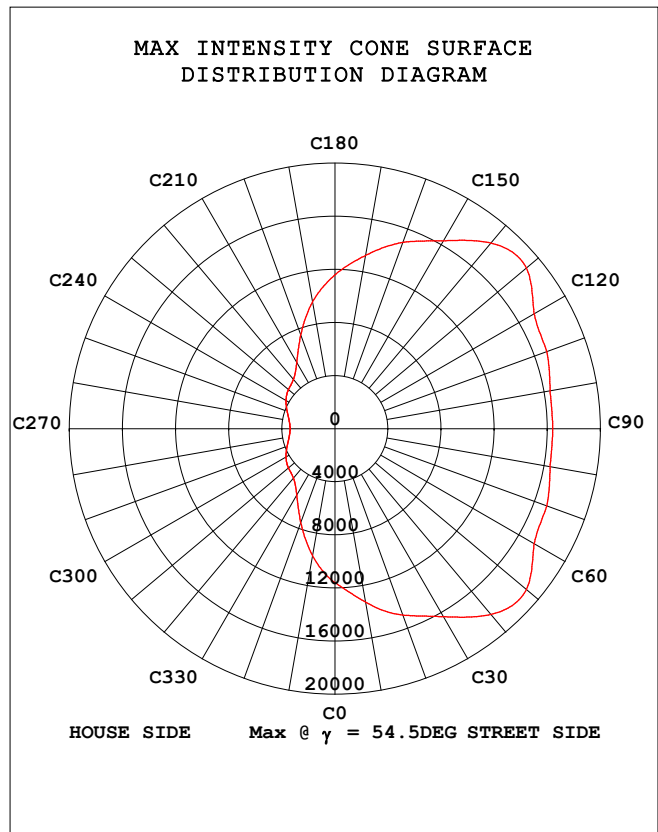
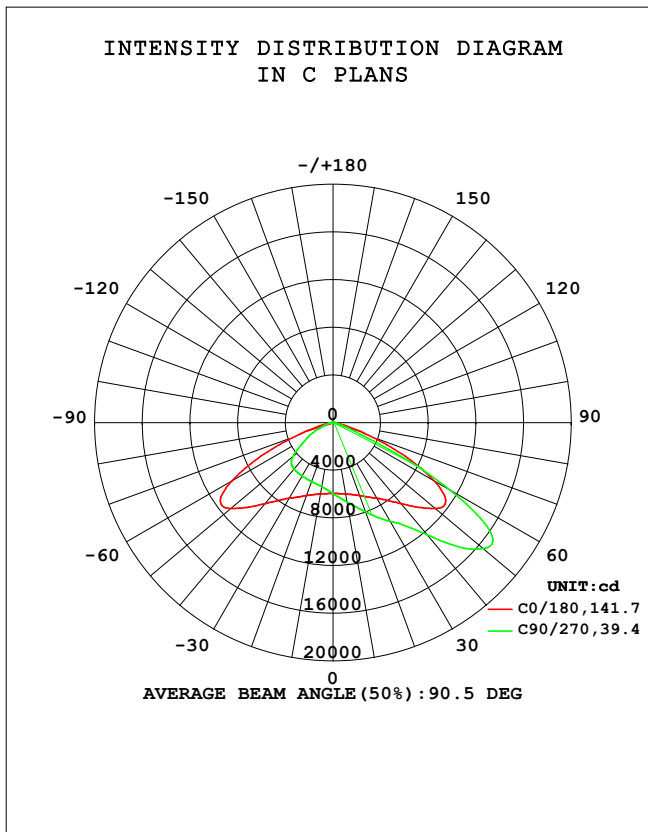


# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.2V I:2.0220A P:240.82W PF:0.9992 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:33592.2x1 lm		
NAME: HA04-240-5770-F01611	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

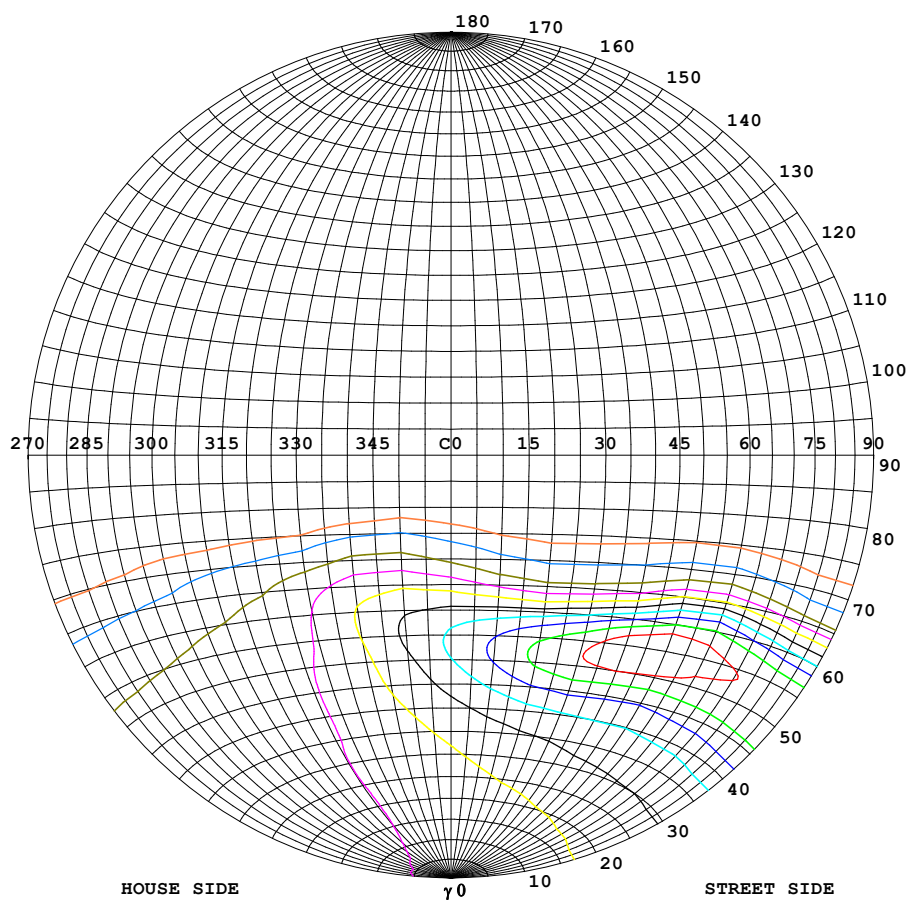
DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.49 lm/W			
MODEL	/	Imax (cd)	18836	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	$\eta$ street_down (%)	65.5
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	33592	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	33592.2	MAXIMUM @ (C, $\gamma$ )	130,54.5	$\eta$ house_down (%)	34.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	SLI	



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYJ  
Test Date: 2021-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4536]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM



## Classification:

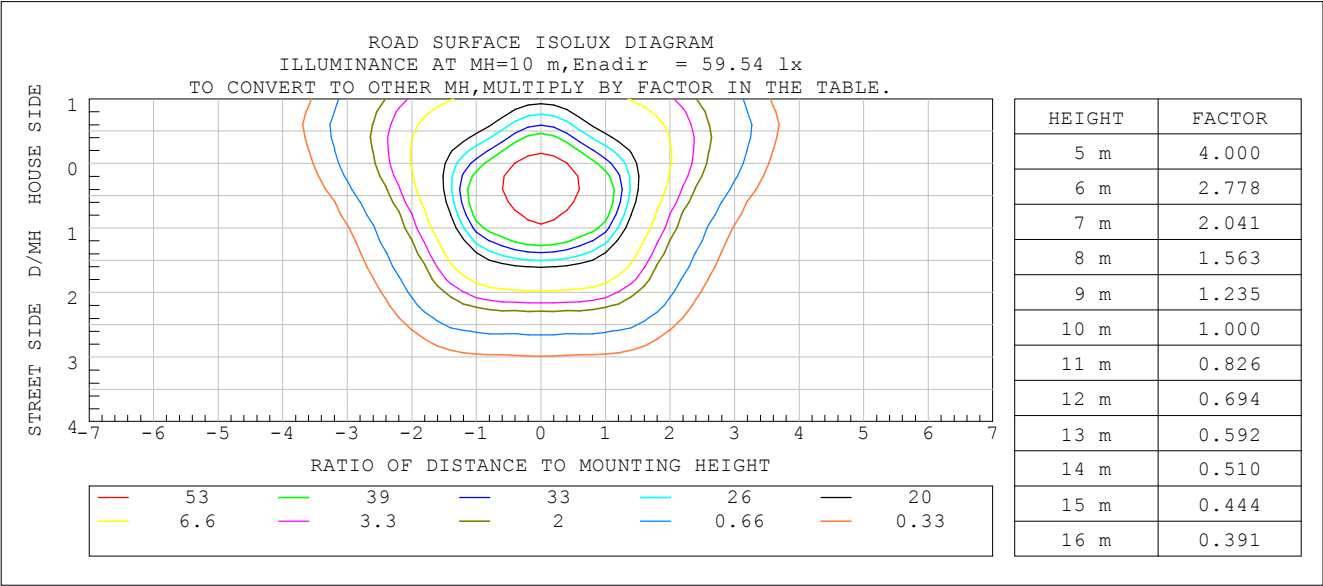
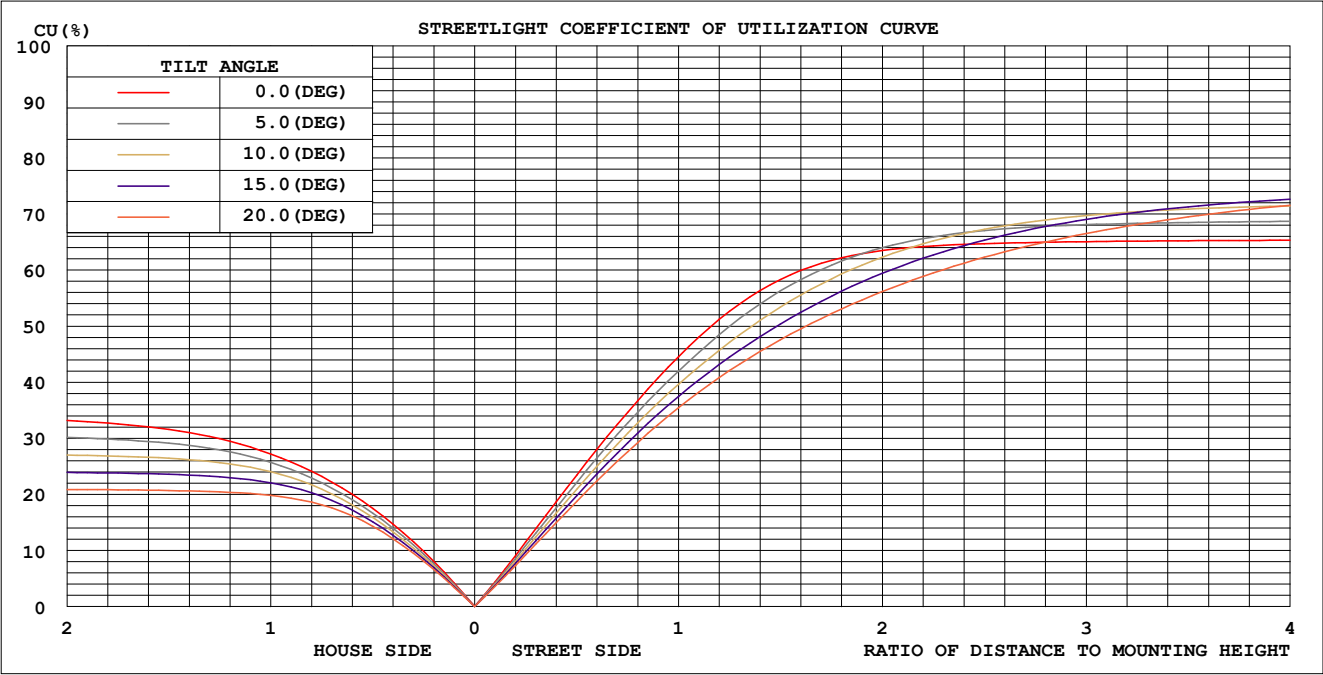
IES:Type III - Short  
CIE:Average - Short  
IES:Cut-off  
CIE:Full cut-off  
Max.At80:16.21cd/klm  
Max.At90:0.1299cd/klm  
Max.80-90:16.21cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	18836
90%	16953
80%	15069
70%	13185
60%	11302
50%	9418
40%	7535
30%	5651
20%	3767
10%	1884
5%	942

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYJ  
Test Date:2021-11-29

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:26.000m [K=0.4536]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYJ  
Test Date: 2021-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4536]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

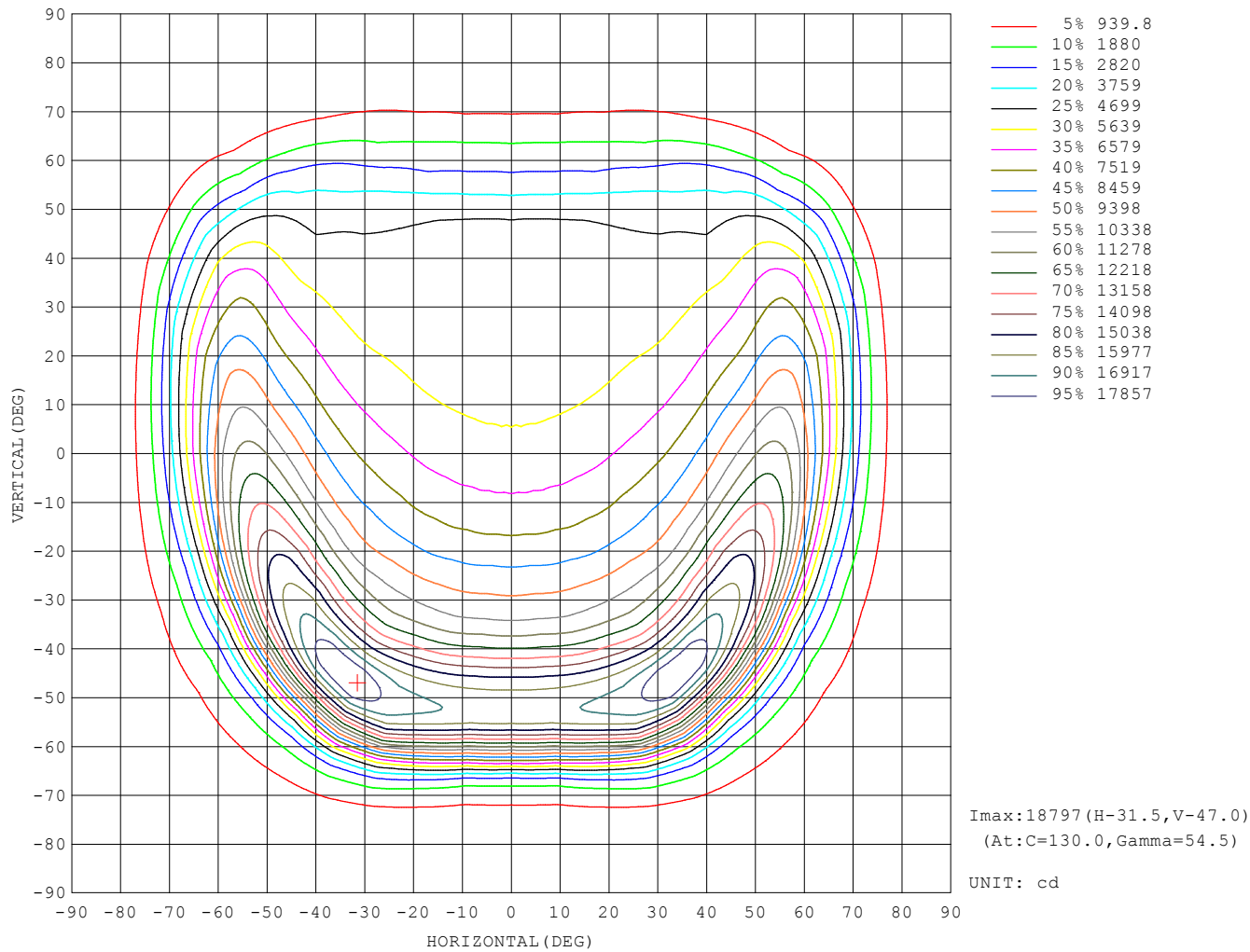
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	608.5	656.5	675.7	656.5	608.5	562.4	546.8	562.4	0- 10	575.0	575.0	1.71,1.71
20	651.6	753.8	796.6	753.8	651.6	548.5	527.5	548.5	10- 20	1790	2365	7.04,7.04
30	733.6	903.9	954.9	903.9	733.6	541.6	518.7	541.6	20- 30	3199	5565	16.6,16.6
40	887.5	1133	1227	1133	887.5	523.1	509.8	523.1	30- 40	4933	10498	31.3,31.3
50	1122	1685	1644	1685	1122	495.1	437.9	495.1	40- 50	7530	18028	53.7,53.7
60	981.5	1398	1135	1398	981.5	415.4	243.9	415.4	50- 60	9415	27443	81.7,81.7
70	339.9	218.2	132.4	218.2	339.9	192.0	90.47	192.0	60- 70	4961	32404	96.5,96.5
80	44.19	29.03	20.18	29.03	44.19	31.60	31.34	31.60	70- 80	1057	33461	99.6,99.6
90	0.2674	0.1467	0.0895	0.1467	0.2674	0.3771	0.4171	0.3771	80- 90	131.6	33592	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:X10cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LYJ  
 Test Date:2021-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4536]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

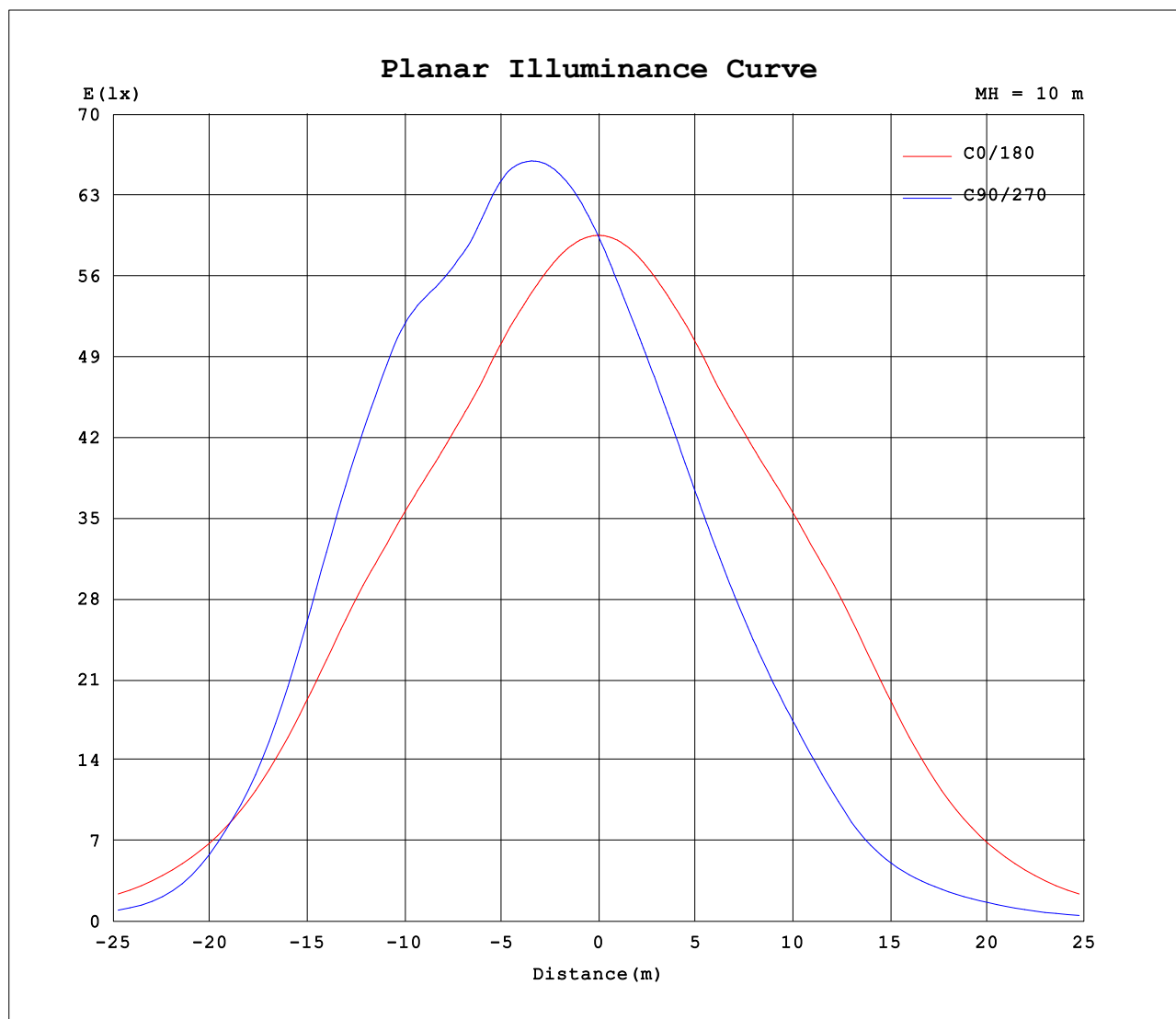
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYJ  
Test Date:2021-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:26.000m [K=0.4536]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYJ  
Test Date: 2021-11-29

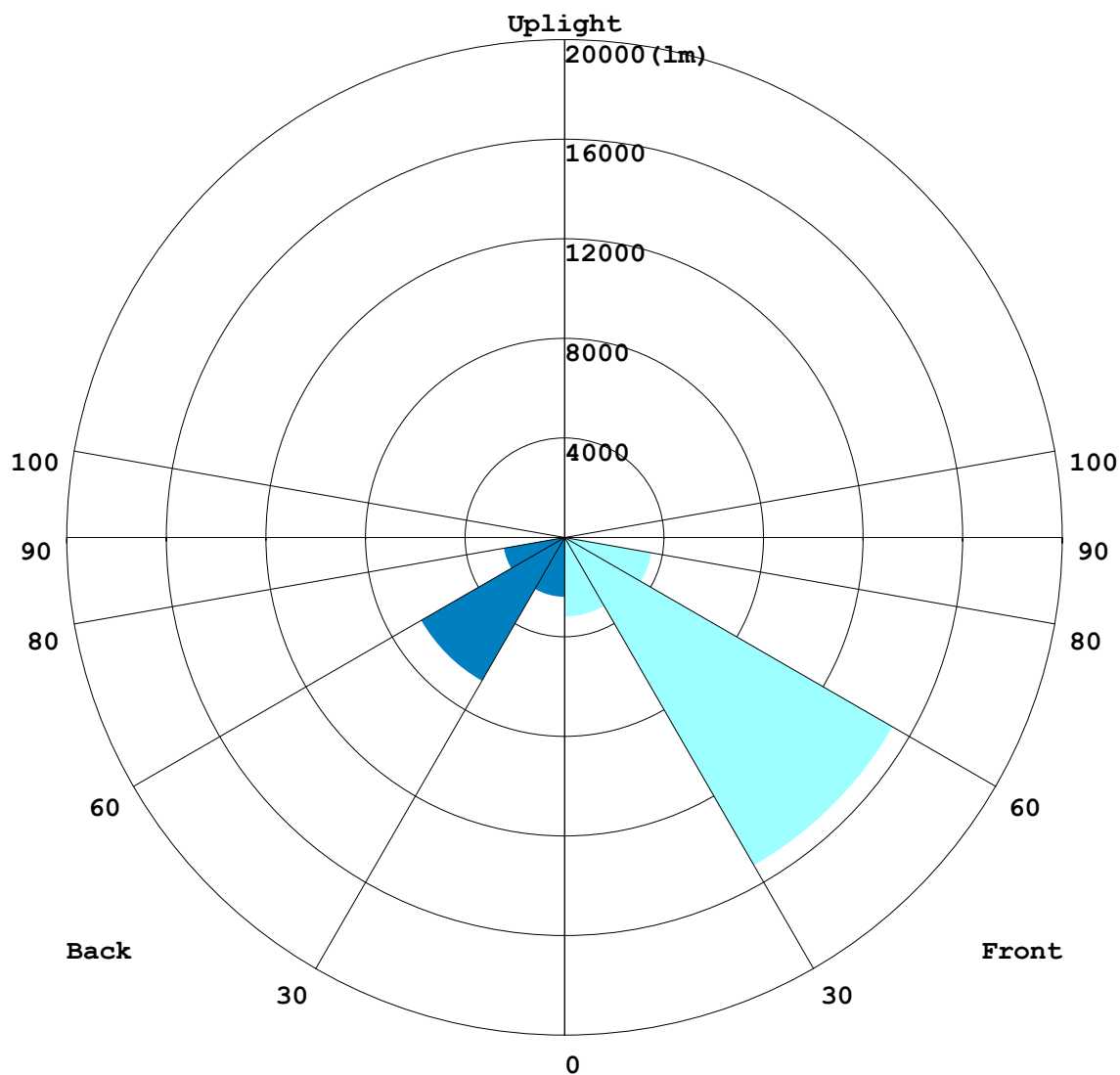
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4536]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LCS REPORT

Test:U:119.2V I:2.0220A P:240.82W PF:0.9992 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:33592.2x1 lm		
NAME: HA04-240-5770-F01611	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYJ  
Test Date:2021-11-29

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:26.000m [K=0.4536]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## BUG REPORT

Test:U:119.2V I:2.0220A P:240.82W PF:0.9992 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:33592.2x1 lm		
NAME: HA04-240-5770-F01611	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3178.8	9.5
FM - Front-Medium(30-60)	15224	45.3
FH - Front-High(60-80)	3542.2	10.5
FVH - Front-Very High(80-90)	50.323	0.1
Total Forward Light	21995	65.5

BL - Back-Low(0-30)	2386.1	7.1
BM - Back-Medium(30-60)	6654.3	19.8
BH - Back-High(60-80)	2475.4	7.4
BVH - Back-Very High(80-90)	81.228	0.2
Total Back Light	11597	34.5

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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11597	0	11597
Street Side	21995	0	21995

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYJ  
Test Date:2021-11-29

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:26.000m [K=0.4536]  
Remarks:

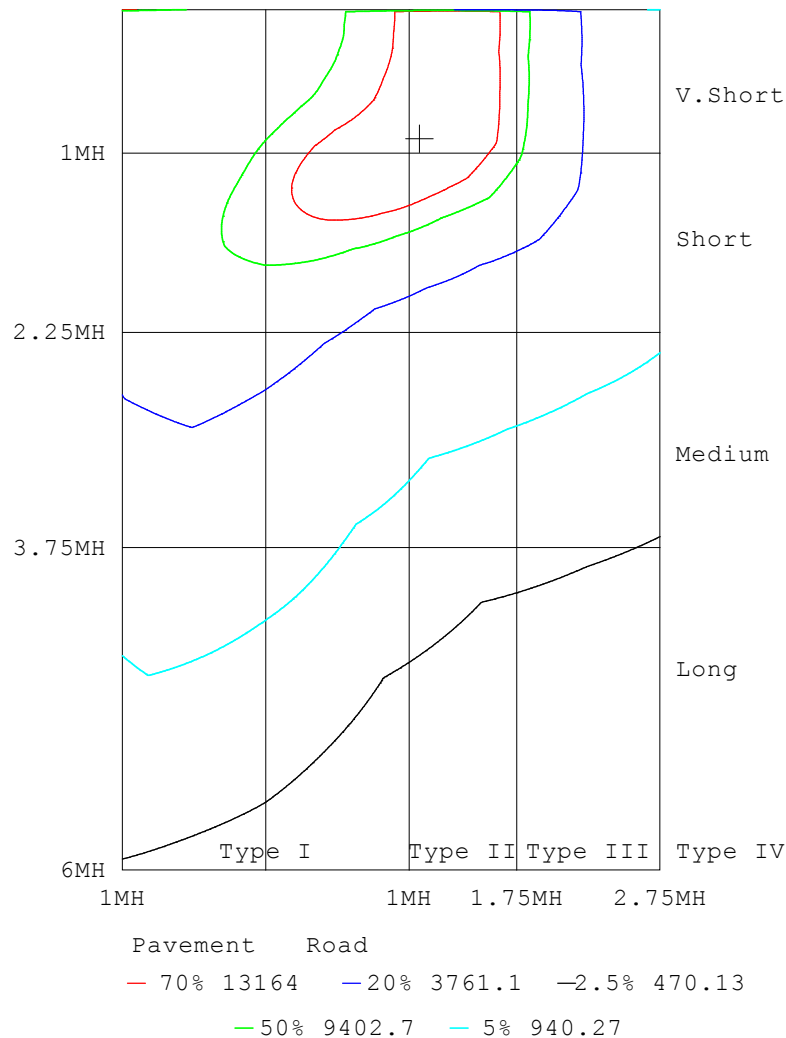


# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## ROAD ISOCANDELA REPORT

Test:U:119.2V I:2.0220A P:240.82W PF:0.9992 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:33592.2x1 lm		
NAME: HA04-240-5770-F01611	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYJ  
Test Date:2021-11-29

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:26.000m [K=0.4536]  
Remarks: