	0.01	0.04	0.04	0.04	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02			
155	0.02	0.03	0.04	0.03	0.02	0.04	0.04	0.04	0.03	0.02	0.02	0.02	0.03	0.03	0.02	0.02			
160	0.02	0.03	0.03	0.03	0.02	0.04	0.04	0.03	0.03	0.02	0.02	0.01	0.02	0.02	0.02	0.01			
165	0.02	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01			
170	0.03	0.03	0.03	0.02	0.00	0.00	0.02	0.03	0.03	0.03	0.01	0.00	0.01	0.01	0.01	0.01			
175	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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: