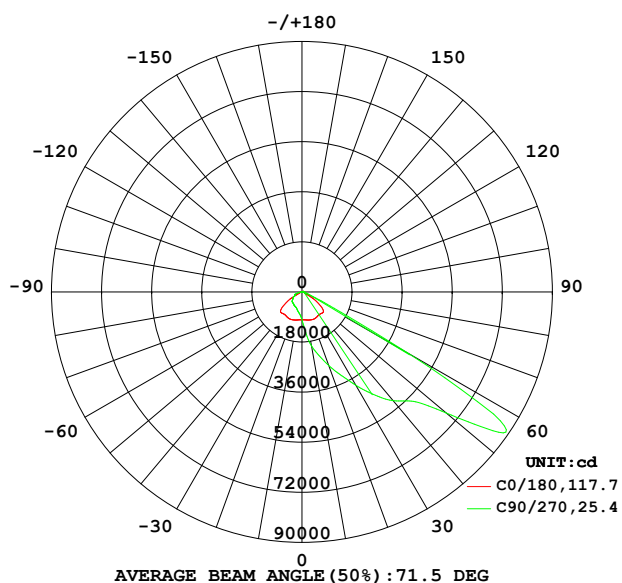


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

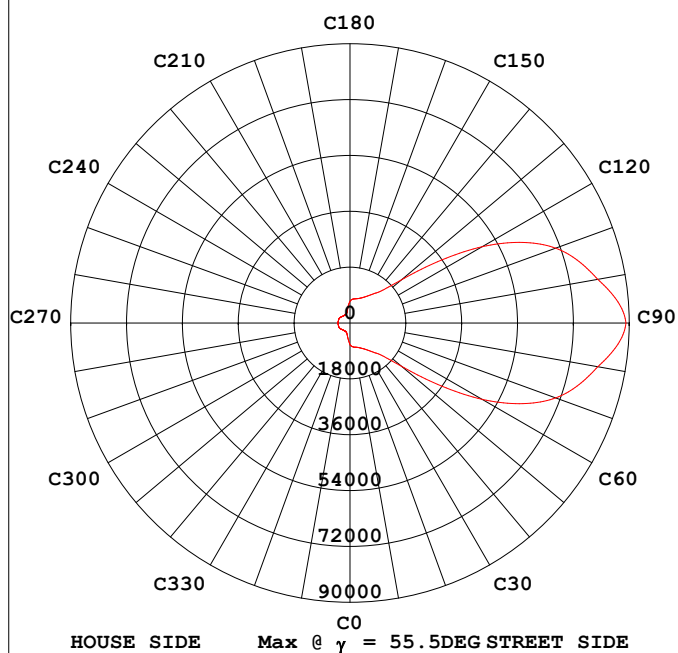
STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.141A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:62576.2x1 lm		
NAME: SP04-480-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.37 lm/W			
MODEL	/	I _{max} (cd)	88918	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	84.0
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	62576	η house_up (%)	0.0
NOMINAL FLUX (lm)	62576.2	MAXIMUM @ (C, γ)	90,55.5	η house_down (%)	16.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

AVERAGE BEAM ANGLE (50%): 71.5 DEG

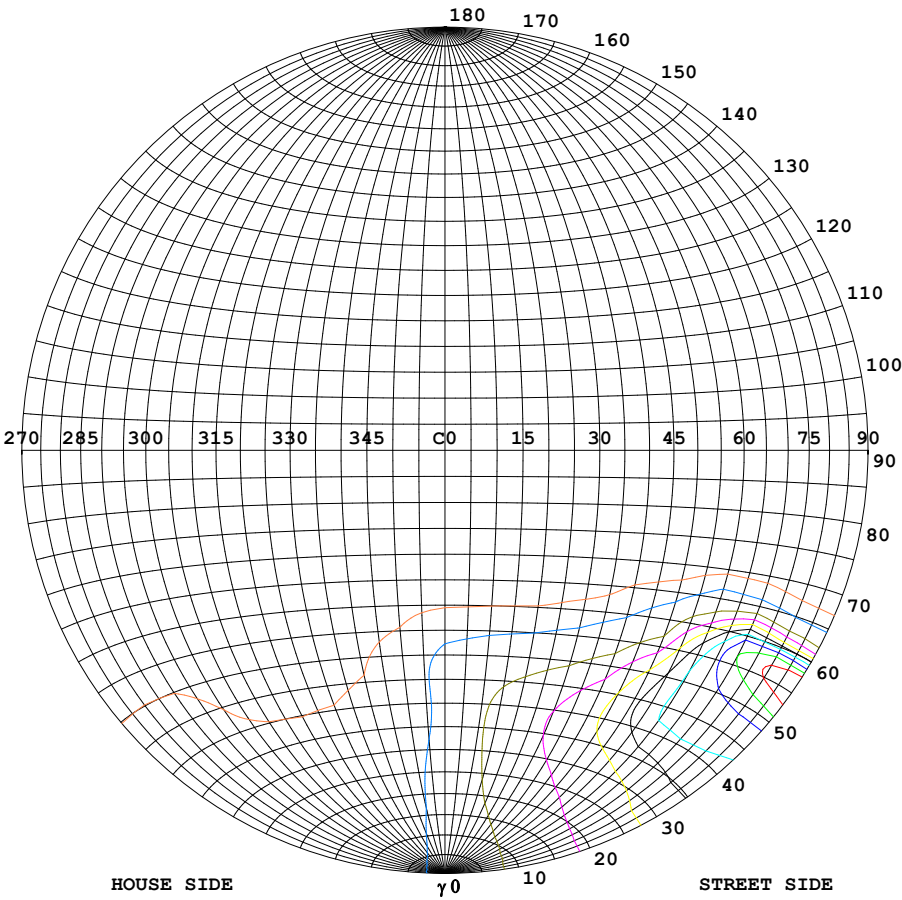
MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

HOUSE SIDE Max @ γ = 55.5DEG STREET SIDE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-04-13

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

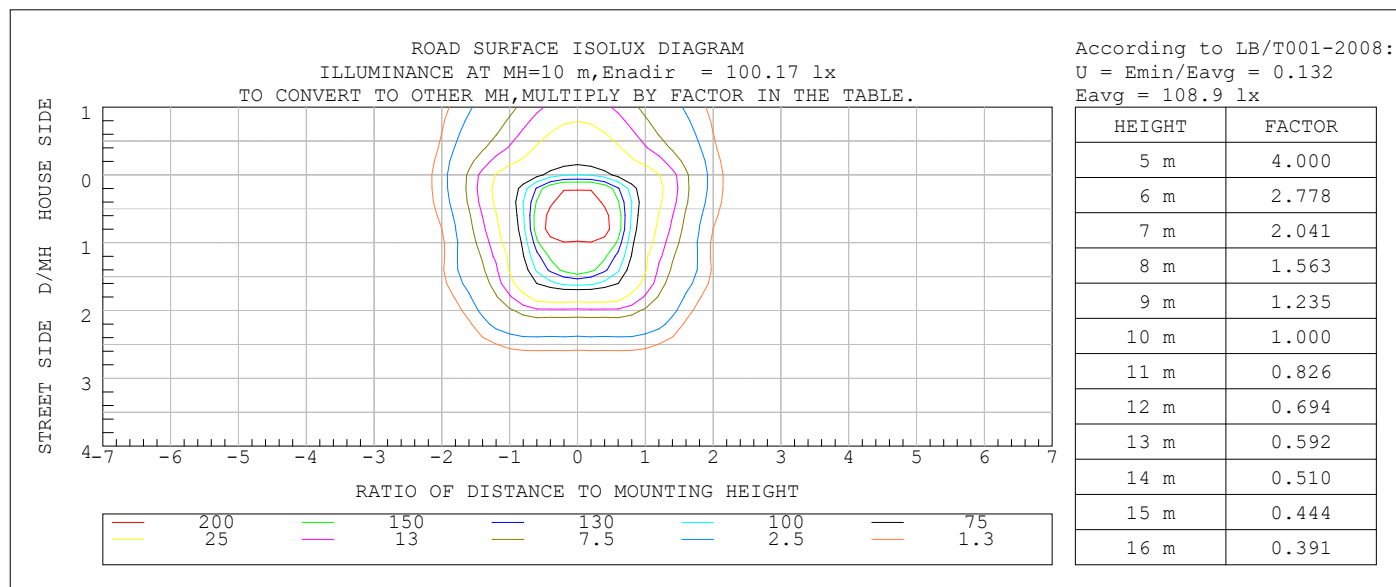


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:14.62cd/klm
Max.At90:0cd/klm
Max.80-90:14.62cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		88918
	90%	80027
	80%	71135
	70%	62243
	60%	53351
	50%	44459
	40%	35567
	30%	26676
	20%	17784
	10%	8892
	5%	4446

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-13

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:

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: 2023-04-13

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

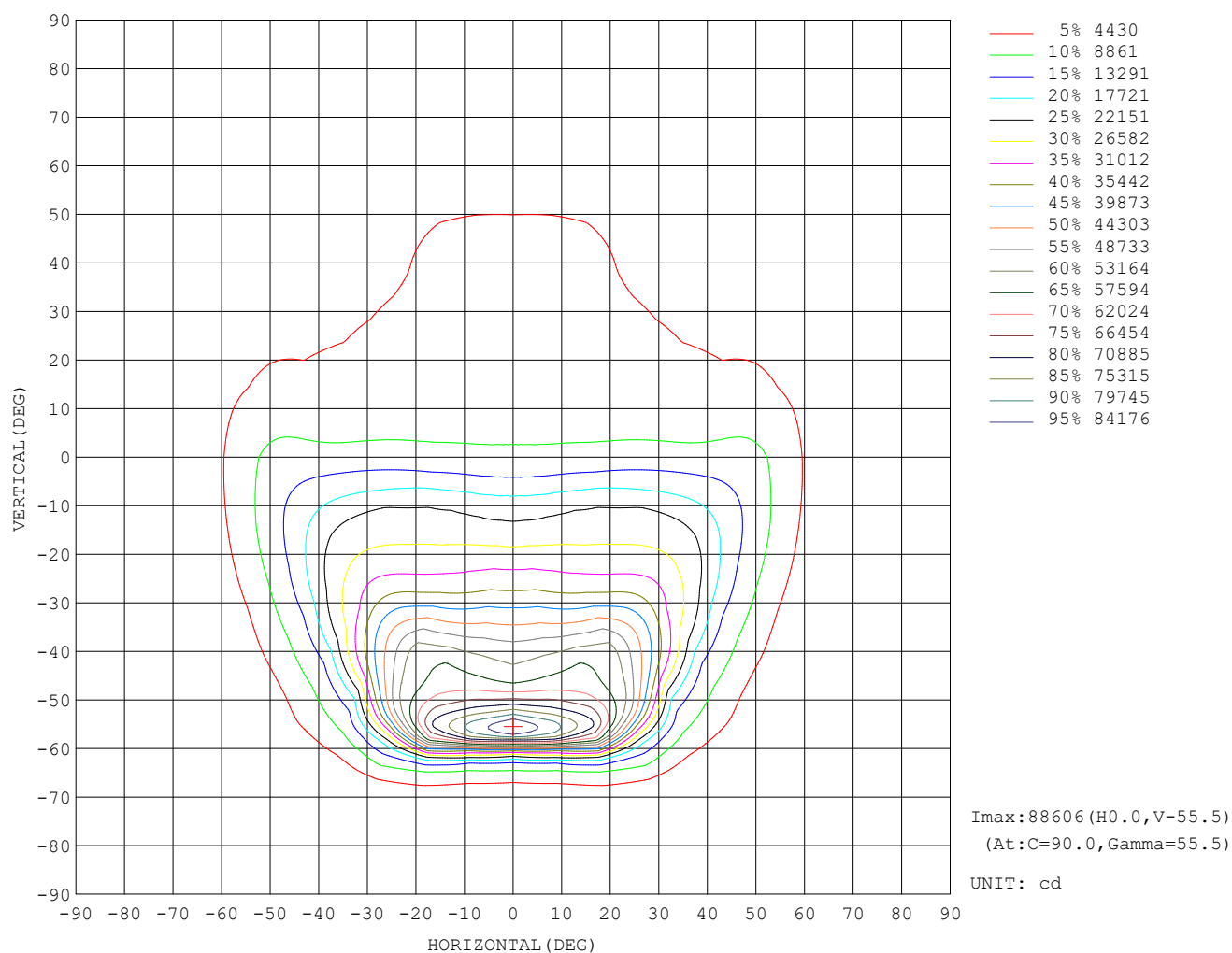
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1024	1718	1966	1718	1024	773.1	733.1	773.1	0- 10	1068	1068	1.71,1.71
20	1061	2450	2812	2450	1061	640.5	602.5	640.5	10- 20	3882	4949	7.91,7.91
30	1051	2936	3872	2936	1051	525.0	559.9	525.0	20- 30	7443	12393	19.8,19.8
40	1030	3696	5098	3696	1030	444.6	511.6	444.6	30- 40	11937	24330	38.9,38.9
50	986.4	2966	6767	2966	986.4	370.3	442.8	370.3	40- 50	16035	40365	64.5,64.5
60	397.8	1048	4370	1048	397.8	269.4	333.7	269.4	50- 60	16352	56717	90.6,90.6
70	107.9	171.3	193.5	171.3	107.9	124.7	270.1	124.7	60- 70	4936	61653	98.5,98.5
80	27.05	1.446	0.8980	1.446	27.05	32.58	74.15	32.58	70- 80	828.0	62481	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	95.62	62576	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:25.3°C
 Operators:LYJ
 Test Date:2023-04-13

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:

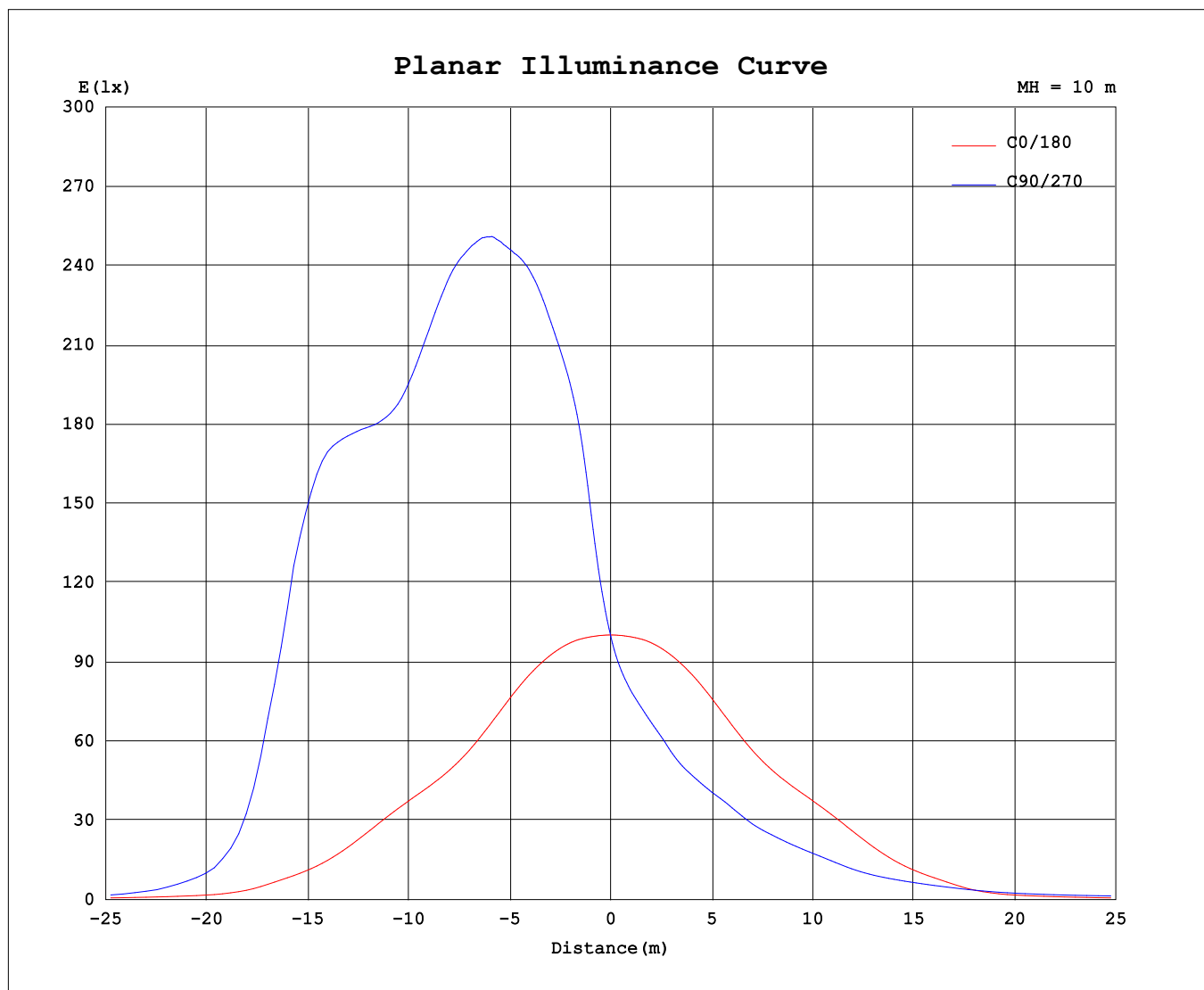
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-04-13

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-04-13

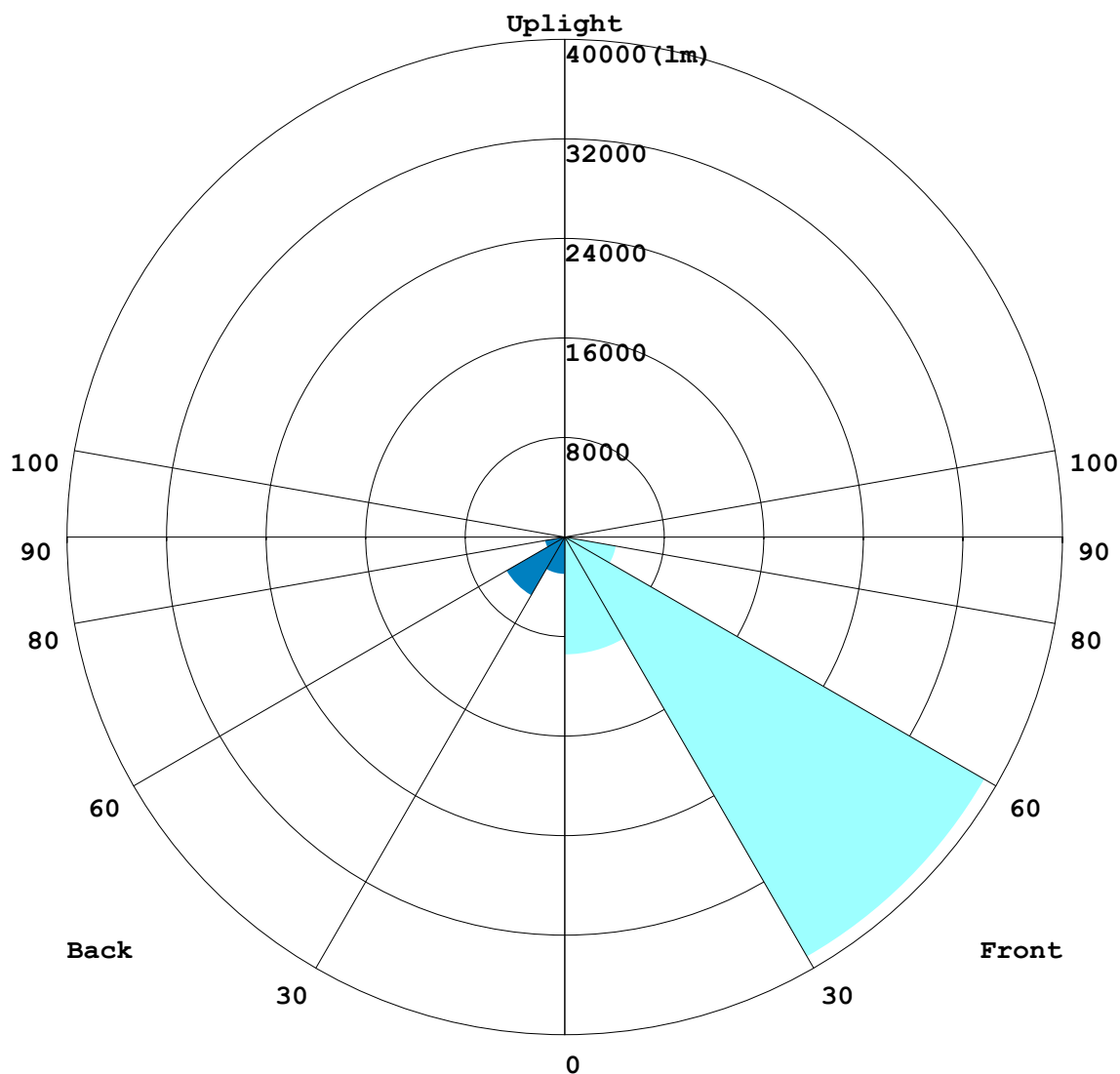
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.141A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:62576.2x1 lm		
NAME: SP04-480-5770-F04013-L39	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:2023-04-13

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:2.141A P:480.0W PF:0.975 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:62576.2x1 lm		
NAME: SP04-480-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	9430.7	15.1
FM - Front-Medium(30-60)	38931	62.2
FH - Front-High(60-80)	4163.8	6.7
FVH - Front-Very High(80-90)	11.373	0.0
Total Forward Light	52537	84.0

BL - Back-Low(0-30)	2961.8	4.7
BM - Back-Medium(30-60)	5393.2	8.6
BH - Back-High(60-80)	1599.7	2.6
BVH - Back-Very High(80-90)	84.252	0.1
Total Back Light	10039	16.0

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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10039	0	10039
Street Side	52537	0	52537

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-13

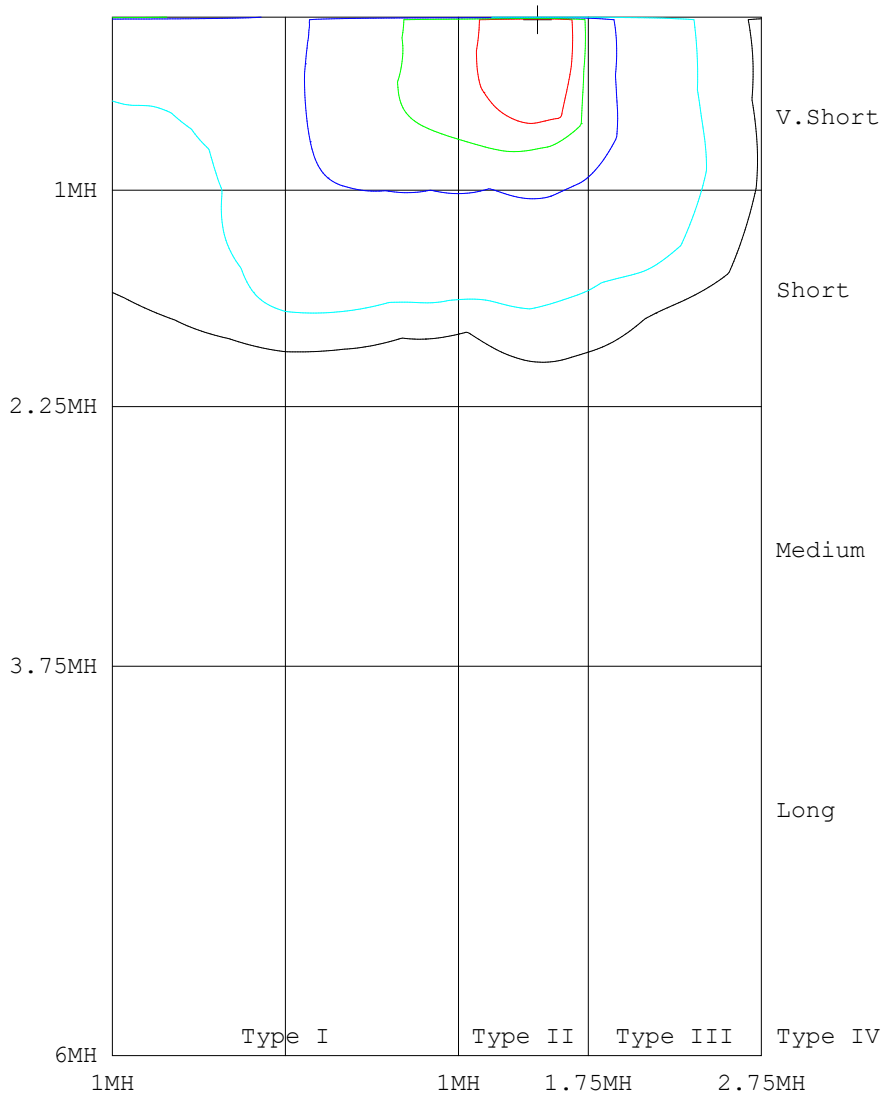
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.141A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:62576.2x1 lm		
NAME: SP04-480-5770-F04013-L39	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:25.3℃
Operators:LYJ
Test Date:2023-04-13

Pavement 70% 61.732
Road 30% 40.94
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-13

Y Range: 17038 - 90DEG
Y Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: