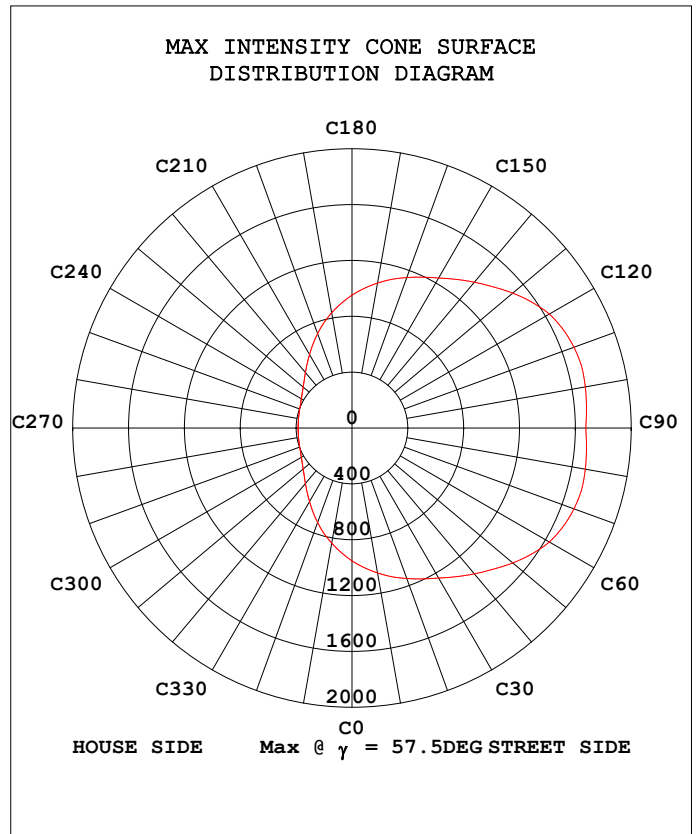
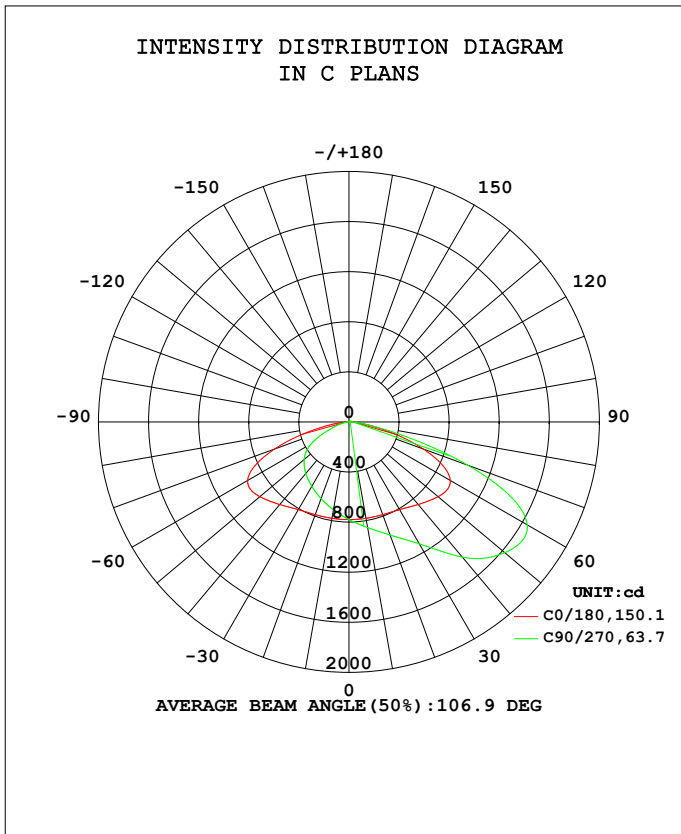


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4177.15x1 lm		
NAME: ST10-030-UD-3070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

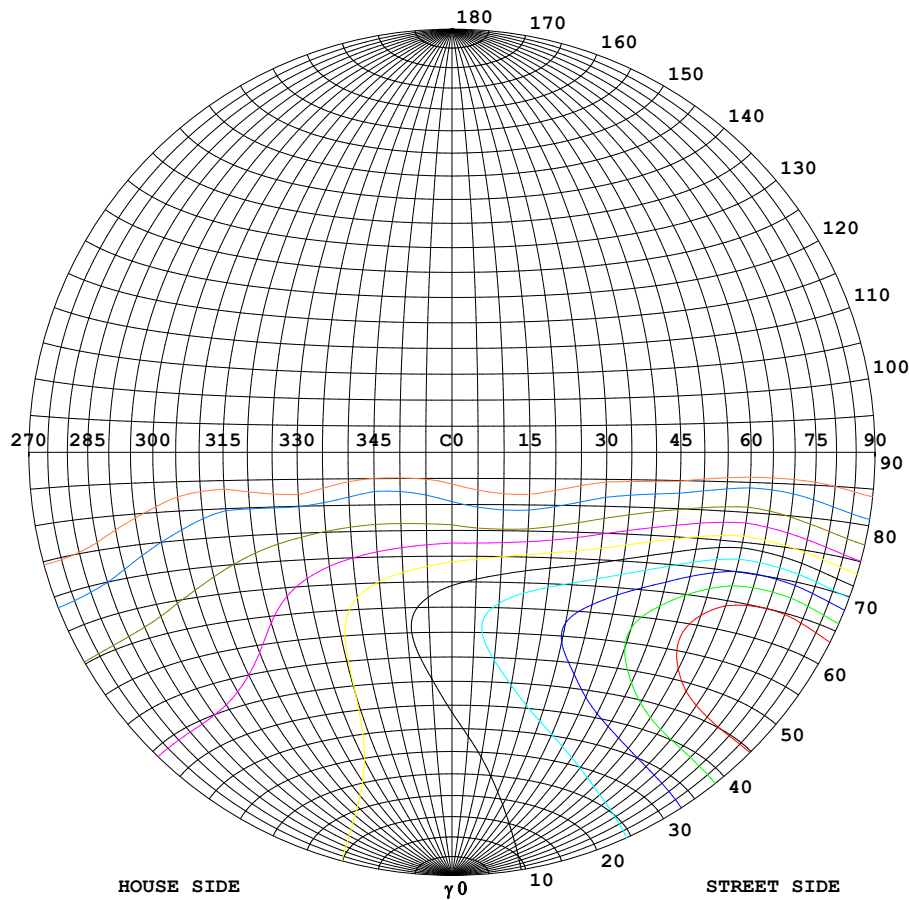
DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.24 lm/W			
MODEL	/	I _{max} (cd)	1703	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	67.2
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	4177	η house_up (%)	0.0
NOMINAL FLUX (lm)	4177.15	MAXIMUM @ (C, γ)	75,57.5	η house_down (%)	32.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

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=0.0446]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

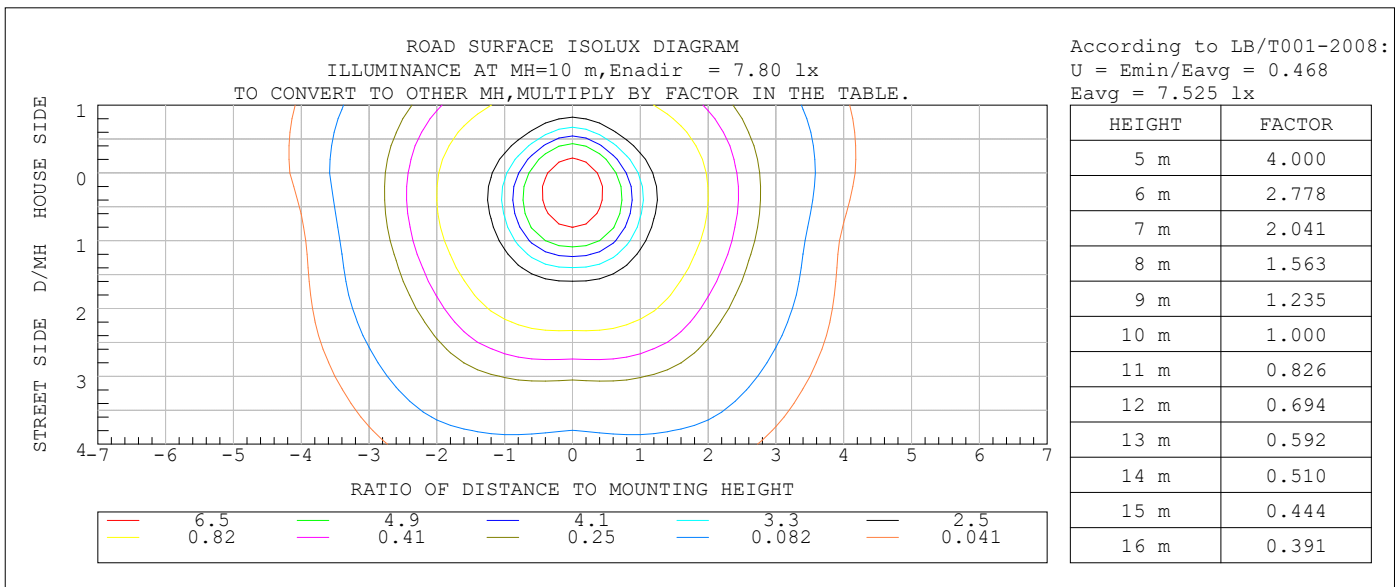
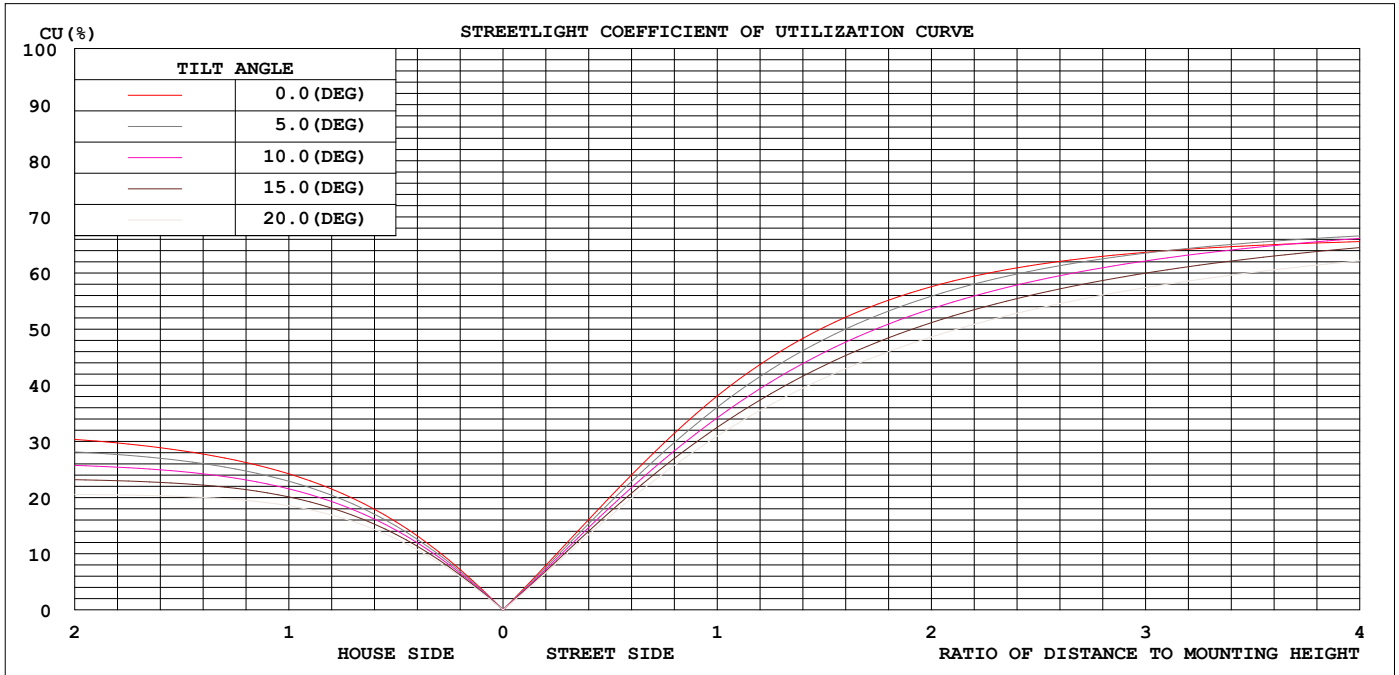
IES:Type IV - Very Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:94.03cd/klm
 Max.At90:0.0956cd/klm
 Max.80-90:94.03cd/klm
 NRB 5101:Limited[9.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1703
90%	1532
80%	1362
70%	1192
60%	1022
50%	851
40%	681
30%	511
20%	341
10%	170
5%	85

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

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=0.0446]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: LYJ
 Test Date: 2022-05-04

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=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

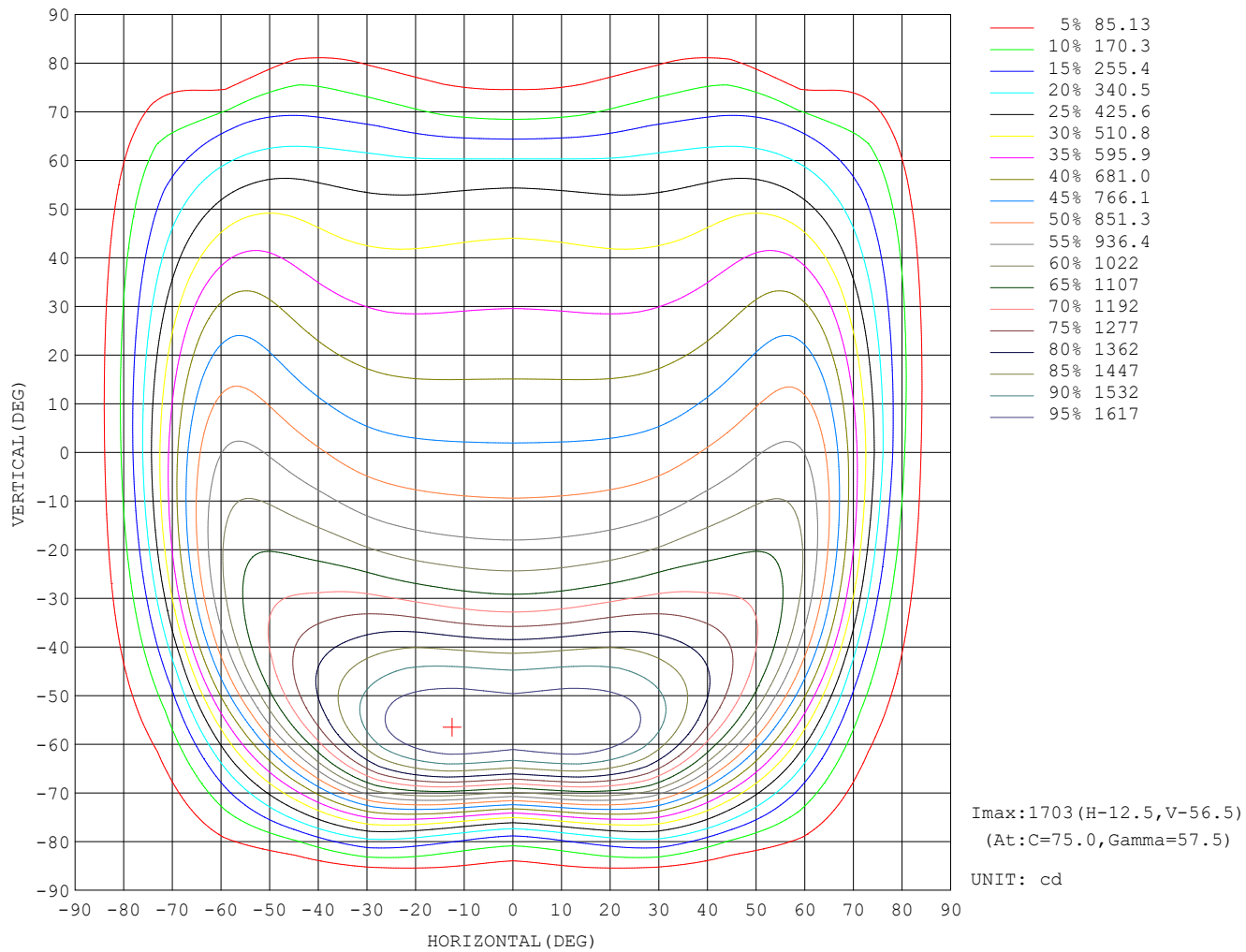
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	781.3	834.0	856.3	834.0	781.3	731.7	712.7	731.7	0- 10	74.57	74.57	1.79,1.79
20	787.8	907.8	960.4	907.8	787.8	684.3	651.1	684.3	10- 20	223.7	298.3	7.14,7.14
30	808.5	1024	1124	1024	808.5	635.1	593.4	635.1	20- 30	376.2	674.5	16.1,16.1
40	860.8	1218	1409	1218	860.8	585.4	536.2	585.4	30- 40	546.1	1221	29.2,29.2
50	928.8	1391	1624	1391	928.8	532.5	466.6	532.5	40- 50	734.8	1955	46.8,46.8
60	934.0	1408	1644	1408	934.0	464.0	345.8	464.0	50- 60	880.4	2836	67.9,67.9
70	631.2	1001	1008	1001	631.2	341.0	143.5	341.0	60- 70	828.3	3664	87.7,87.7
80	187.1	332.1	202.3	332.1	187.1	163.0	38.48	163.0	70- 80	434.4	4099	98.1,98.1
90	0.2288	0.1328	0.0937	0.1328	0.2288	0.3734	0.3643	0.3734	80- 90	78.63	4177	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: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

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=0.0446]
 Remarks:

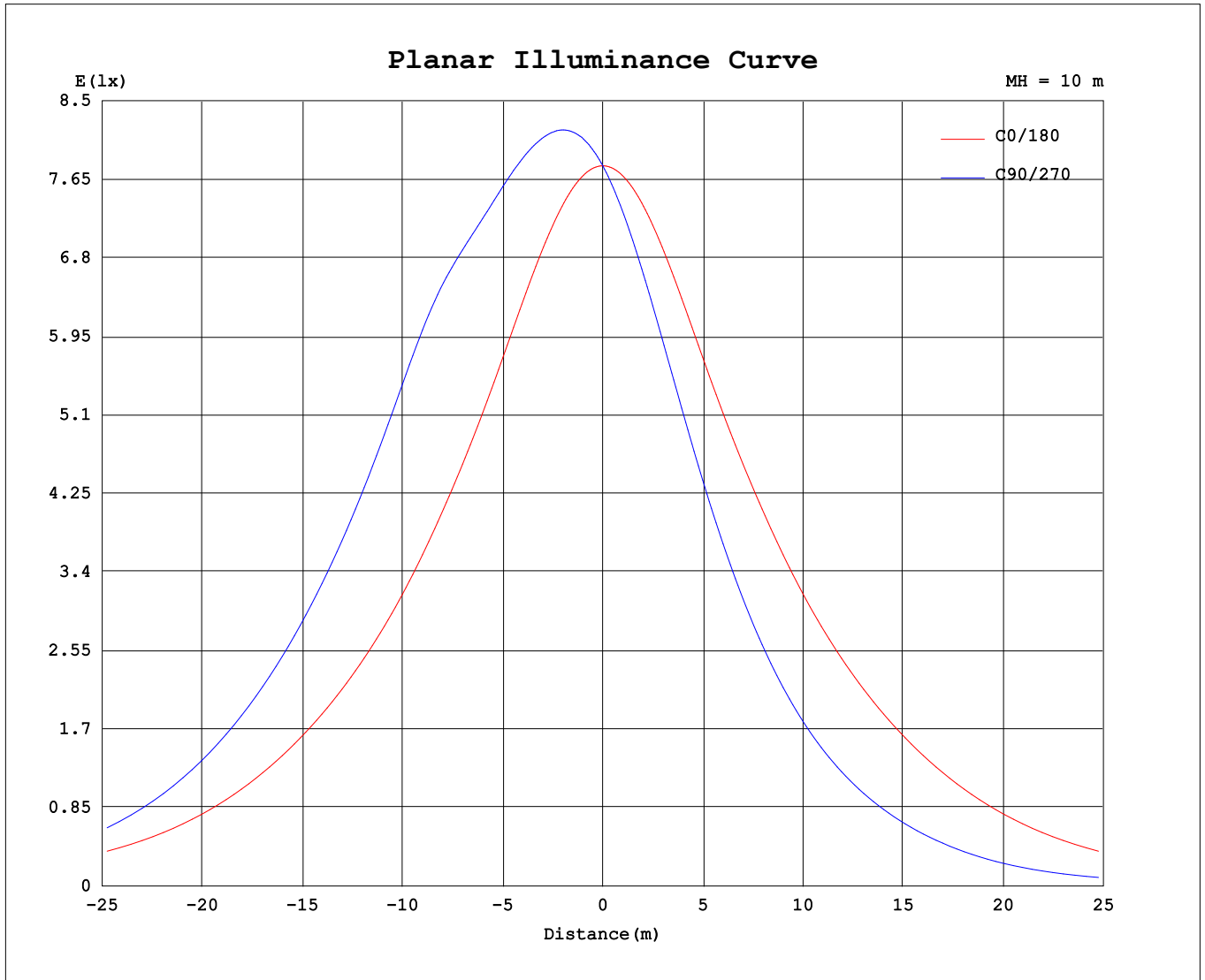
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

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=0.0446]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-05-04

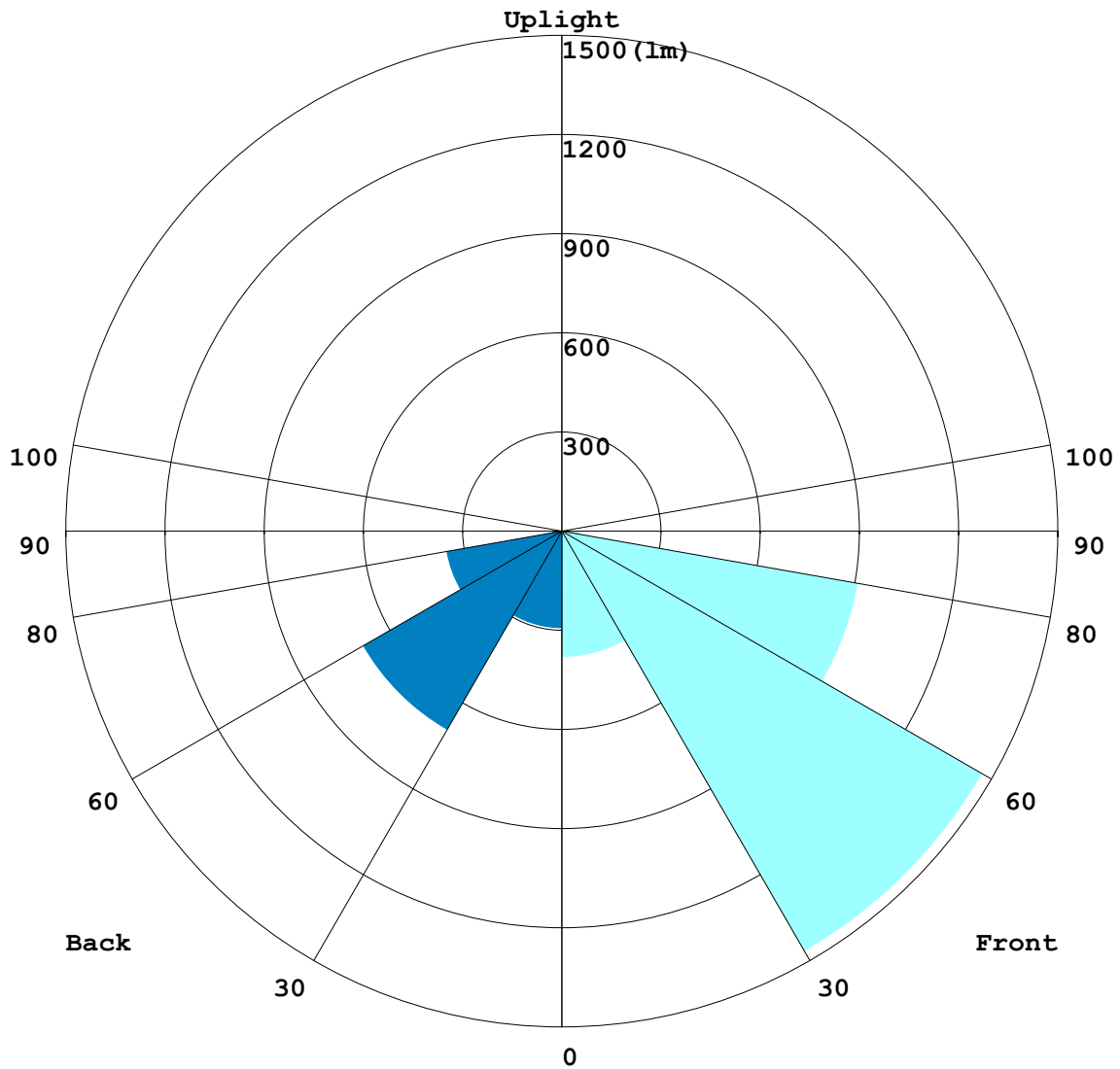
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4177.15x1 lm		
NAME: ST10-030-UD-3070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

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=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4177.15x1 lm		
NAME: ST10-030-UD-3070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	380.84	9.1
FM - Front-Medium(30-60)	1467.1	35.1
FH - Front-High(60-80)	908.45	21.7
FVH - Front-Very High(80-90)	50.691	1.2
Total Forward Light	2807.1	67.2

BL - Back-Low(0-30)	293.62	7.0
BM - Back-Medium(30-60)	694.23	16.6
BH - Back-High(60-80)	354.25	8.5
BVH - Back-Very High(80-90)	27.939	0.7
Total Back Light	1370	32.8

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1370	0	1370
Street Side	2807.1	0	2807.1

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

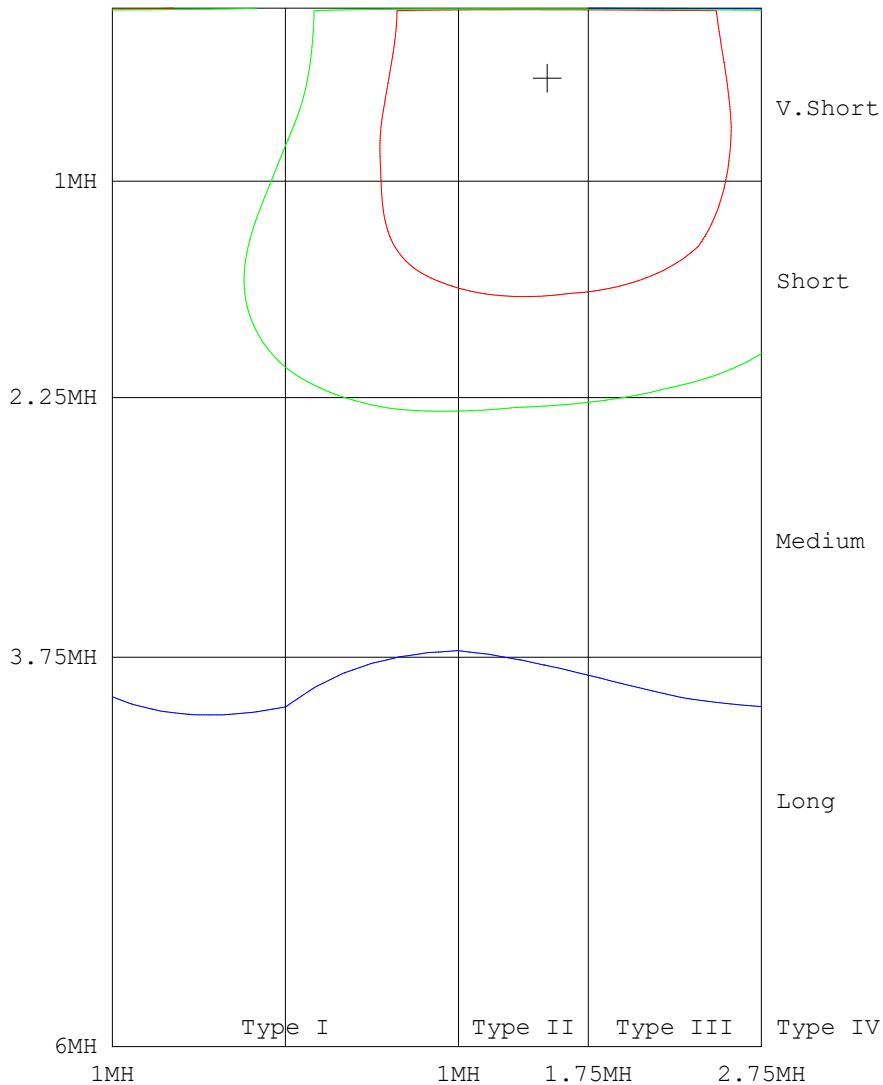
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4177.15x1 lm		
NAME: ST10-030-UD-3070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	Pavement: 91.9	Road: 89.1	Range: 340.54	90DEG	2.5%	42.568
C Interval: 2.5DEG	50%	85%	5%	85%	135%	
Test Speed: HIGH	γ Interval: 0.5DEG					
Temperature: 25.3°C	Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446					
Operators: LYJ	Humidity: 65.0%					
Test Date: 2022-05-04	Test Distance: 26.000m [K=0.0446]					
	Remarks:					

