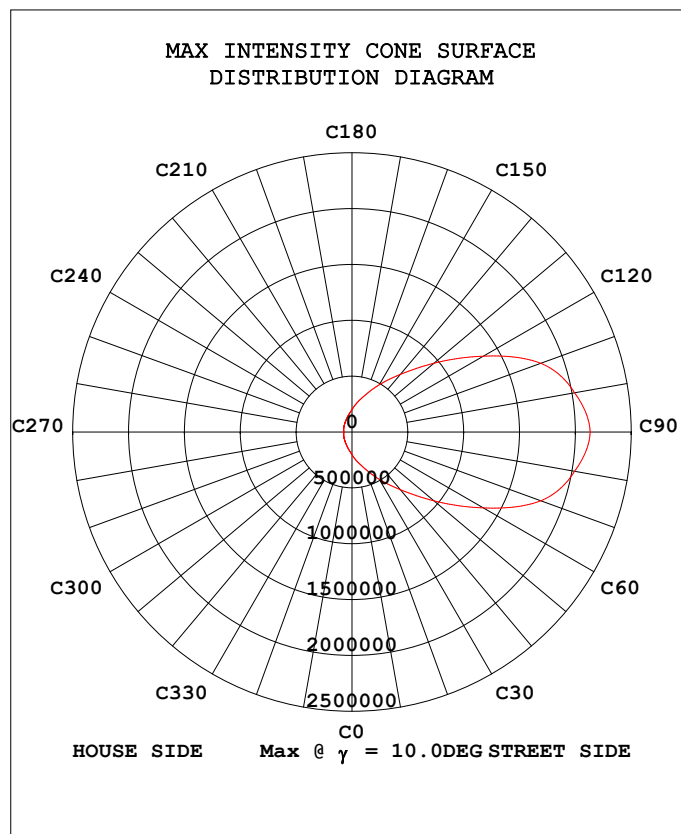
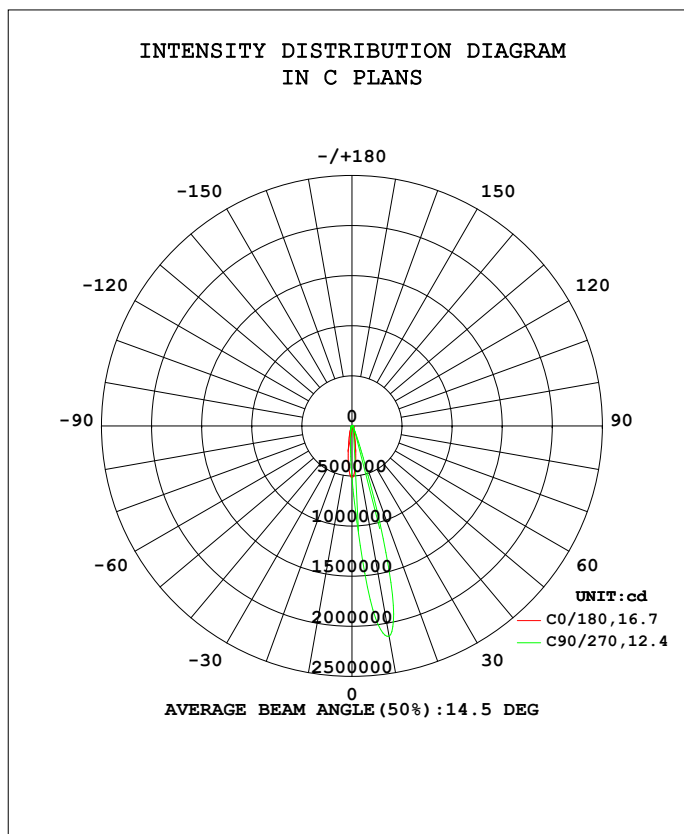


## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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:187767x1 lm		
NAME: SP04-1K5-5770-F04002X+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

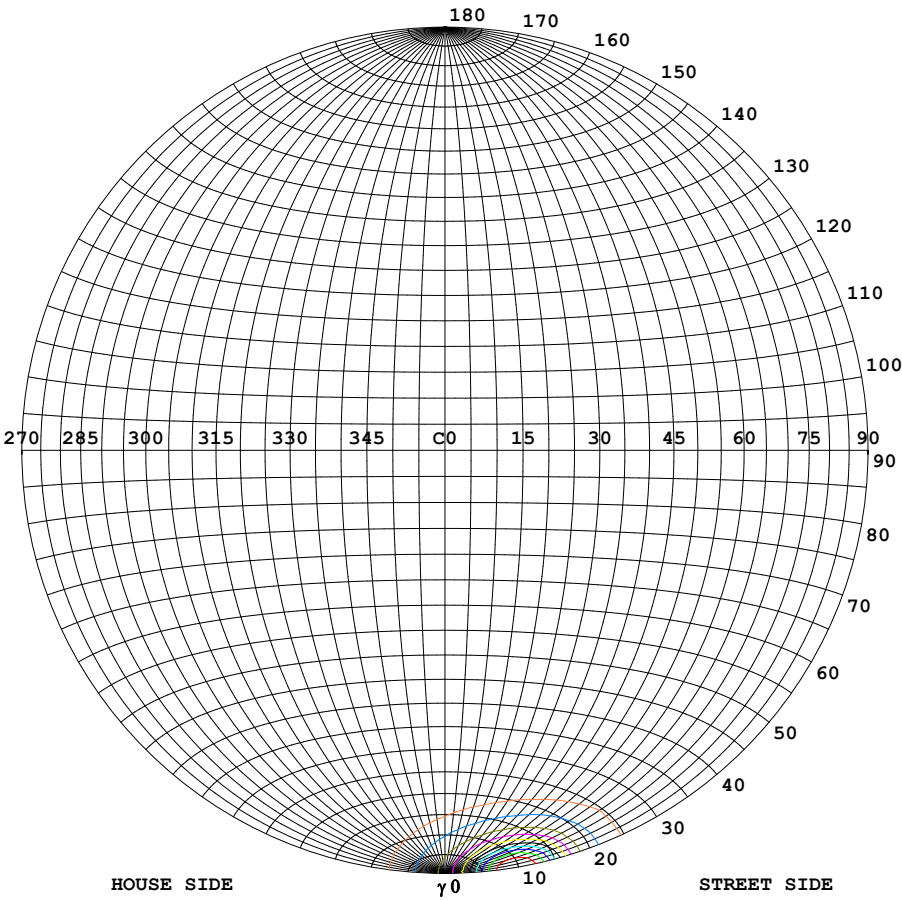
DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.18 lm/W			
MODEL	/	I <sub>max</sub> (cd)	2132046	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	78.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	187767	η house_up (%)	0.0
NOMINAL FLUX (lm)	187767	MAXIMUM @ (C, γ )	90,10.0	η house_down (%)	21.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LYJ  
Test Date:2023-02-28

γ Range: 0 - 180DEG  
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:

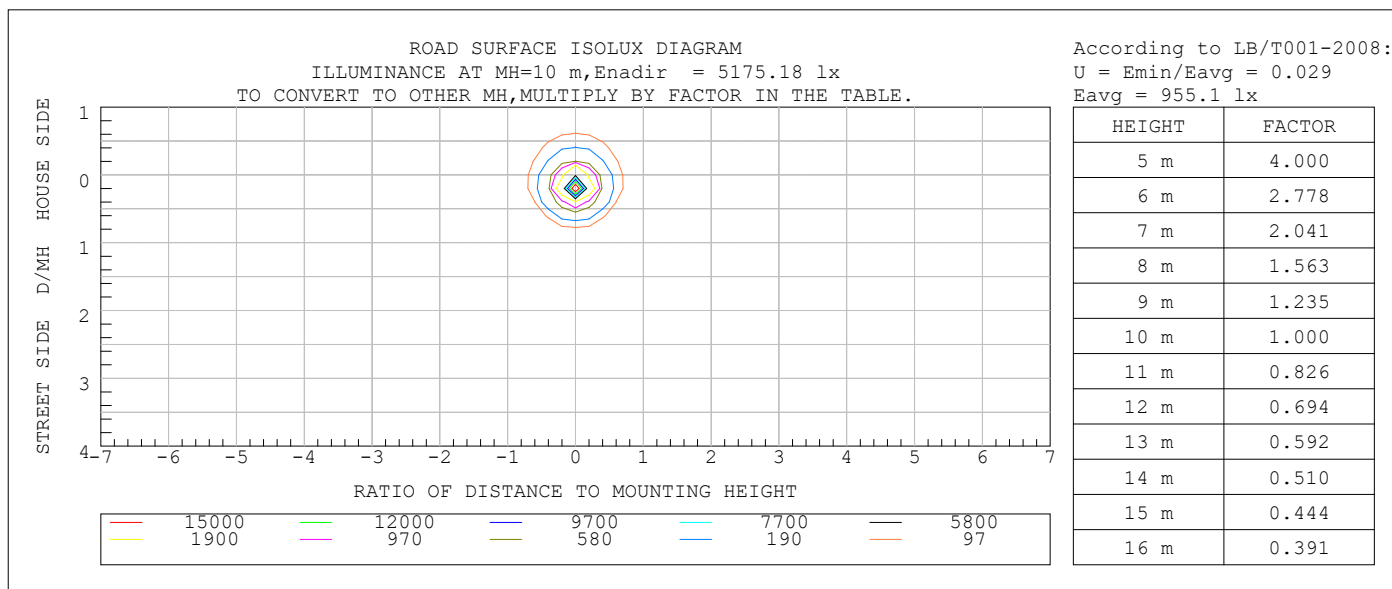
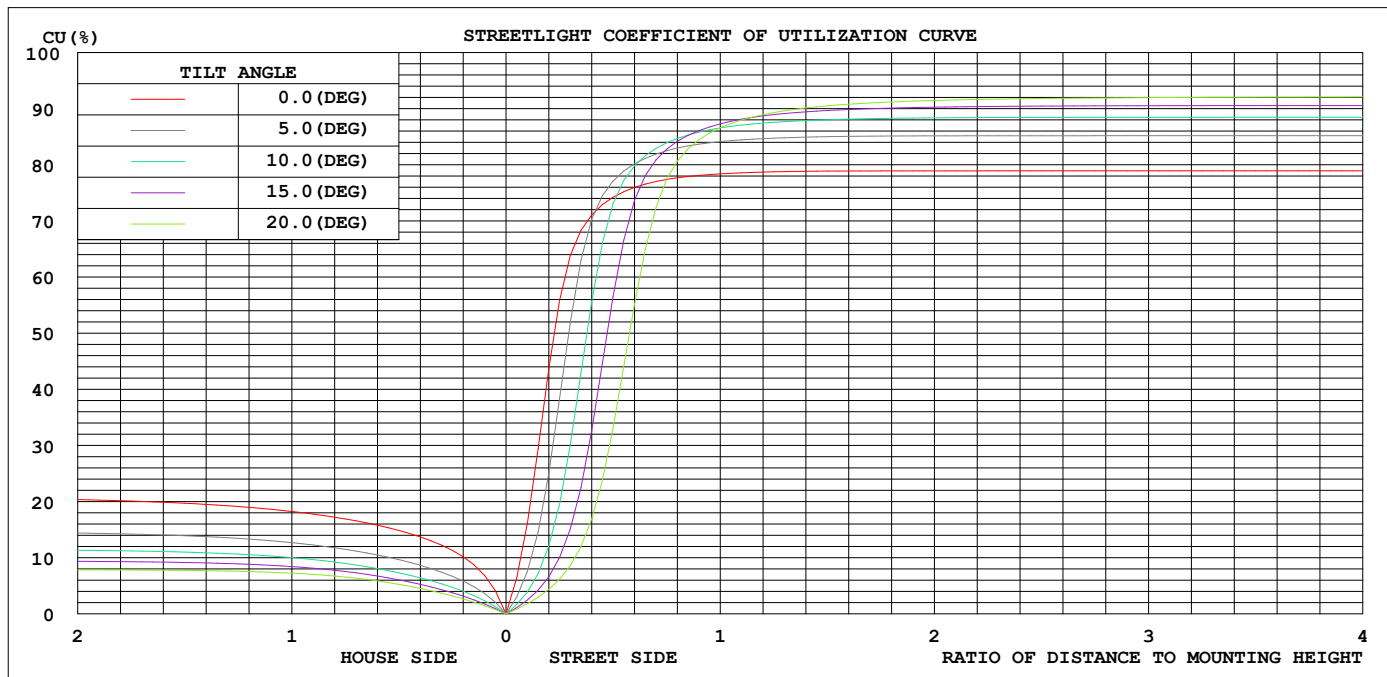
STREETLIGHT ISOCANDELA DIAGRAM



Classification:  
IES:Type I - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:6.230cd/klm  
Max.At90:0cd/klm  
Max.80-90:6.230cd/klm  
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2132046
90%	1918841
80%	1705636
70%	1492432
60%	1279227
50%	1066023
40%	852818
30%	639614
20%	426409
10%	213205
5%	106602

C Range: 0 - 360DEG	$\gamma$ Range: 0 - 180DEG
C Interval: 10.0DEG	$\gamma$ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3°C	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.4556]
Test Date:2023-02-28	Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2023-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

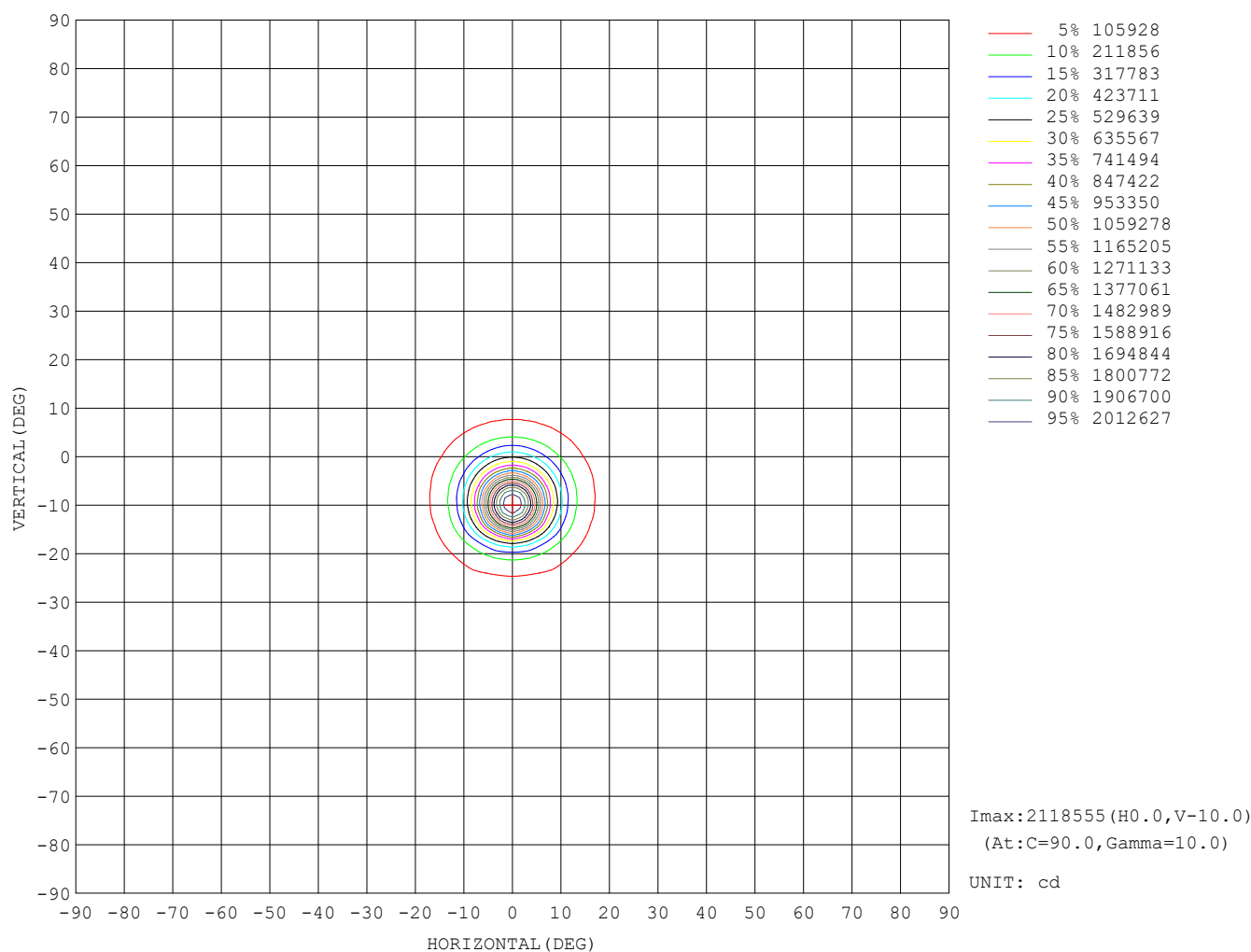
## ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	201.3	815.7	2132	815.7	201.3	96.00	76.08	96.00	0- 10	55748	55748	29.7,29.7
20	54.41	148.4	295.3	148.4	54.41	31.17	27.41	31.17	10- 20	79097	134845	71.8,71.8
30	21.21	39.71	47.50	39.71	21.21	17.18	16.64	17.18	20- 30	23018	157862	84.1,84.1
40	12.90	13.25	13.23	13.25	12.90	12.18	12.07	12.18	30- 40	11595	169458	90.2,90.2
50	9.170	5.981	3.511	5.981	9.170	9.719	9.643	9.719	40- 50	7749	177207	94.4,94.4
60	6.021	2.160	0.0216	2.160	6.021	7.339	6.613	7.339	50- 60	5587	182794	97.4,97.4
70	3.076	0.2326	0.0018	0.2326	3.076	3.957	3.597	3.957	60- 70	3357	186150	99.1,99.1
80	0.7645	0.0243	0.0031	0.0243	0.7645	1.090	0.9658	1.090	70- 80	1399	187549	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	217.4	187767	100,100
100	0	0	0	0	0	0	0	0	90-100	0	187767	100,100
110	0	0	0	0	0	0	0	0	100-110	0	187767	100,100
120	0	0	0	0	0	0	0	0	110-120	0	187767	100,100
130	0	0	0	0	0	0	0	0	120-130	0	187767	100,100
140	0	0	0	0	0	0	0	0	130-140	0	187767	100,100
150	0	0	0	0	0	0	0	0	140-150	0	187767	100,100
160	0	0	0	0	0	0	0	0	150-160	0	187767	100,100
170	0	0	0	0	0	0	0	0	160-170	0	187767	100,100
180	0	0	0	0	0	0	0	0	170-180	0	187767	100,100
DEG	LUMINOUS INTENSITY:X1000cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2023-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4556]  
 Remarks:

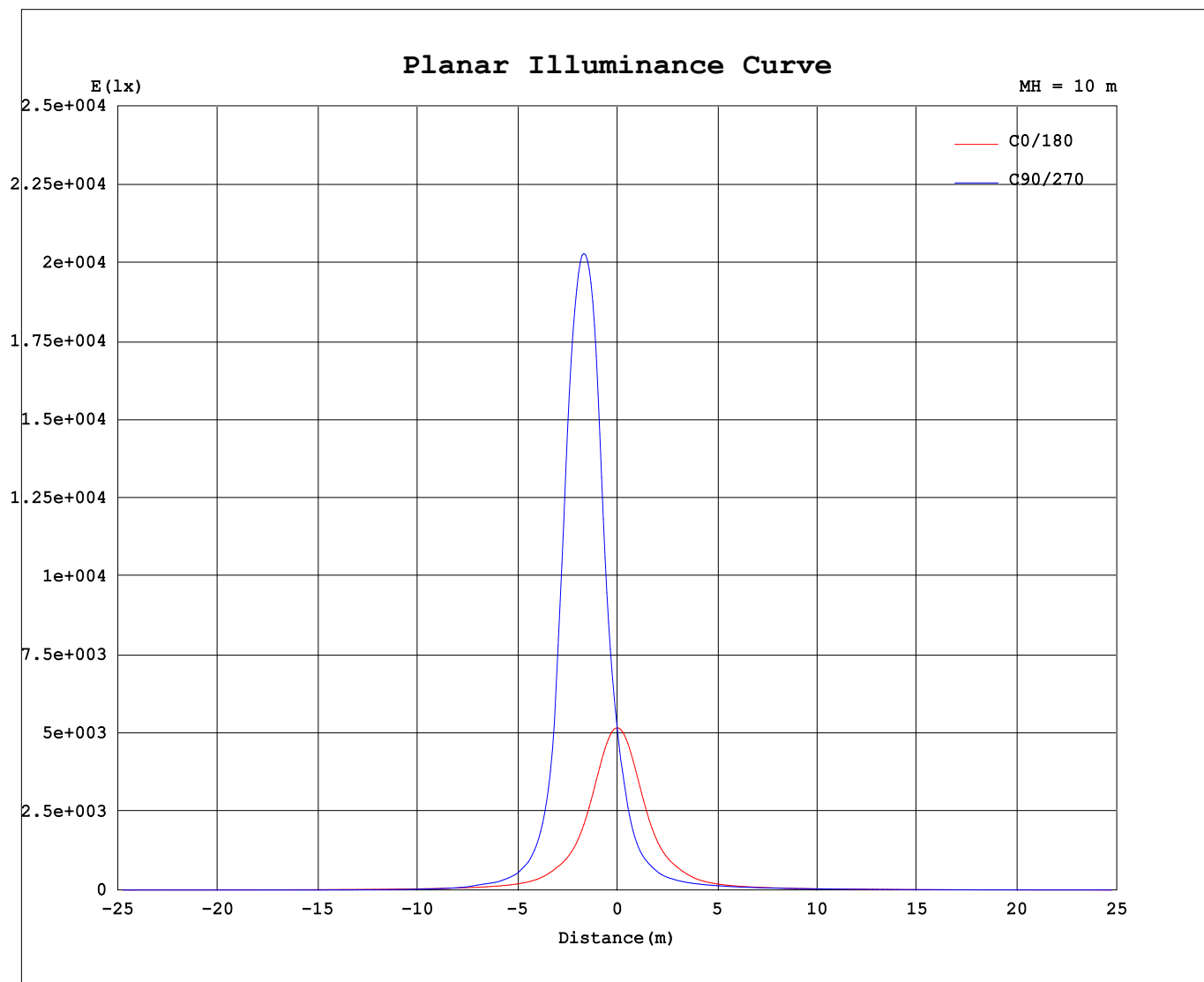
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:LYJ  
Test Date:2023-02-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2023-02-28

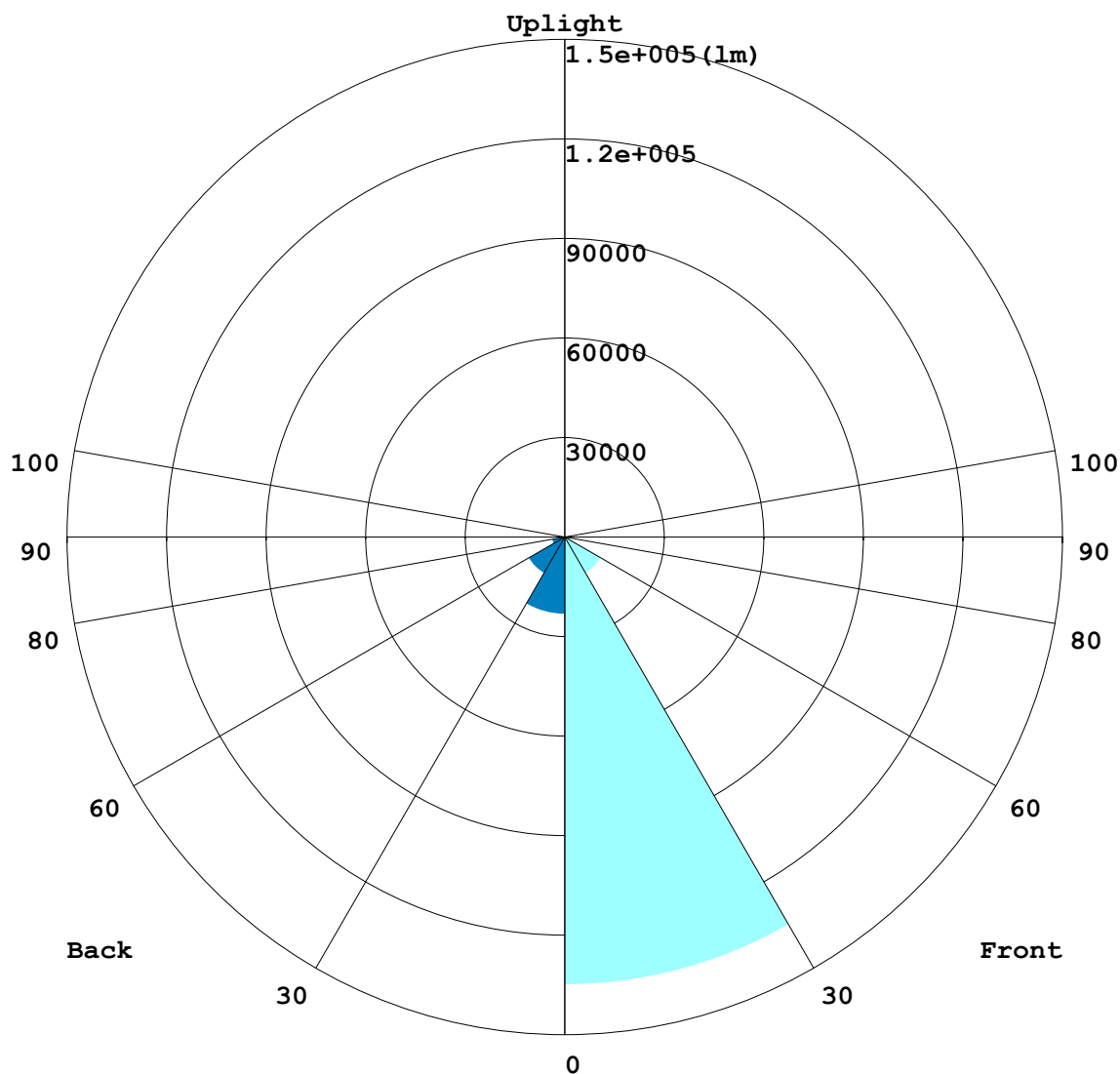
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4556]  
Remarks:

# 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:187767x1 lm		
NAME: SP04-1K5-5770-F04002X+L130	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:25.3°C  
 Operators:LYJ  
 Test Date:2023-02-28

γ Range: 0 - 180DEG  
 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:187767x1 lm		
NAME: SP04-1K5-5770-F04002X+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.3476e+005	71.8
FM - Front-Medium(30-60)	12458	6.6
FH - Front-High(60-80)	965.12	0.5
FVH - Front-Very High(80-90)	22.463	0.0
Total Forward Light	1.4821e+005	78.9

BL - Back-Low(0-30)	23101	12.3
BM - Back-Medium(30-60)	12473	6.6
BH - Back-High(60-80)	3790.3	2.0
BVH - Back-Very High(80-90)	194.96	0.1
Total Back Light	39559	21.1

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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	39559	0	39559
Street Side	1.4821e+005	0	1.4821e+005

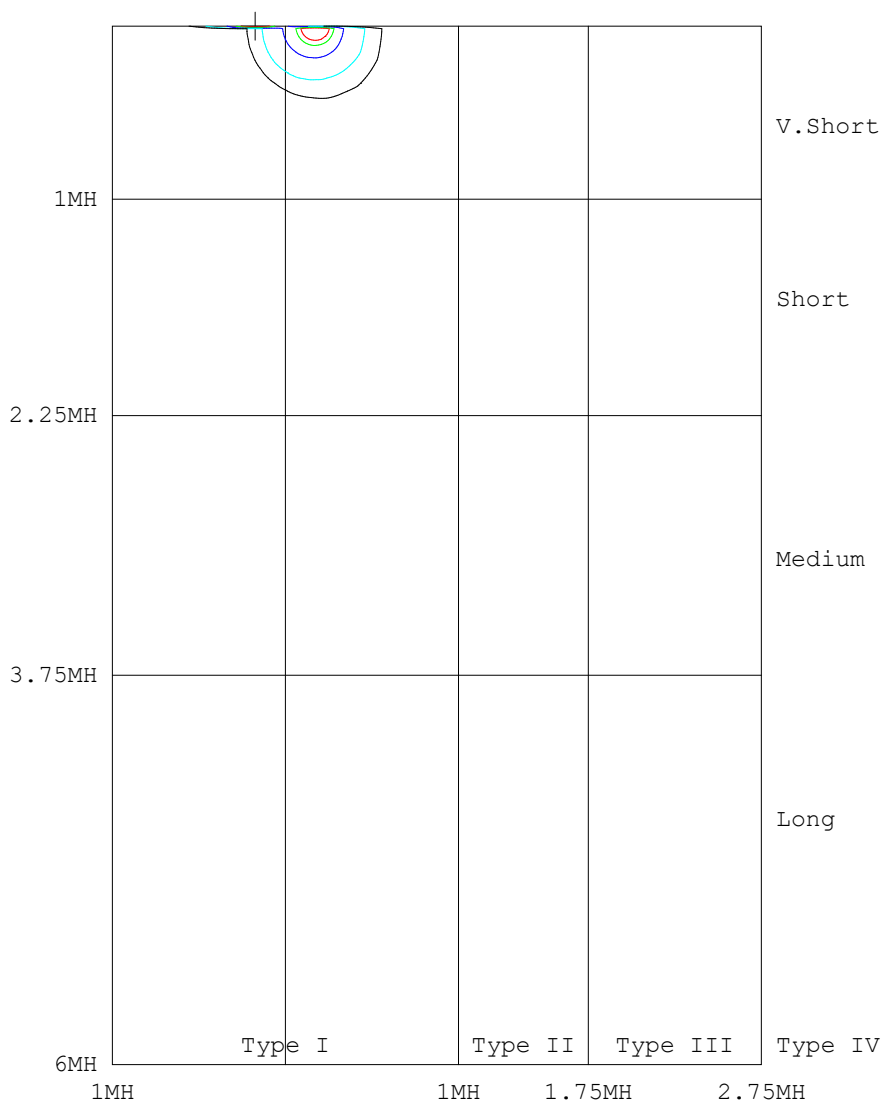
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:LYJ  
Test Date:2023-02-28

γ Range: 0 - 180DEG  
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:



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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:187767x1 lm		
NAME: SP04-1K5-5770-F04002X+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG	— Pavement	C Range: 0 - 360DEG	— Road
C Interval: 10.0DEG	70% 1.4833e+006	V Range: 2370 - 180DEG	2.5% 52974
Test Speed: HIGH	50% 1.0575e+005	V Interval: 0.5DEG	5% 1.0575e+005
Temperature: 25.3°C		Test System: EVERFINE GO-R5000_V2	SYSTEM V2.00.465
Operators: LYJ		Humidity: 65.0%	
Test Date: 2023-02-28		Test Distance: 26.000m [K=0.4556]	
		Remarks:	