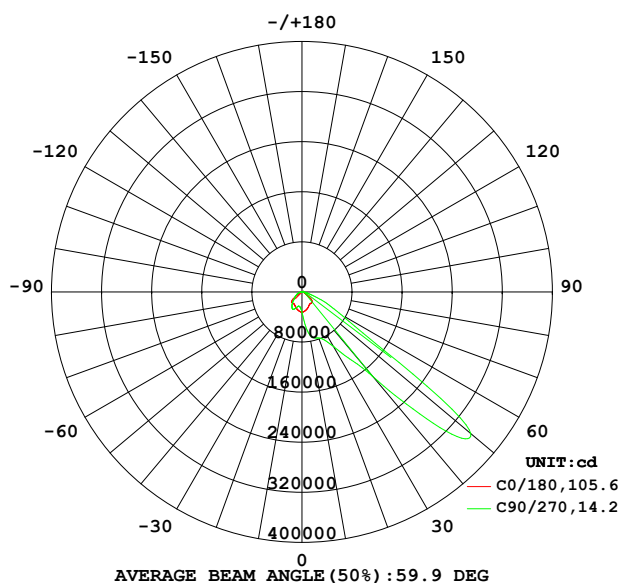
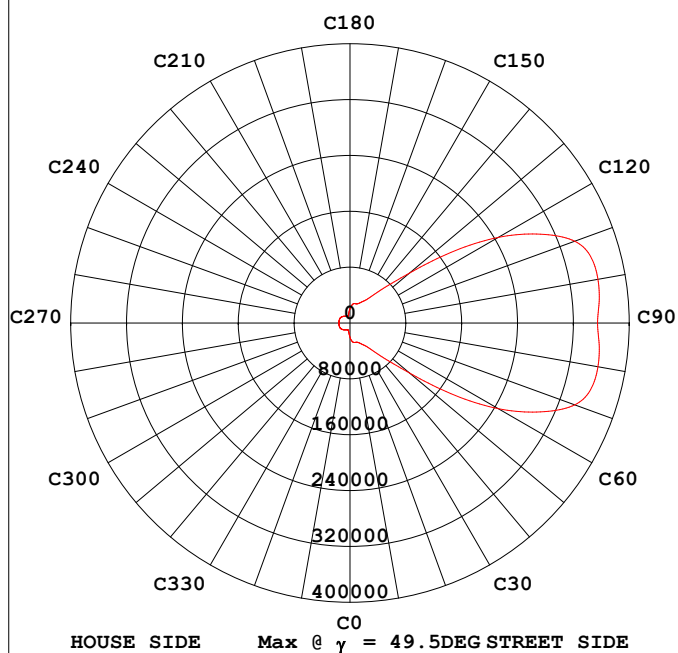


## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:196895x1 lm		
NAME: SP04-1K5-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

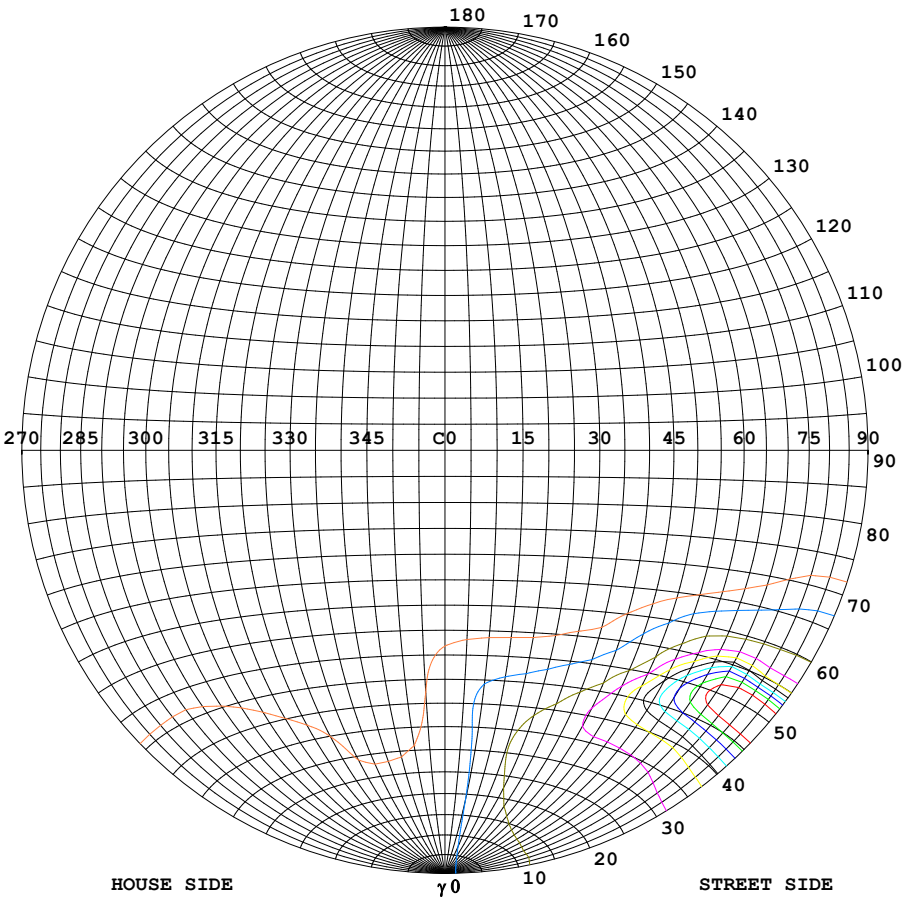
DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.26 lm/W			
MODEL	/	I <sub>max</sub> (cd)	360619	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	83.0
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	196895	η house_up(%)	0.0
NOMINAL FLUX(lm)	196895	MAXIMUM @ (C,γ )	80,49.5	η house_down(%)	17.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LYJ  
Test Date:2023-01-13

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

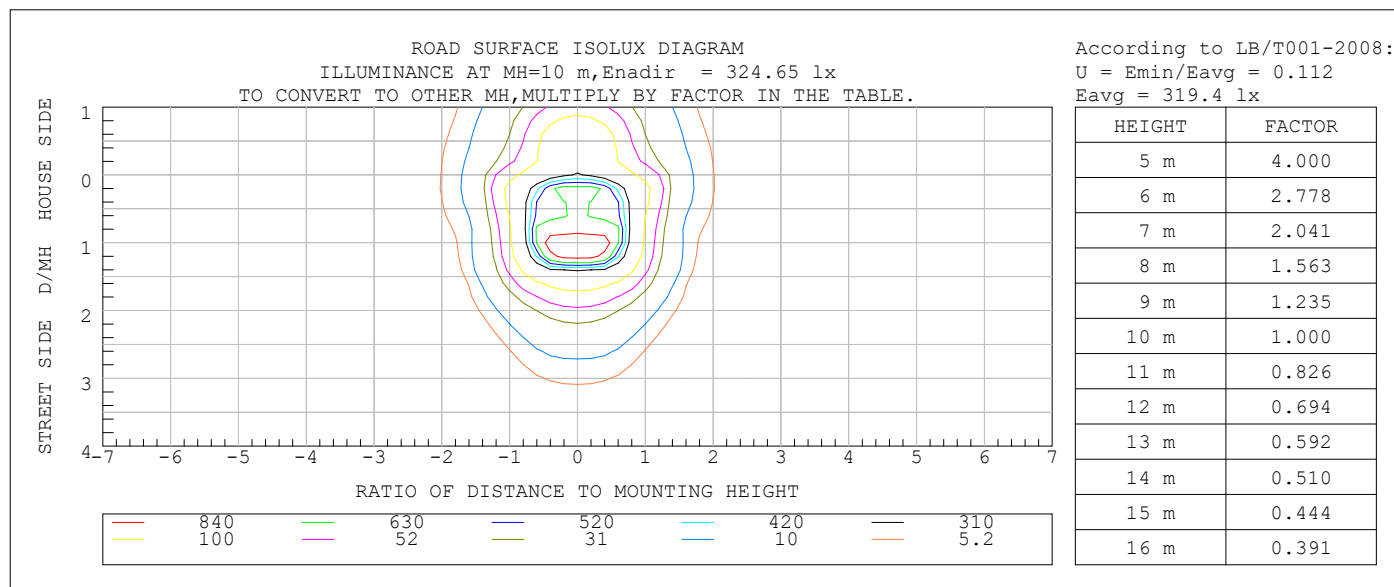
STREETLIGHT ISOCANDELA DIAGRAM



Classification:  
IES:Type II - Very Short  
CIE:Average - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:42.14cd/klm  
Max.At90:0.0865cd/klm  
Max.80-90:42.14cd/klm  
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	360619
90%	324557
80%	288495
70%	252433
60%	216372
50%	180310
40%	144248
30%	108186
20%	72124
10%	36062
5%	18031

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 5.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3℃	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.4556]
Test Date:2023-01-13	Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2023-01-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

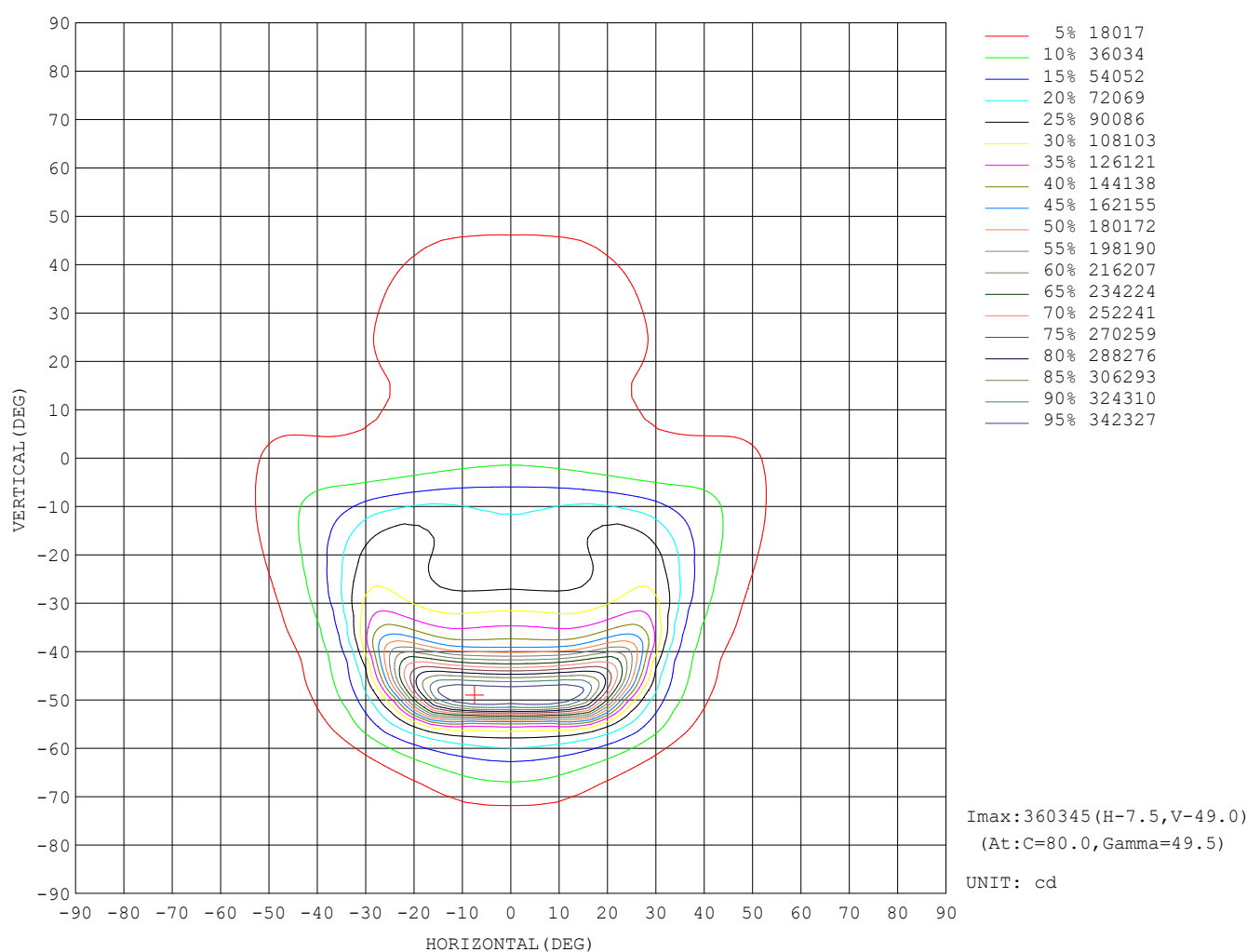
## ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	304.8	593.5	688.0	593.5	304.8	232.1	235.7	232.1	0- 10	3486	3486	1.77,1.77
20	273.2	859.2	783.6	859.2	273.2	205.3	270.0	205.3	10- 20	12385	15871	8.06,8.06
30	237.0	956.6	1004	956.6	237.0	226.4	309.3	226.4	20- 30	23015	38886	19.7,19.7
40	232.7	1218	1770	1218	232.7	181.4	240.4	181.4	30- 40	36250	75136	38.2,38.2
50	202.6	692.5	3517	692.5	202.6	133.7	156.9	133.7	40- 50	61411	136547	69.4,69.4
60	73.45	250.7	716.9	250.7	73.45	90.13	104.4	90.13	50- 60	42634	179181	91,91
70	40.51	48.03	229.8	48.03	40.51	39.47	63.34	39.47	60- 70	12843	192024	97.5,97.5
80	12.22	13.54	82.97	13.54	12.22	11.19	21.74	11.19	70- 80	4173	196197	99.6,99.6
90	0.0831	0.0913	0.1404	0.0913	0.0831	0.0837	0.1684	0.0837	80- 90	697.6	196895	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:X100cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2023-01-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4556]  
 Remarks:

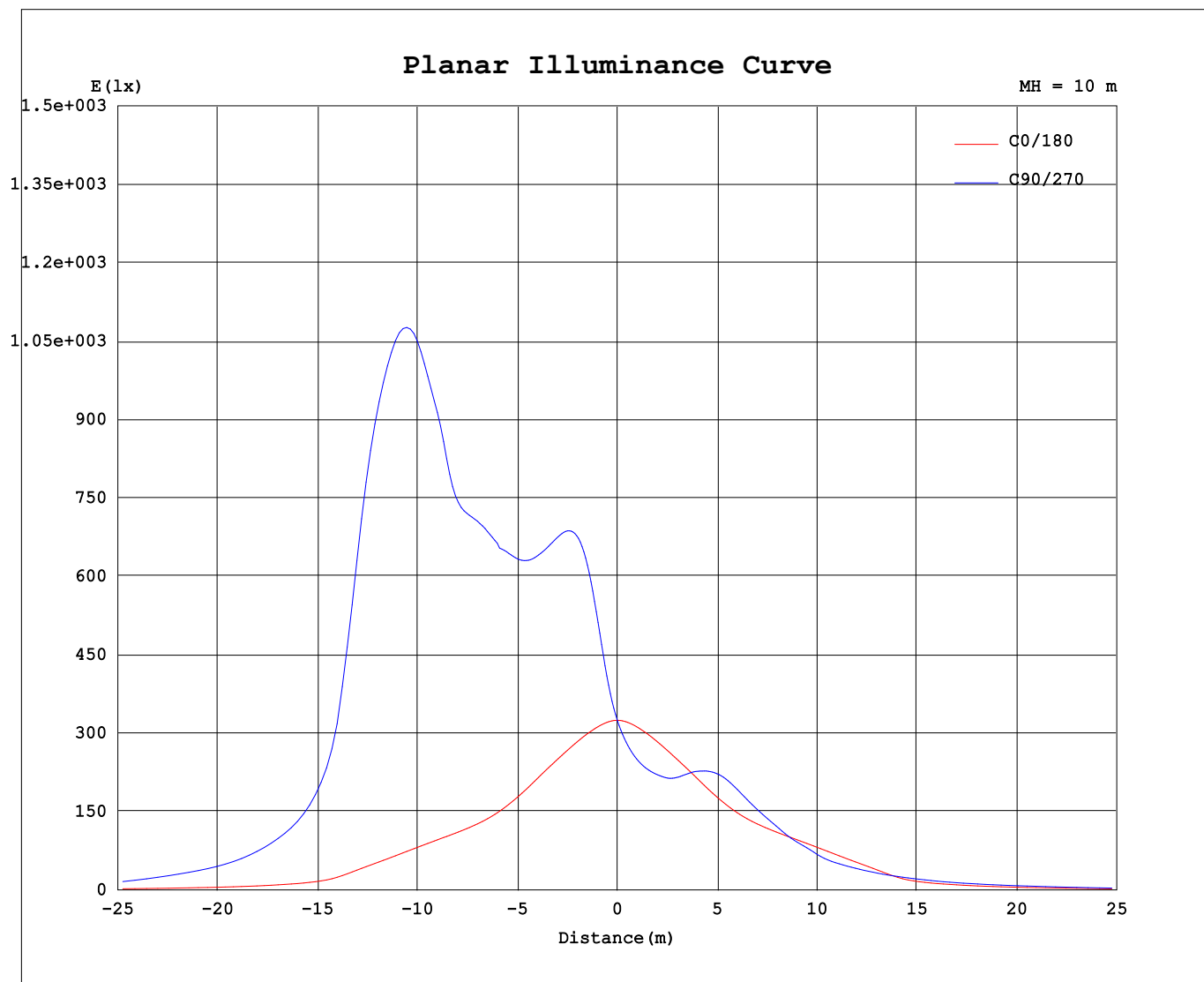
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2023-01-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2023-01-13

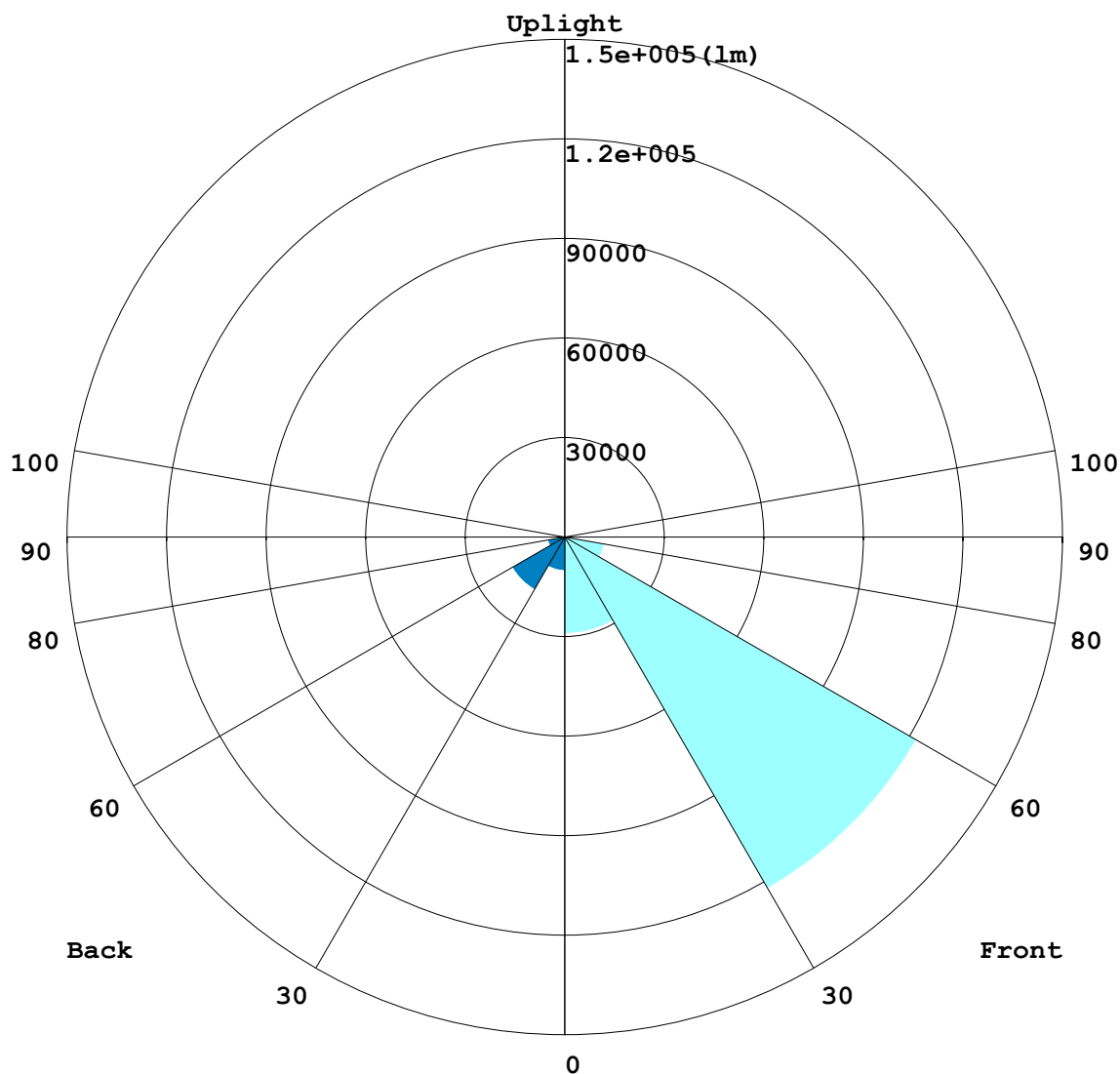
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LCS REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:196895x1 lm		
NAME: SP04-1K5-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2023-01-13

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4556]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## BUG REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:196895x1 lm		
NAME: SP04-1K5-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	28925	14.7
FM - Front-Medium(30-60)	1.2216e+005	62.0
FH - Front-High(60-80)	11948	6.1
FVH - Front-Very High(80-90)	439.9	0.2
Total Forward Light	1.6348e+005	83.0

BL - Back-Low(0-30)	9961.4	5.1
BM - Back-Medium(30-60)	18130	9.2
BH - Back-High(60-80)	5067.2	2.6
BVH - Back-Very High(80-90)	257.71	0.1
Total Back Light	33417	17.0

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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	33417	0	33417
Street Side	1.6348e+005	0	1.6348e+005

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LYJ  
Test Date:2023-01-13

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks:

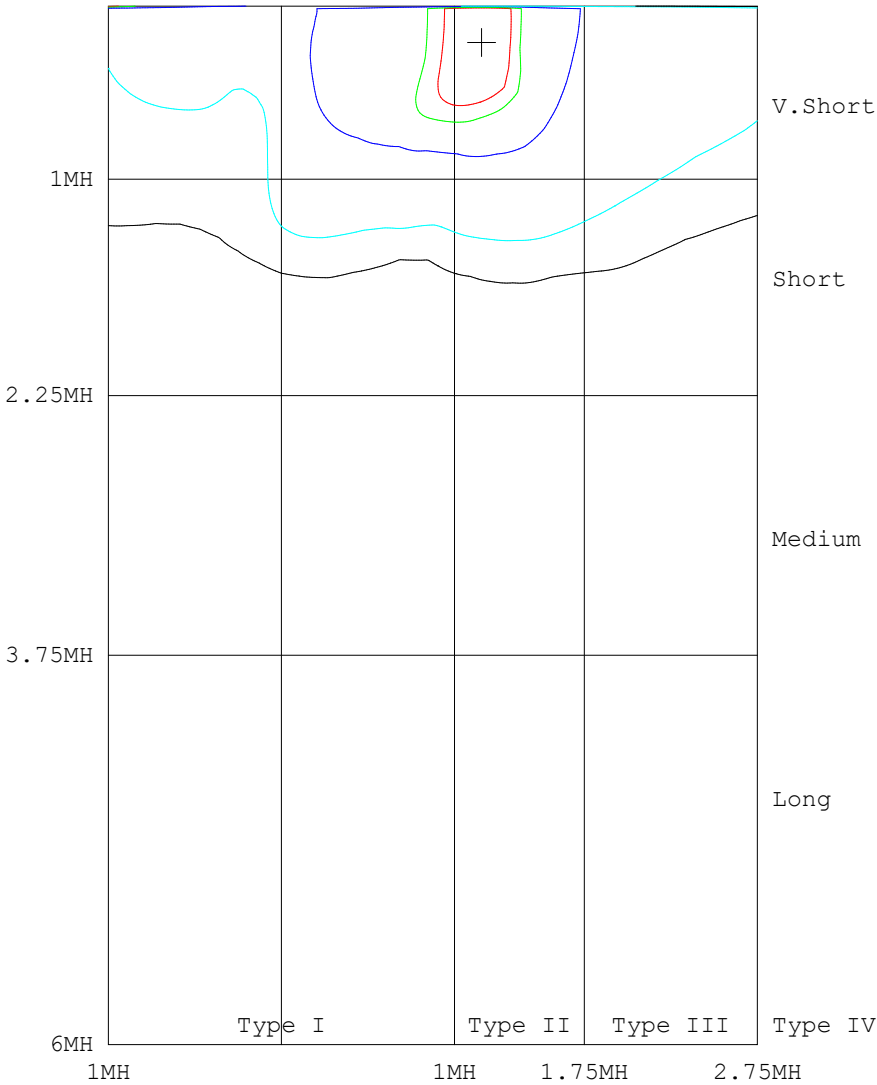


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:196895x1 lm		
NAME: SP04-1K5-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LYJ  
Test Date:2023-01-13

Pavement: 70% 2.5236e+003  
Road: 50% 1.8026e+003

γ Range: 72003 - 90DEG  
γ Interval: 0.5DEG

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity:65.0%  
Test Distance:26.000m [K=0.4556]  
Remarks: