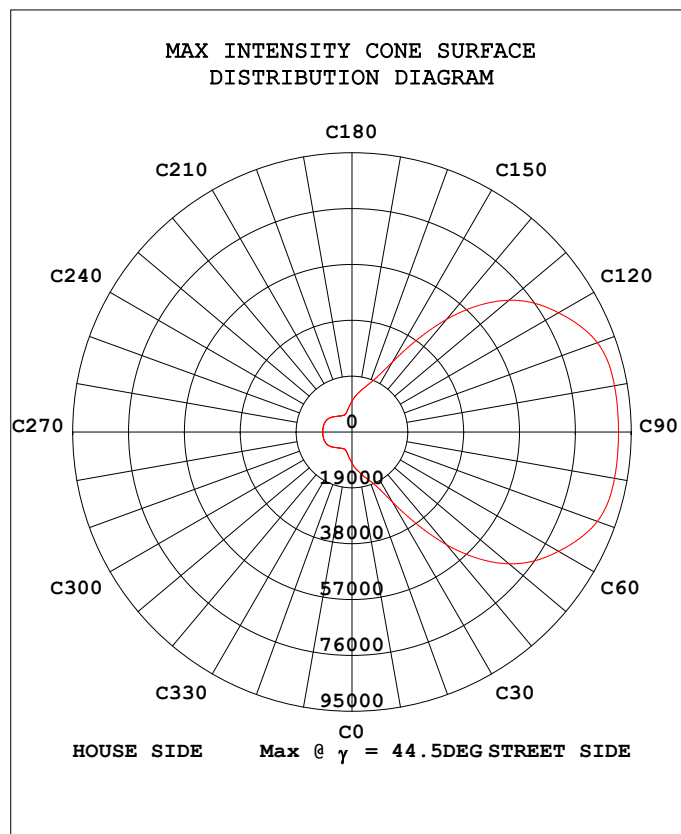
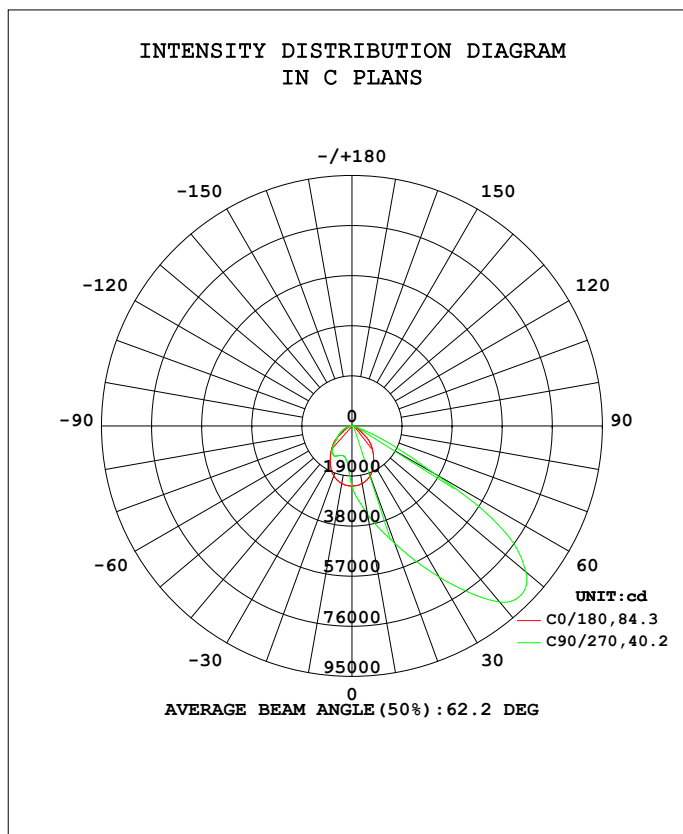


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:88849.8x1 lm		
NAME: SP04-600-5770-F04001Z-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

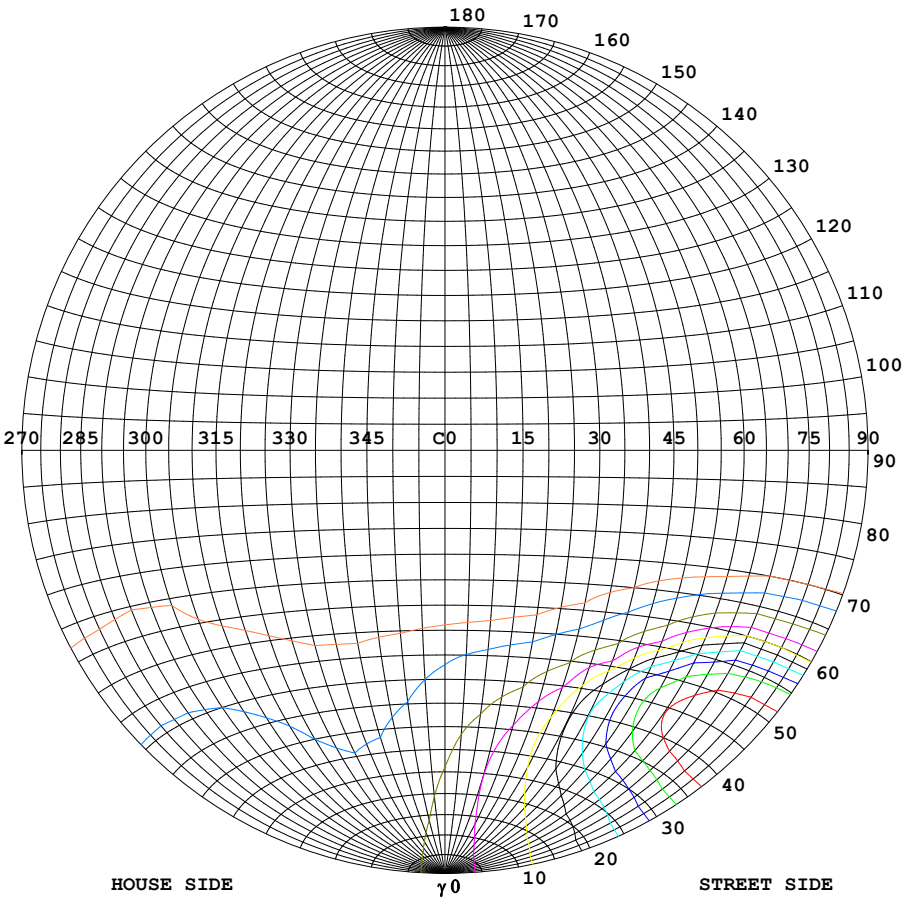
DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.08 lm/W			
MODEL	/	I _{max} (cd)	90676	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	81.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	88850	η house_up (%)	0.0
NOMINAL FLUX (lm)	88849.8	MAXIMUM @ (C, γ)	100,44.5	η house_down (%)	18.9
LAMPS INSIDE	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°C
Operators: LYJ
Test Date: 2023-04-20

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

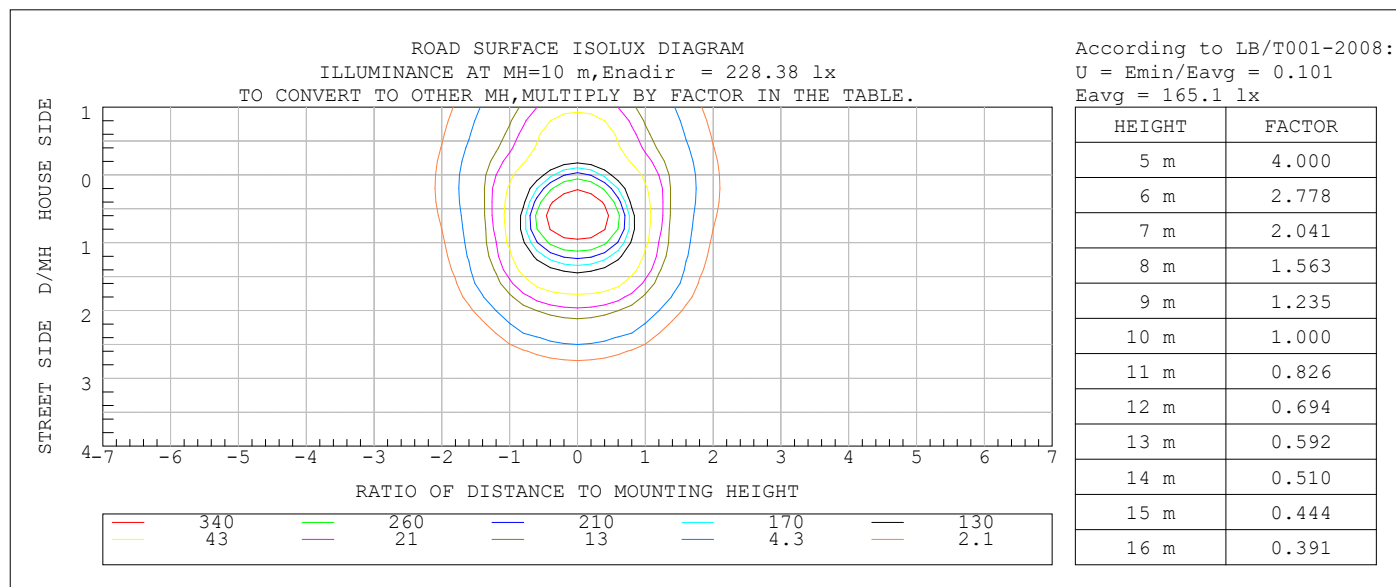
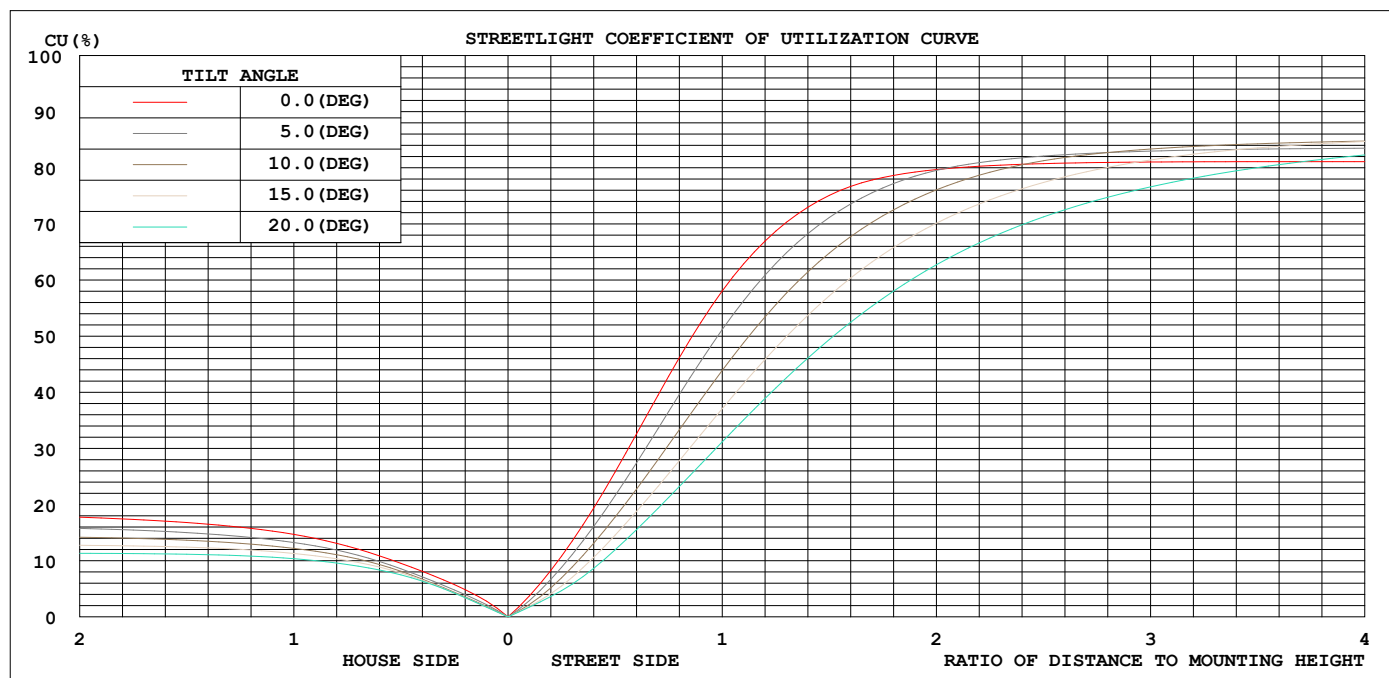


Classification:
IES:Type II - Very Short
CIE:Average - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:10.86cd/klm
Max.At90:0cd/klm
Max.80-90:10.86cd/klm
NRB 5101:Limited[1.2%]

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		90676
— 90%		81608
— 80%		72541
— 70%		63473
— 60%		54406
— 50%		45338
— 40%		36270
— 30%		27203
— 20%		18135
— 10%		9068
— 5%		4534

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-20

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: 2023-04-20

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

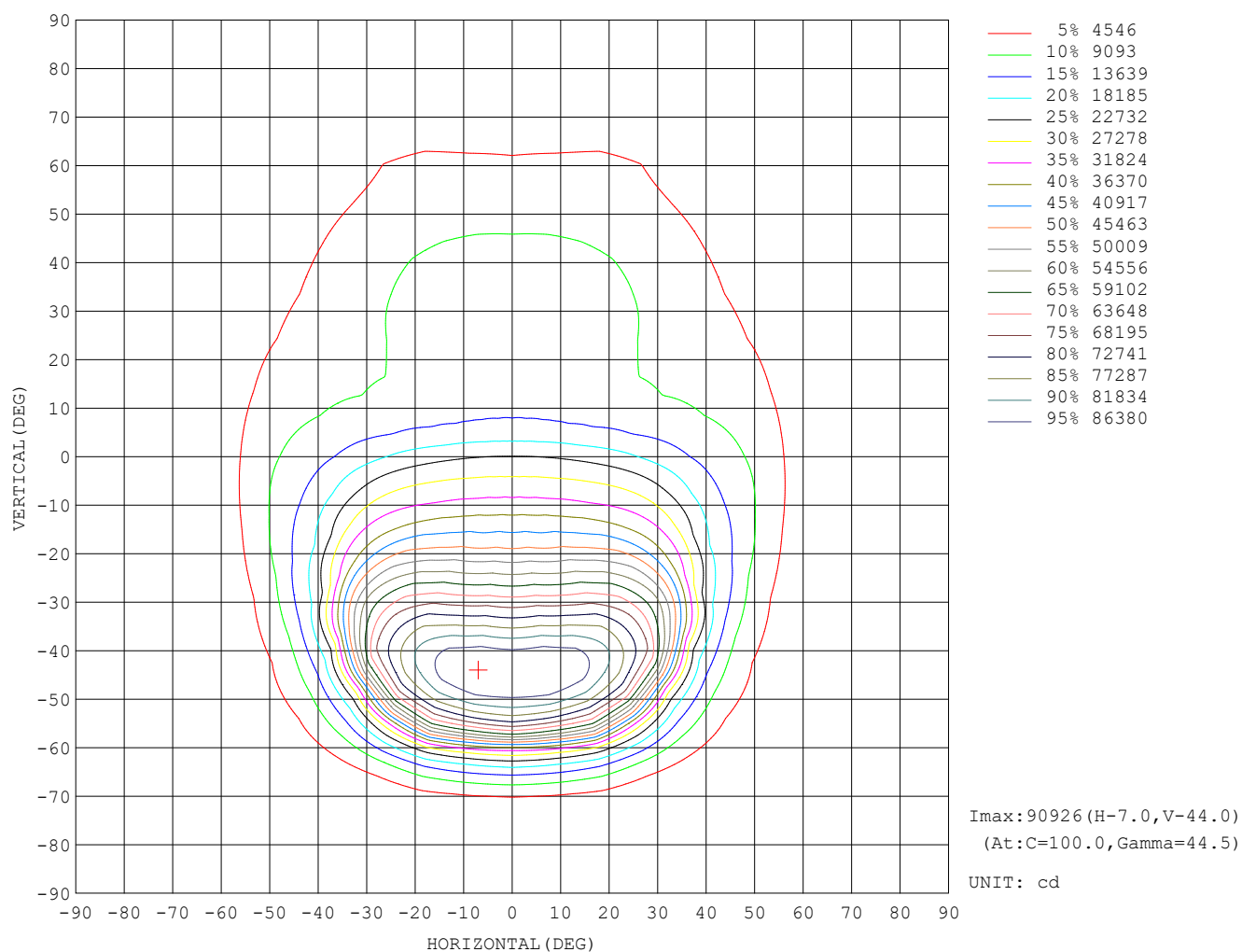
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2219	3012	3396	3012	2219	1397	1287	1397	0- 10	2128	2128	2.4,2.4
20	2016	3891	4729	3891	2016	1091	1195	1091	10- 20	6673	8802	9.91,9.91
30	1641	5088	6616	5088	1641	1001	1321	1001	20- 30	12503	21304	24,24
40	1225	6110	8717	6110	1225	876.7	1173	876.7	30- 40	19606	40910	46,46
50	807.6	4584	8609	4584	807.6	612.7	752.2	612.7	40- 50	23643	64553	72.7,72.7
60	340.3	1283	3610	1283	340.3	402.0	505.1	402.0	50- 60	17092	81645	91.9,91.9
70	173.5	249.2	480.1	249.2	173.5	201.0	296.9	201.0	60- 70	5794	87439	98.4,98.4
80	48.48	2.802	1.386	2.802	48.48	58.70	95.47	58.70	70- 80	1263	88702	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	148.2	88850	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:2023-04-20

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:

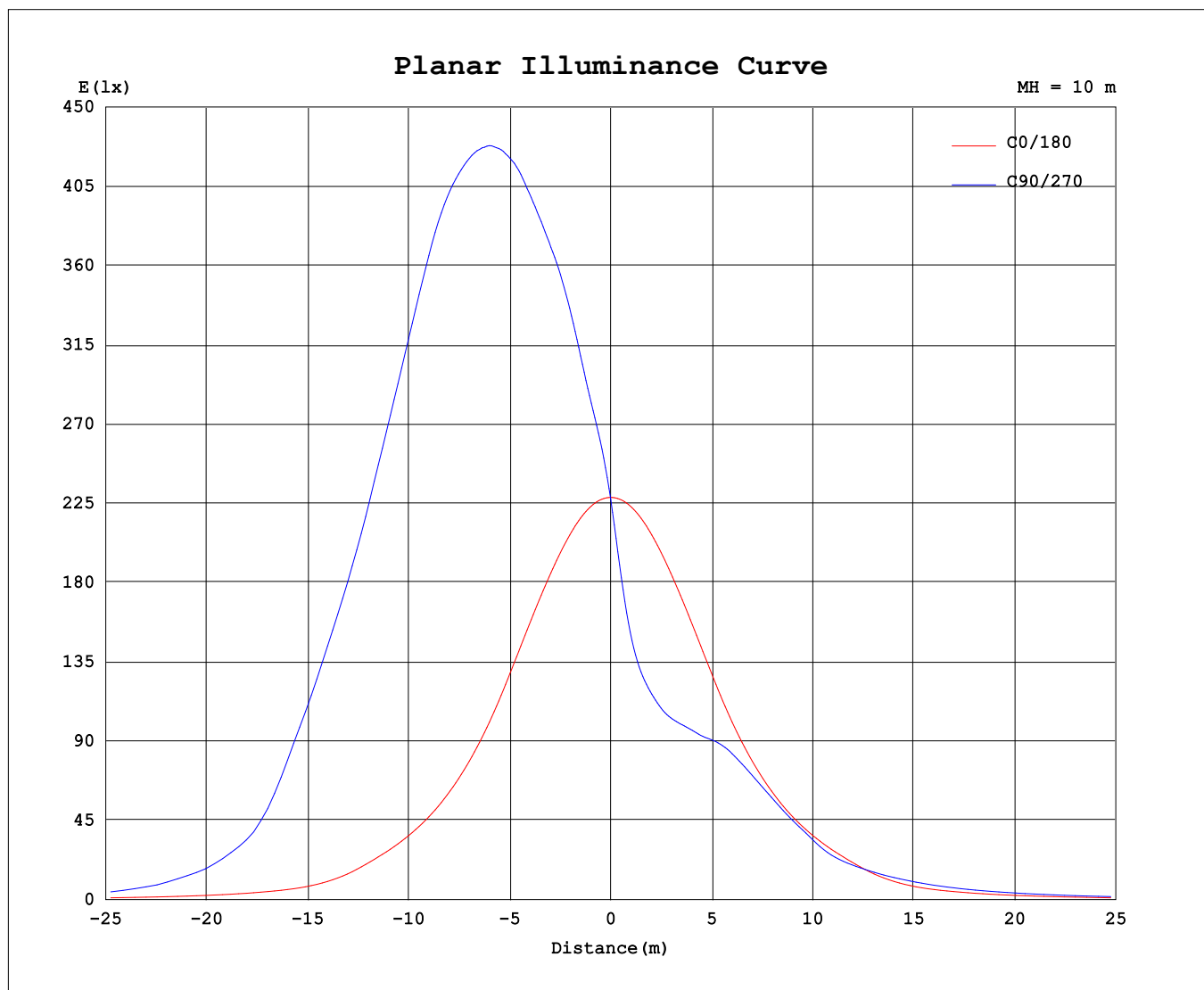
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-04-20

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: 2023-04-20

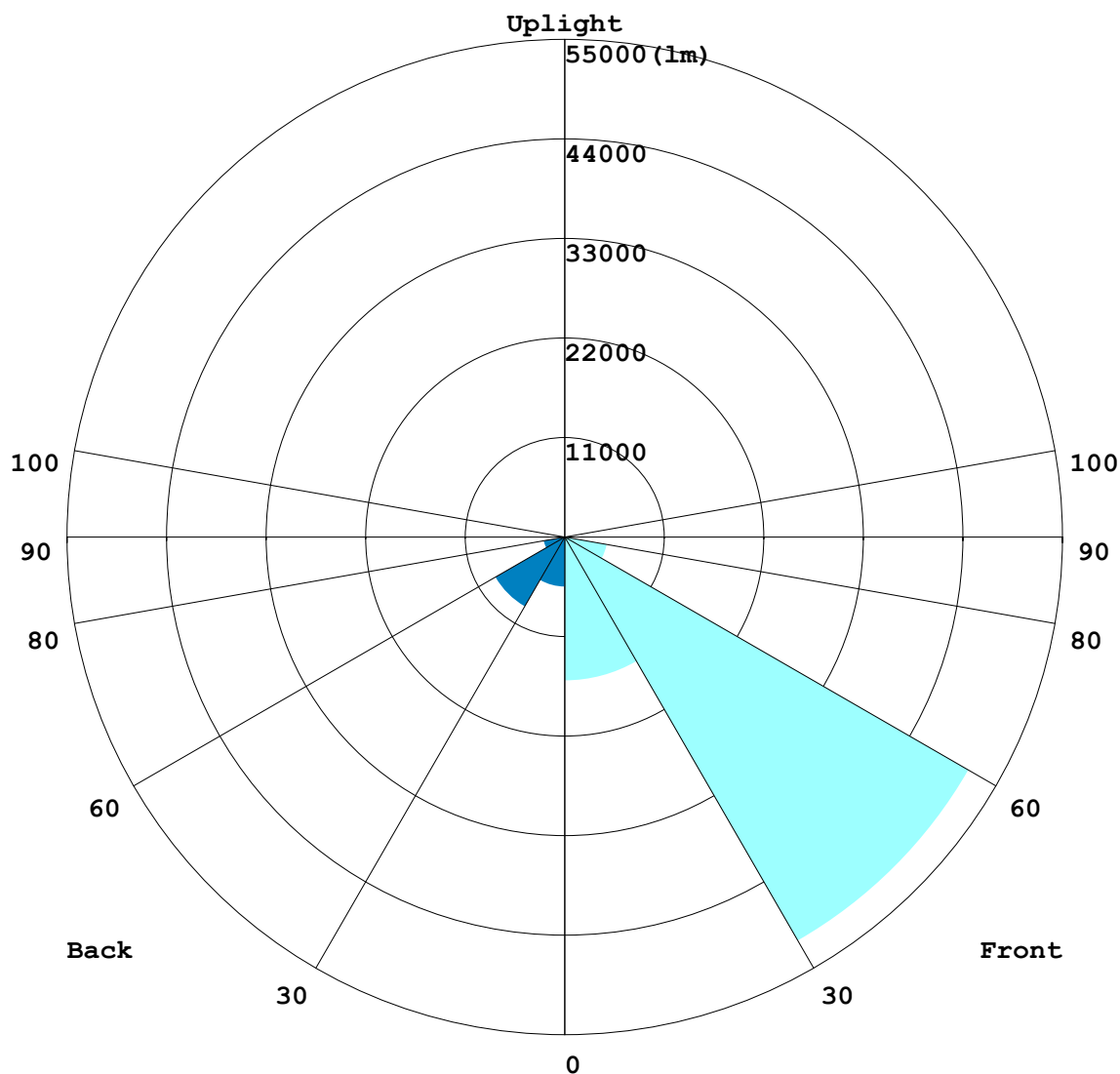
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:88849.8x1 lm		
NAME: SP04-600-5770-F04001Z-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℃
 Operators:LYJ
 Test Date:2023-04-20

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:2.665A P:600.0W PF:0.979 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:88849.8x1 lm		
NAME: SP04-600-5770-F04001Z-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	15838	17.8
FM - Front-Medium(30-60)	51494	58.0
FH - Front-High(60-80)	4704.7	5.3
FVH - Front-Very High(80-90)	19.993	0.0
Total Forward Light	72056	81.1

BL - Back-Low(0-30)	5466.2	6.2
BM - Back-Medium(30-60)	8847	10.0
BH - Back-High(60-80)	2351.9	2.6
BVH - Back-Very High(80-90)	128.24	0.1
Total Back Light	16793	18.9

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16793	0	16793
Street Side	72056	0	72056

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-20

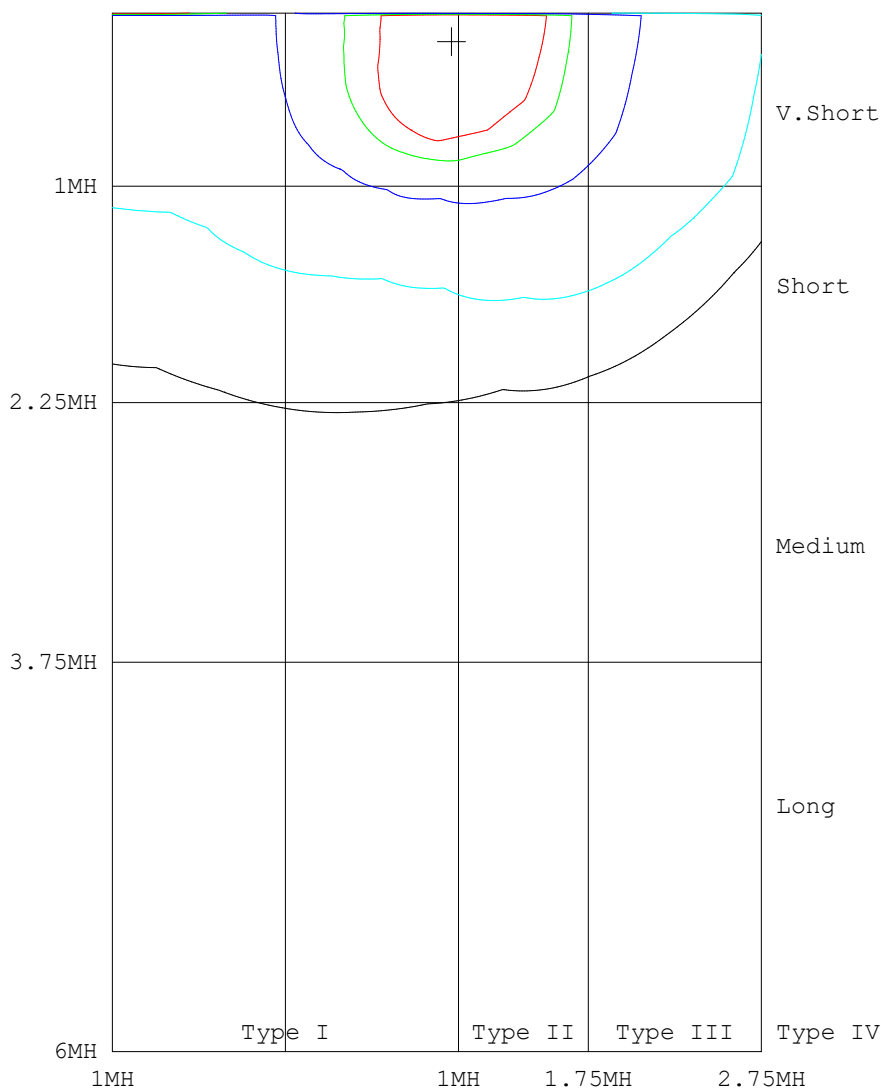
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:88849.8x1 lm		
NAME: SP04-600-5770-F04001Z-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°C Operators:LYJ Test Date:2023-04-20

Pavement 70% 63.638 50% 46.456 2.5% 2272.8

Road 70% 63.638 50% 46.456 2.5% 2272.8

γ Range: 180DEG 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: