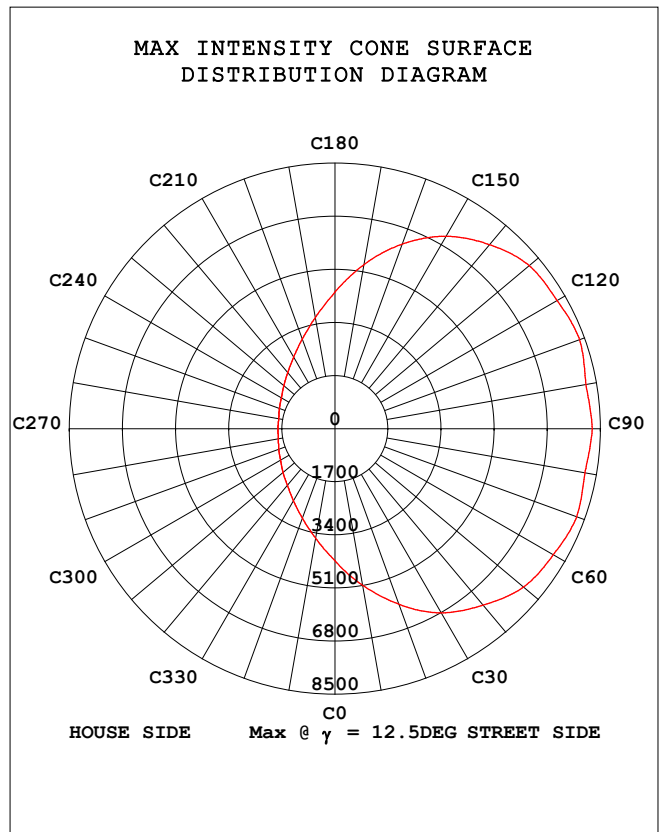
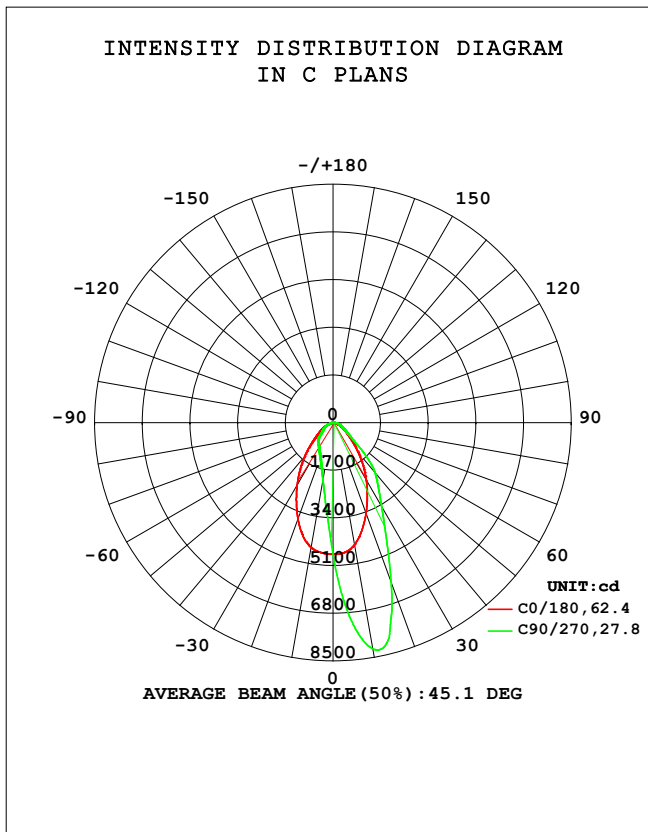


# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.7V I:0.2474A P:54.59W PF:0.9606 Freq:50.01Hz UTHDi:0.3110% ITHDi:7.442% Lamp Flux:6574.35x1 lm					
NAME: FL23-050-5070-F06403		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:		Shielding Angle:	

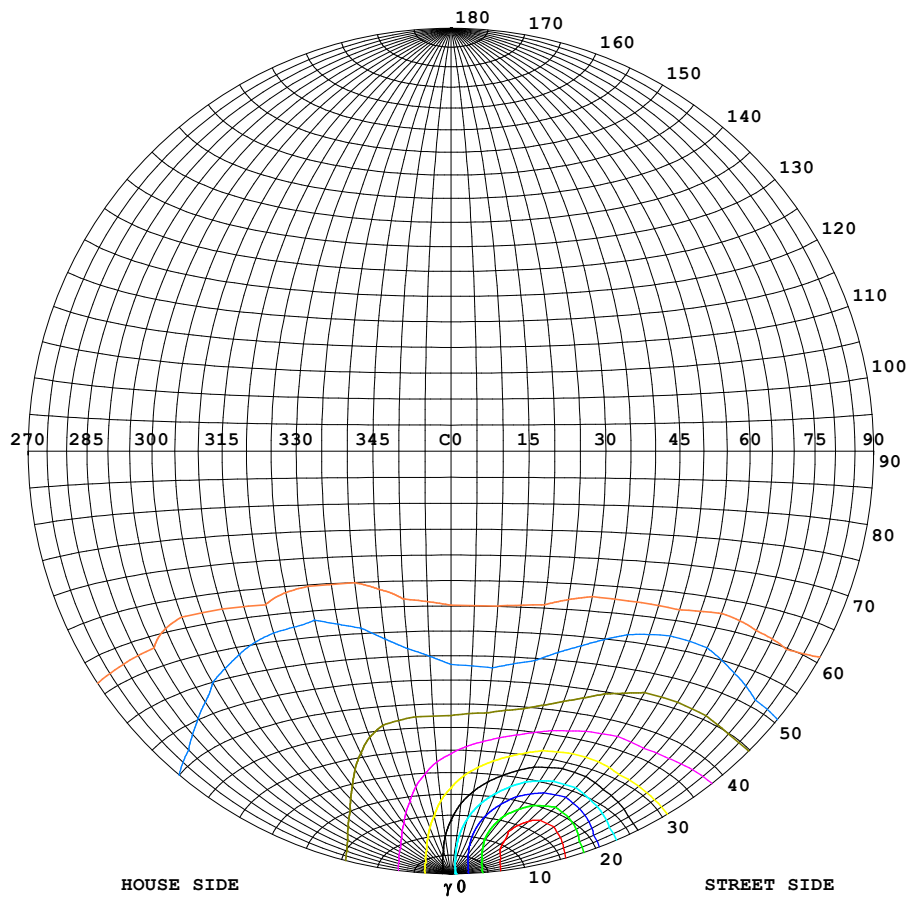
DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.44 lm/W			
MODEL	RF303	Imax (cd)	8336	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	50	LOR (%)	100.0	$\eta$ street_down (%)	65.8
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	6574	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	6574.35	MAXIMUM @ (C, $\gamma$ )	110,12.5	$\eta$ house_down (%)	34.2
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	$\eta$ down (%)	100.0	SLI	



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LI  
Test Date: 2020-06-01

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.1DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4589]  
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



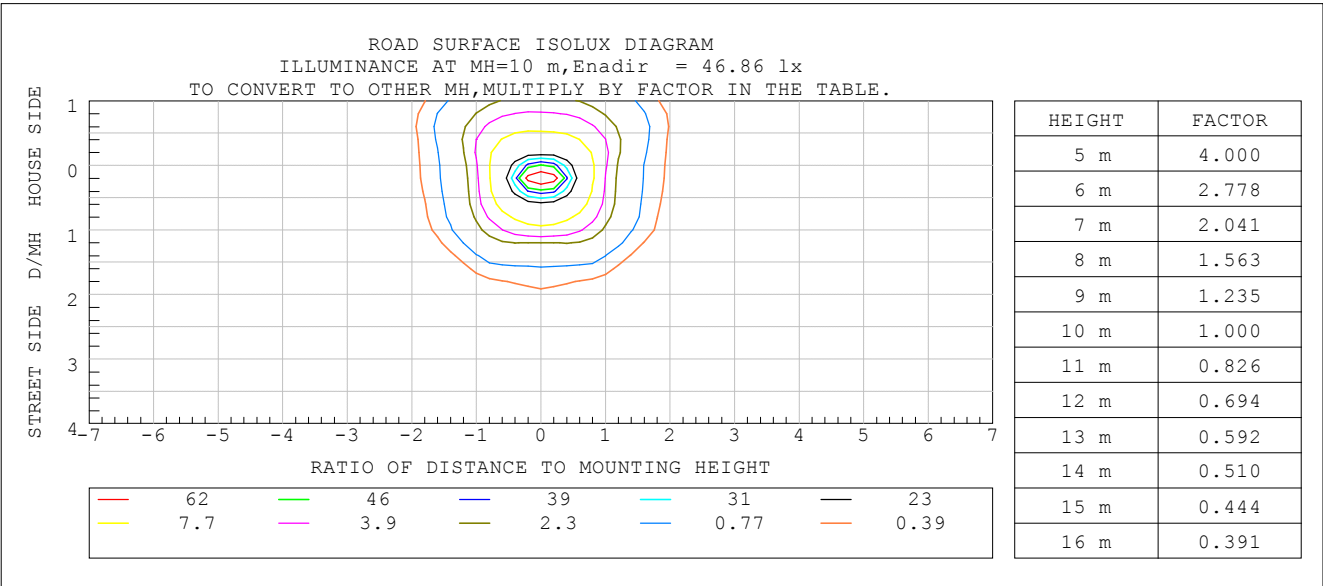
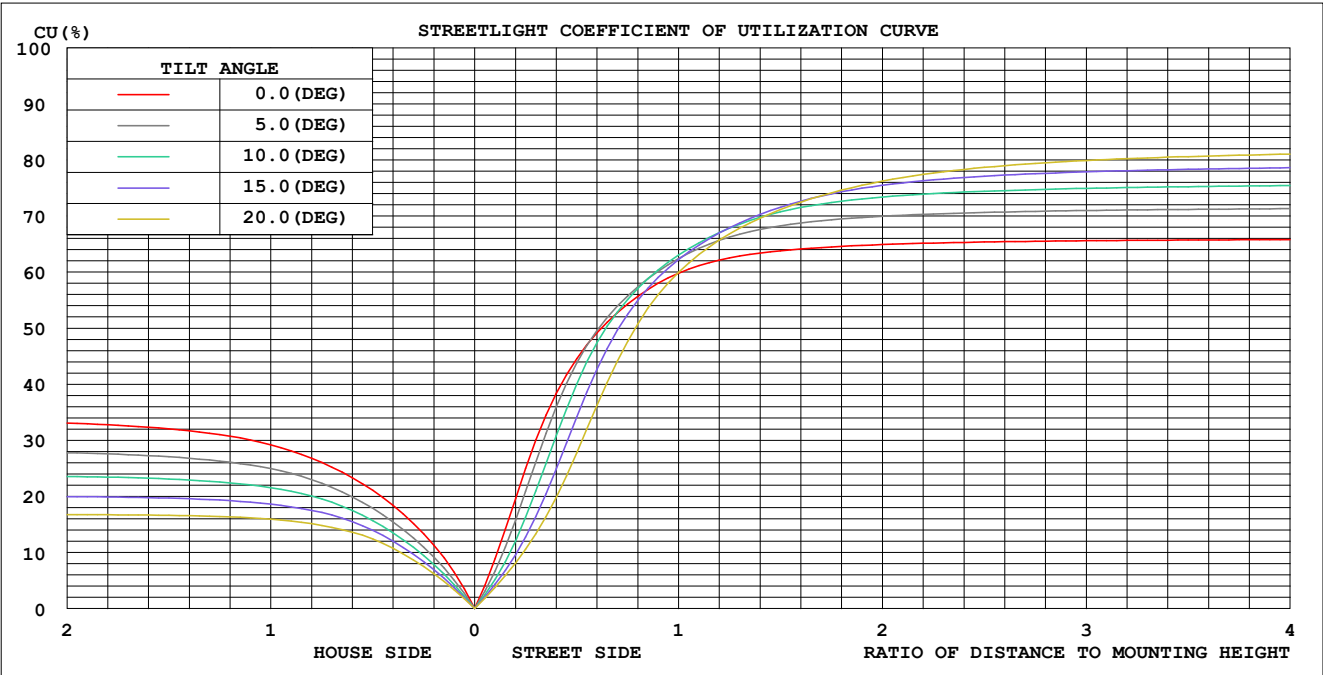
Classification:  
IES:Type I - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:11.28cd/klm  
Max.At90:0cd/klm  
Max.80-90:11.28cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8336
90%	7502
80%	6669
70%	5835
60%	5002
50%	4168
40%	3334
30%	2501
20%	1667
10%	834
5%	417

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LI  
Test Date:2020-06-01

γ Range: 0 - 90DEG  
γ Interval: 0.1DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:26.000m [K=0.4589]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LI  
Test Date: 2020-06-01

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.1DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4589]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

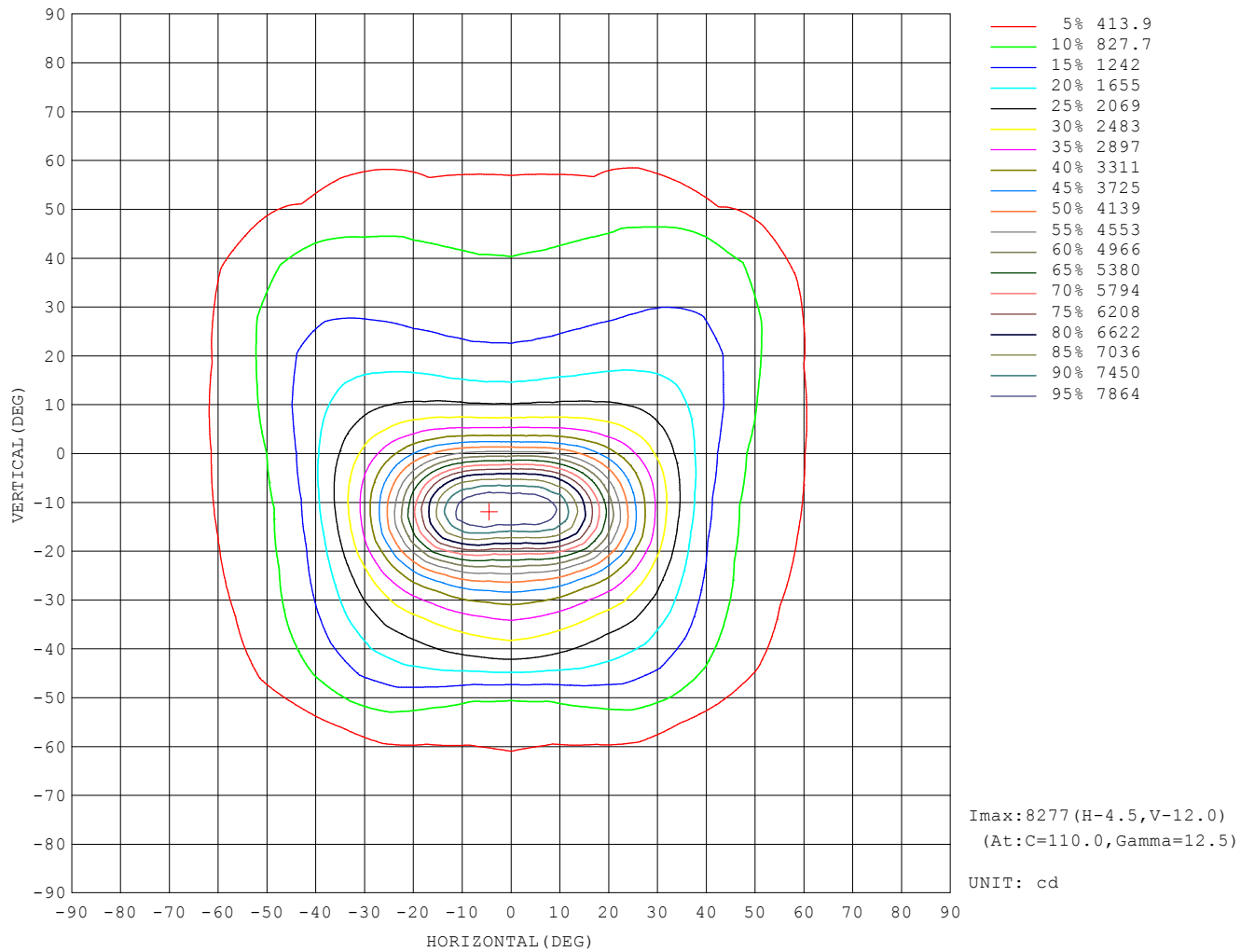
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	4427	7384	8188	7558	4533	2522	2092	2548	0- 10	464.0	464.0	7.06, 7.06
20	3451	6769	6076	7186	3662	1744	1352	1772	10- 20	1289	1753	26.7, 26.7
30	2386	3763	3483	4039	2563	1382	1031	1427	20- 30	1465	3218	49, 49
40	1422	2159	2346	2275	1577	1137	838.6	1209	30- 40	1255	4473	68, 68
50	731.2	1304	890.2	1426	819.9	921.8	522.1	991.5	40- 50	990.7	5464	83.1, 83.1
60	414.6	553.8	434.5	621.0	447.0	572.0	372.2	531.6	50- 60	654.7	6118	93.1, 93.1
70	168.9	171.5	245.4	190.2	188.6	207.6	186.1	190.4	60- 70	326.8	6445	98, 98
80	60.25	37.90	74.15	47.16	72.83	46.98	54.61	40.01	70- 80	116.0	6561	99.8, 99.8
90	0	0	0	0	0	0	0	0	80- 90	13.19	6574	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:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LI  
 Test Date:2020-06-01

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.1DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4589]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

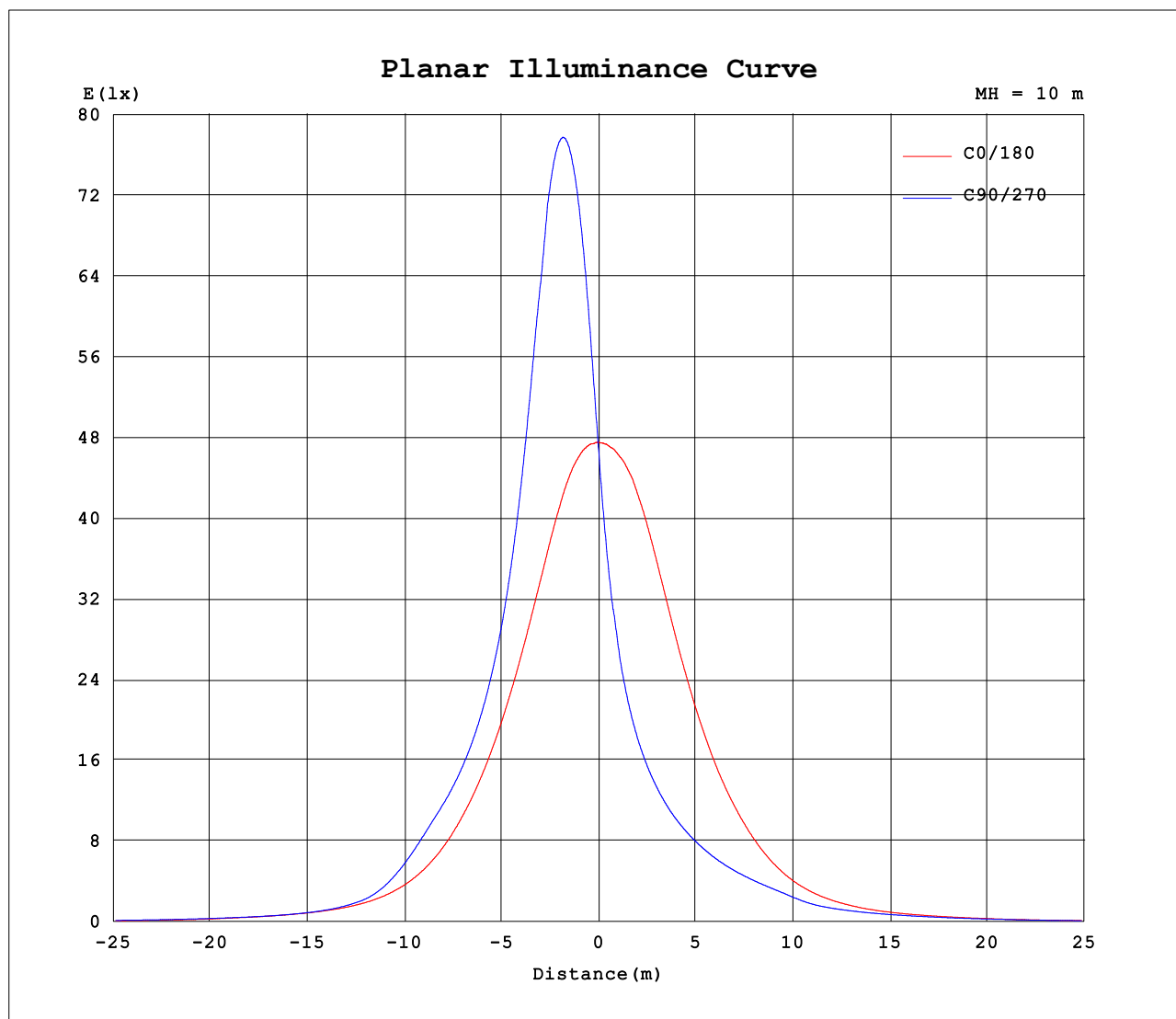
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LI  
Test Date:2020-06-01

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.1DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:26.000m [K=0.4589]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LI  
Test Date: 2020-06-01

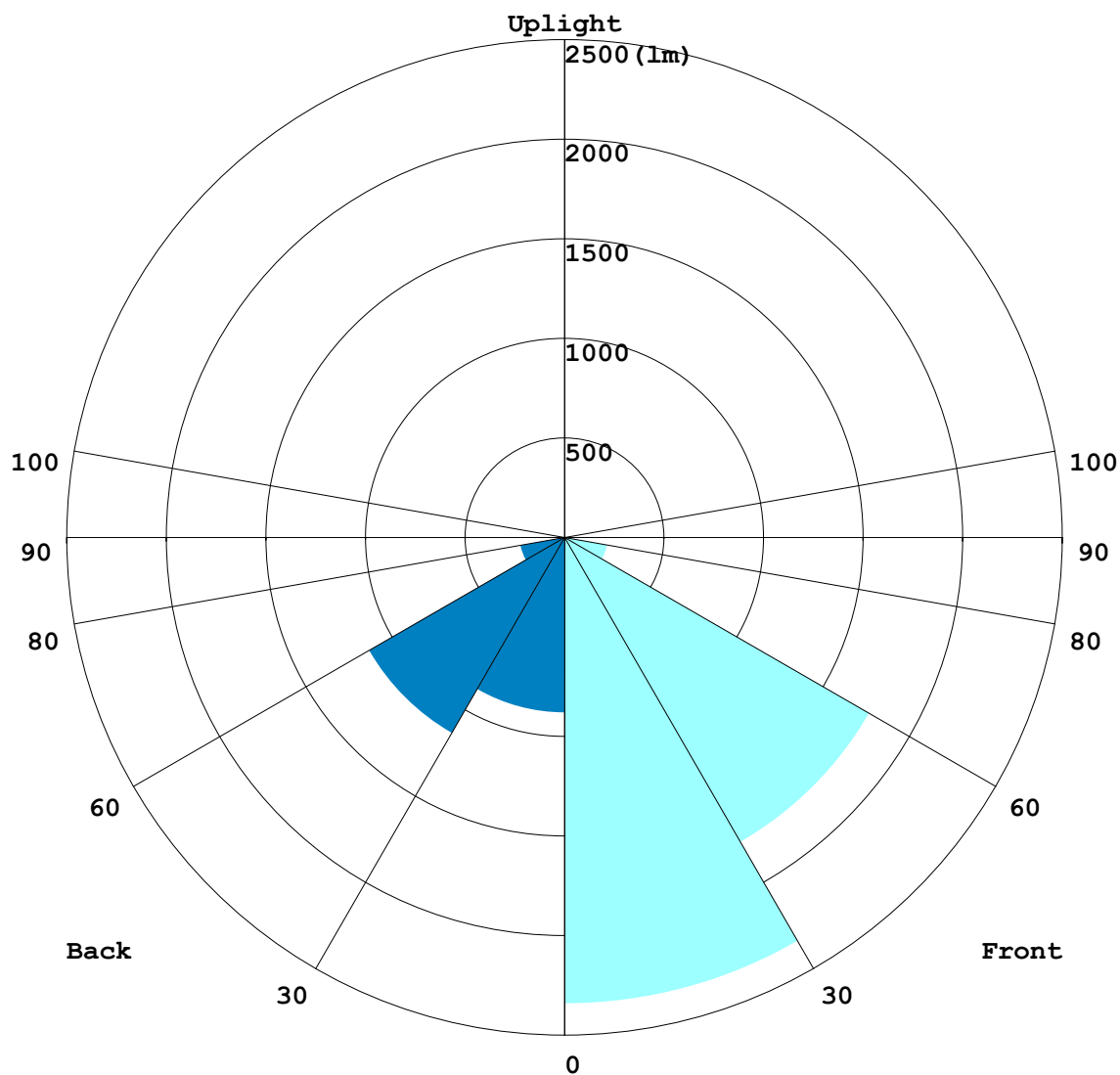
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.1DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.4589]  
Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LCS REPORT

Test:U:229.7V I:0.2474A P:54.59W PF:0.9606 Freq:50.01Hz UTHDi:0.3110% ITHDi:7.442% Lamp Flux:6574.35x1 lm		
NAME: FL23-050-5070-F06403	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:LI  
 Test Date:2020-06-01

γ Range: 0 - 90DEG  
 γ Interval: 0.1DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4589]  
 Remarks:

# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## BUG REPORT

Test:U:229.7V I:0.2474A P:54.59W PF:0.9606 Freq:50.01Hz UTHDi:0.3110% ITHDi:7.442% Lamp Flux:6574.35x1 lm		
NAME: FL23-050-5070-F06403	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2339.6	35.6
FM - Front-Medium(30-60)	1765.9	26.9
FH - Front-High(60-80)	217.18	3.3
FVH - Front-Very High(80-90)	6.0027	0.1
Total Forward Light	4328.6	65.8

BL - Back-Low(0-30)	878.68	13.4
BM - Back-Medium(30-60)	1134.3	17.3
BH - Back-High(60-80)	225.59	3.4
BVH - Back-Very High(80-90)	7.1887	0.1
Total Back Light	2245.7	34.2

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	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2245.7	0	2245.7
Street Side	4328.6	0	4328.6

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LI  
 Test Date:2020-06-01

γ Range: 0 - 90DEG  
 γ Interval: 0.1DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4589]  
 Remarks:

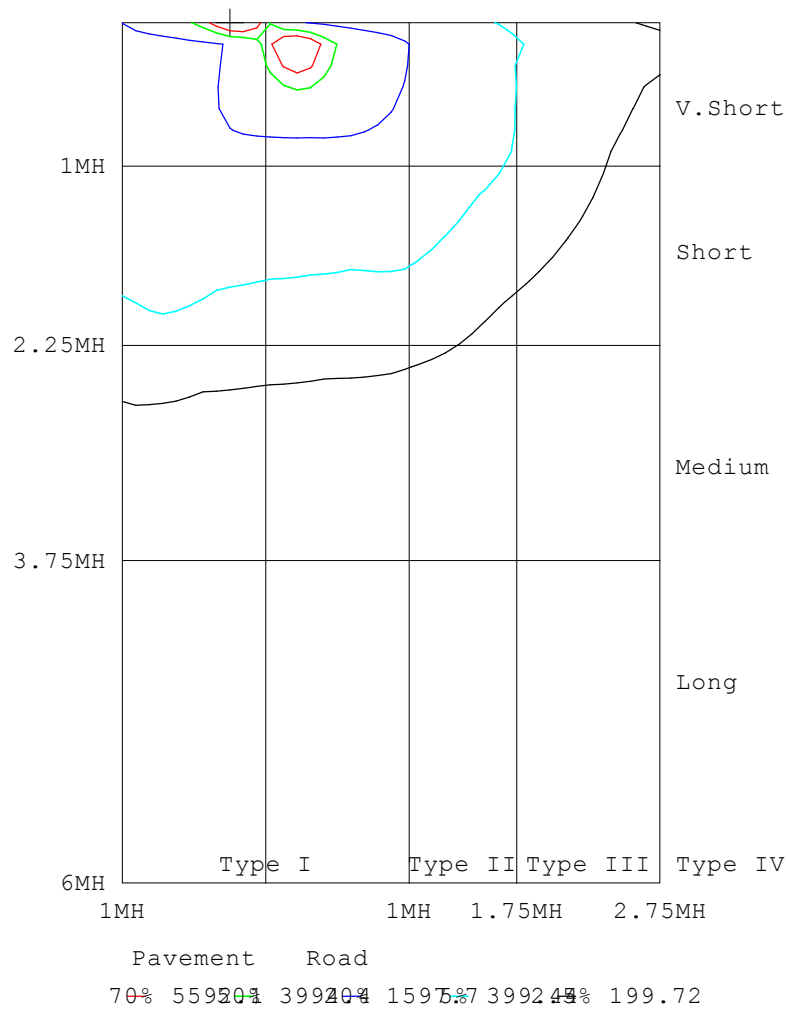


# EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## ROAD ISOCANDELA REPORT

Test:U:229.7V I:0.2474A P:54.59W PF:0.9606 Freq:50.01Hz UTHDi:0.3110% ITHDi:7.442% Lamp Flux:6574.35x1 lm		
NAME: FL23-050-5070-F06403	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:LI  
 Test Date:2020-06-01

γ Range: 0 - 90DEG  
 γ Interval: 0.1DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.4589]  
 Remarks: