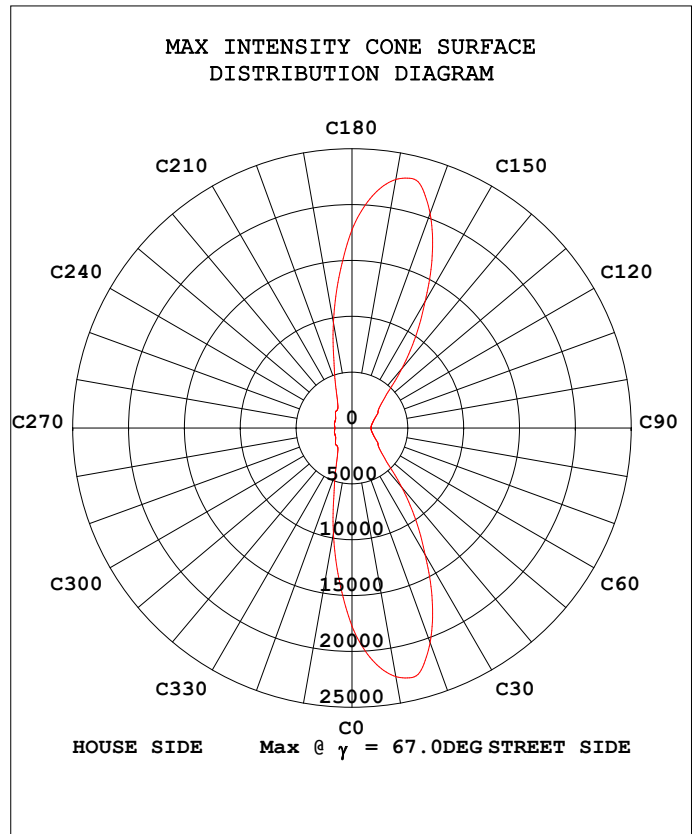
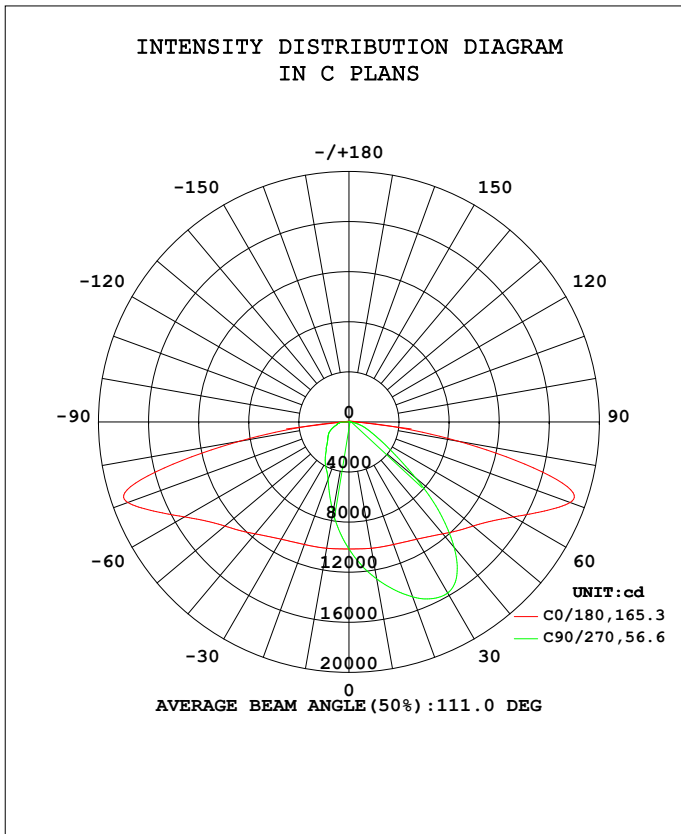


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43297.1x1 lm		
NAME: ST10-300-UD-3070-A21603	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

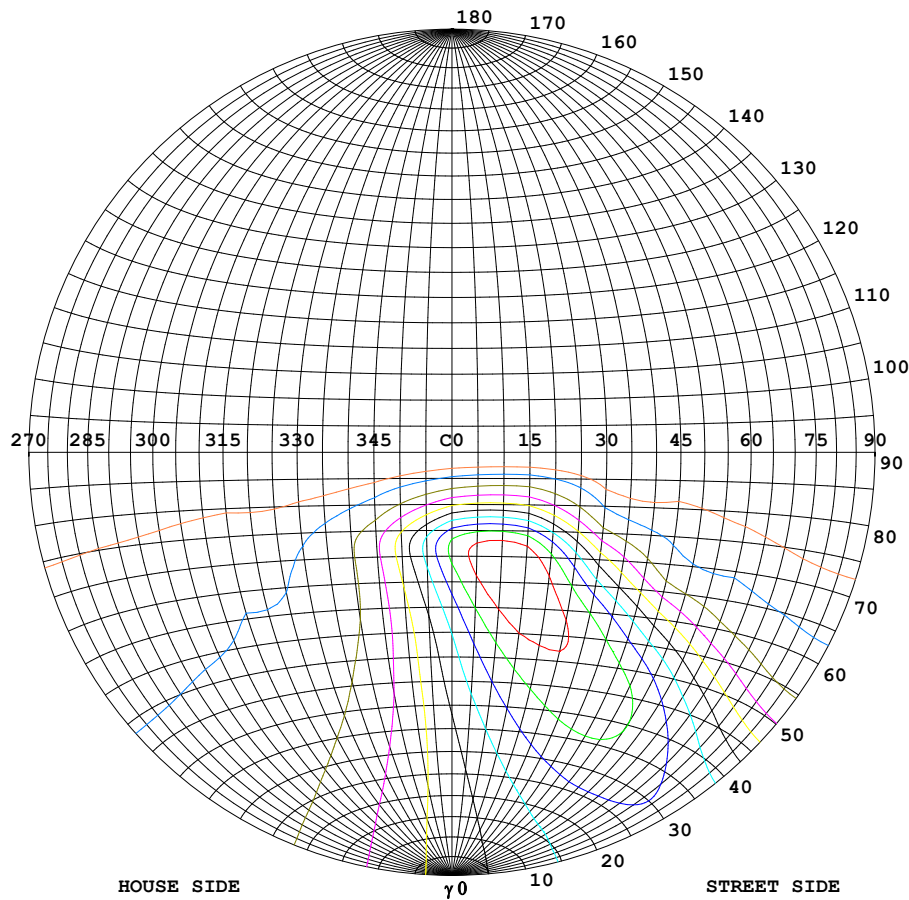
DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.32 lm/W			
MODEL	/	I _{max} (cd)	22912	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	72.5
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	43297	η house_up (%)	0.0
NOMINAL FLUX (lm)	43297.1	MAXIMUM @ (C, γ)	168,67.0	η house_down (%)	27.5
LAMPS INSIDE	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:

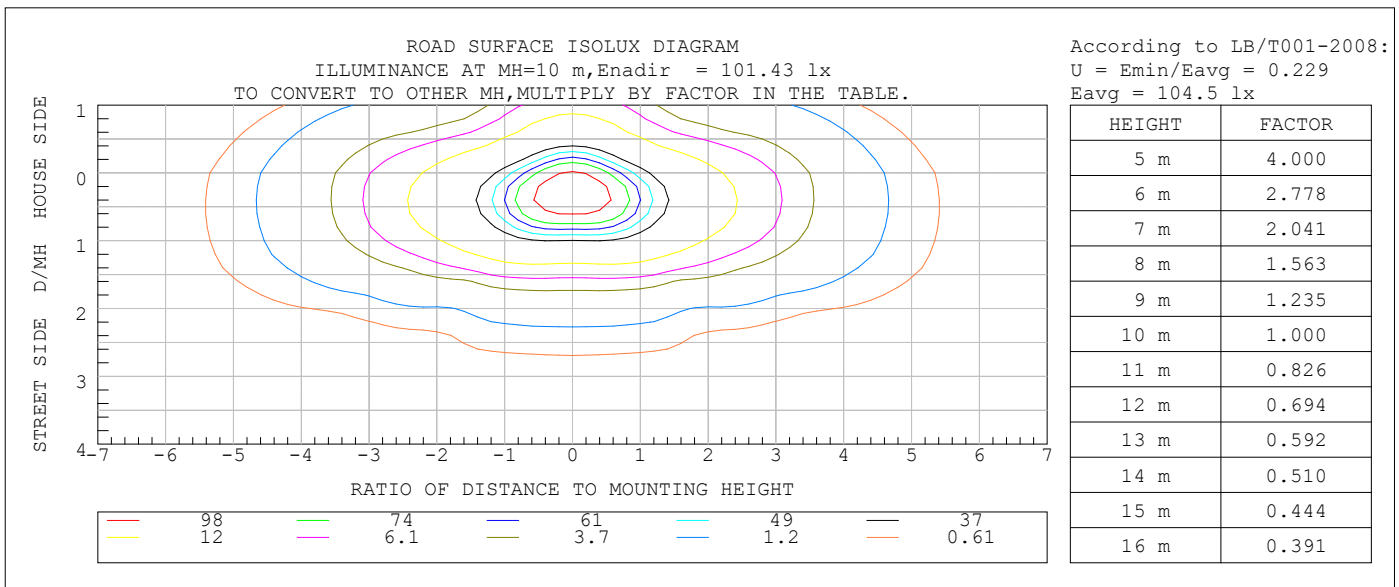
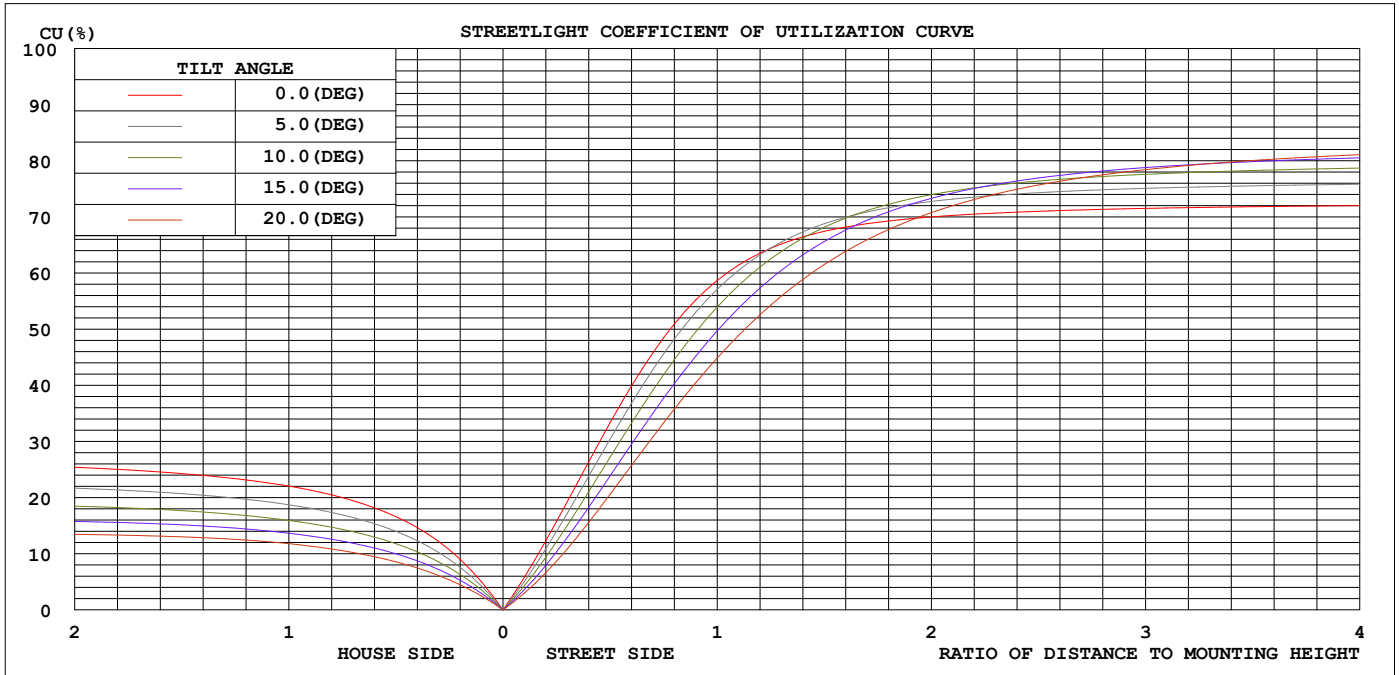
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:224.2cd/klm
 Max.At90:0.6307cd/klm
 Max.80-90:224.2cd/klm
 NRB 5101:Semi limited[18.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	22912
90%	20621
80%	18330
70%	16039
60%	13747
50%	11456
40%	9165
30%	6874
20%	4582
10%	2291
5%	1146

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

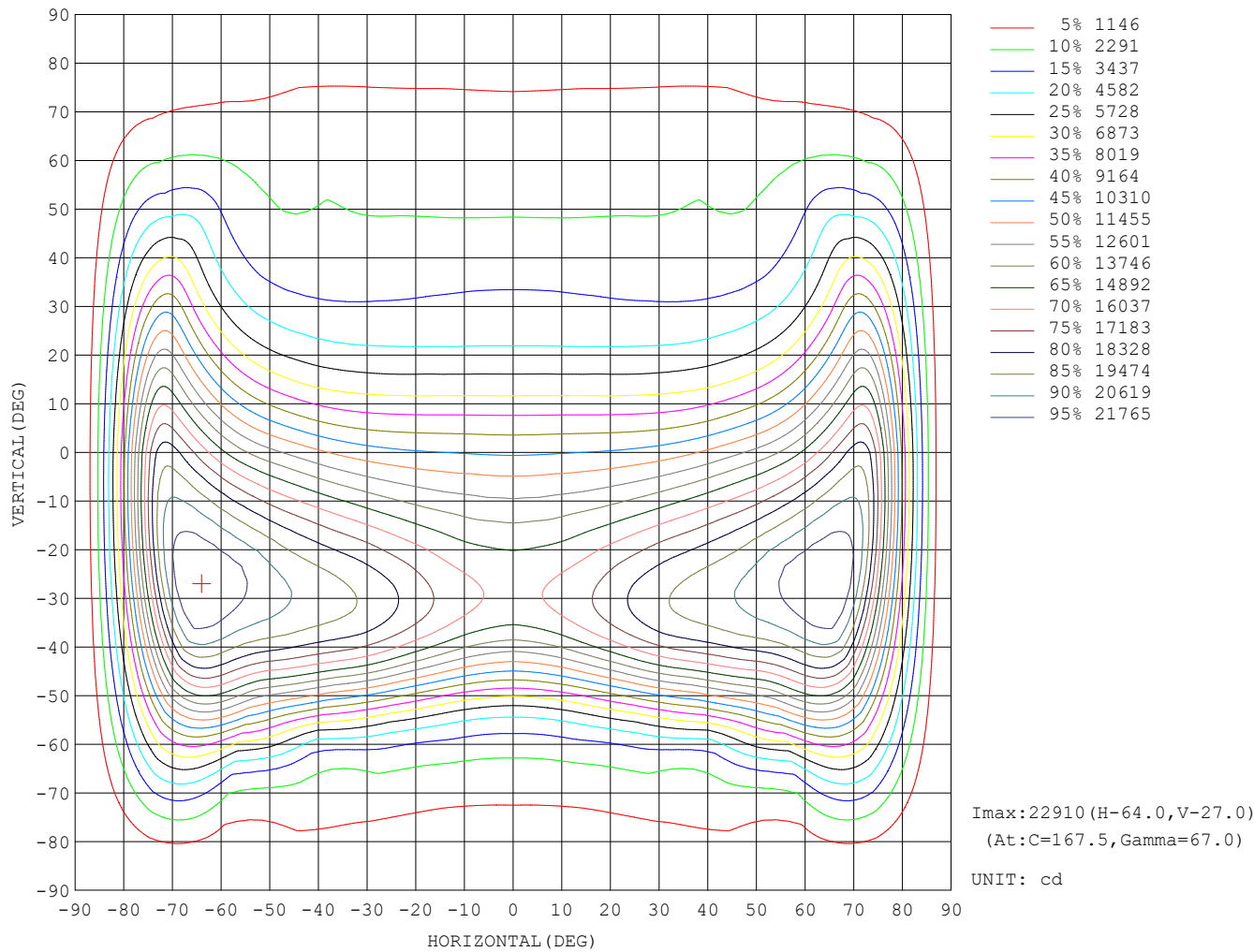
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1024	1213	1272	1213	1024	817.4	732.7	817.4	0- 10	968.6	968.6	2.24,2.24
20	1041	1433	1486	1433	1041	612.9	489.0	612.9	10- 20	2876	3844	8.88,8.88
30	1081	1691	1577	1691	1081	450.3	378.2	450.3	20- 30	4785	8629	19.9,19.9
40	1166	1890	1307	1890	1166	347.8	282.9	347.8	30- 40	6623	15252	35.2,35.2
50	1294	1732	695.9	1732	1294	276.9	222.1	276.9	40- 50	7725	22977	53.1,53.1
60	1517	1035	285.7	1035	1517	232.7	187.3	232.7	50- 60	7606	30583	70.6,70.6
70	1880	315.6	138.8	315.6	1880	199.6	136.9	199.6	60- 70	6805	37388	86.4,86.4
80	884.8	136.6	48.71	136.6	884.8	105.5	94.83	105.5	70- 80	4785	42174	97.4,97.4
90	2.731	0.1222	0.0738	0.1222	2.731	1.060	0.2583	1.060	80- 90	1124	43297	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: 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:

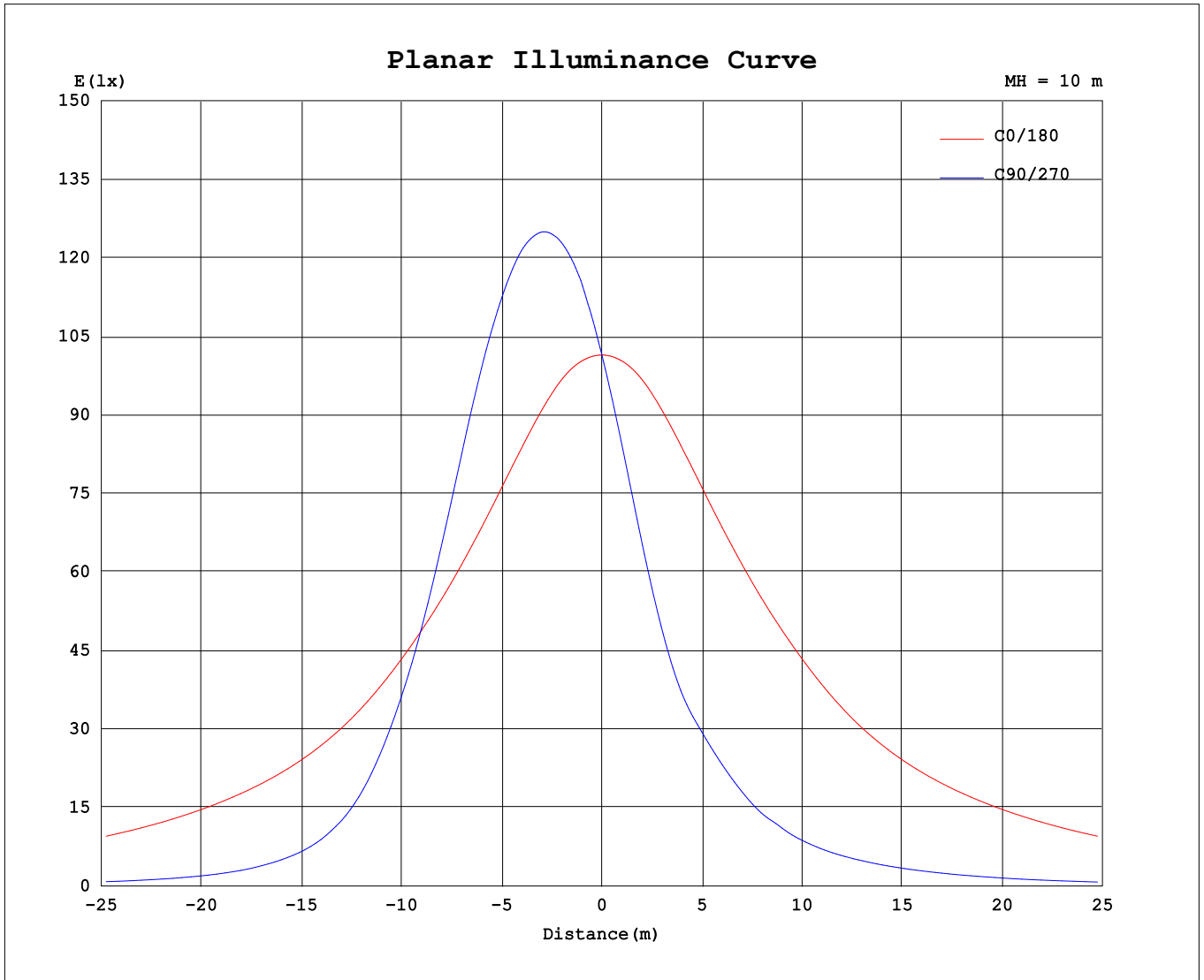
ISOCANDELA DIAGRAM



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

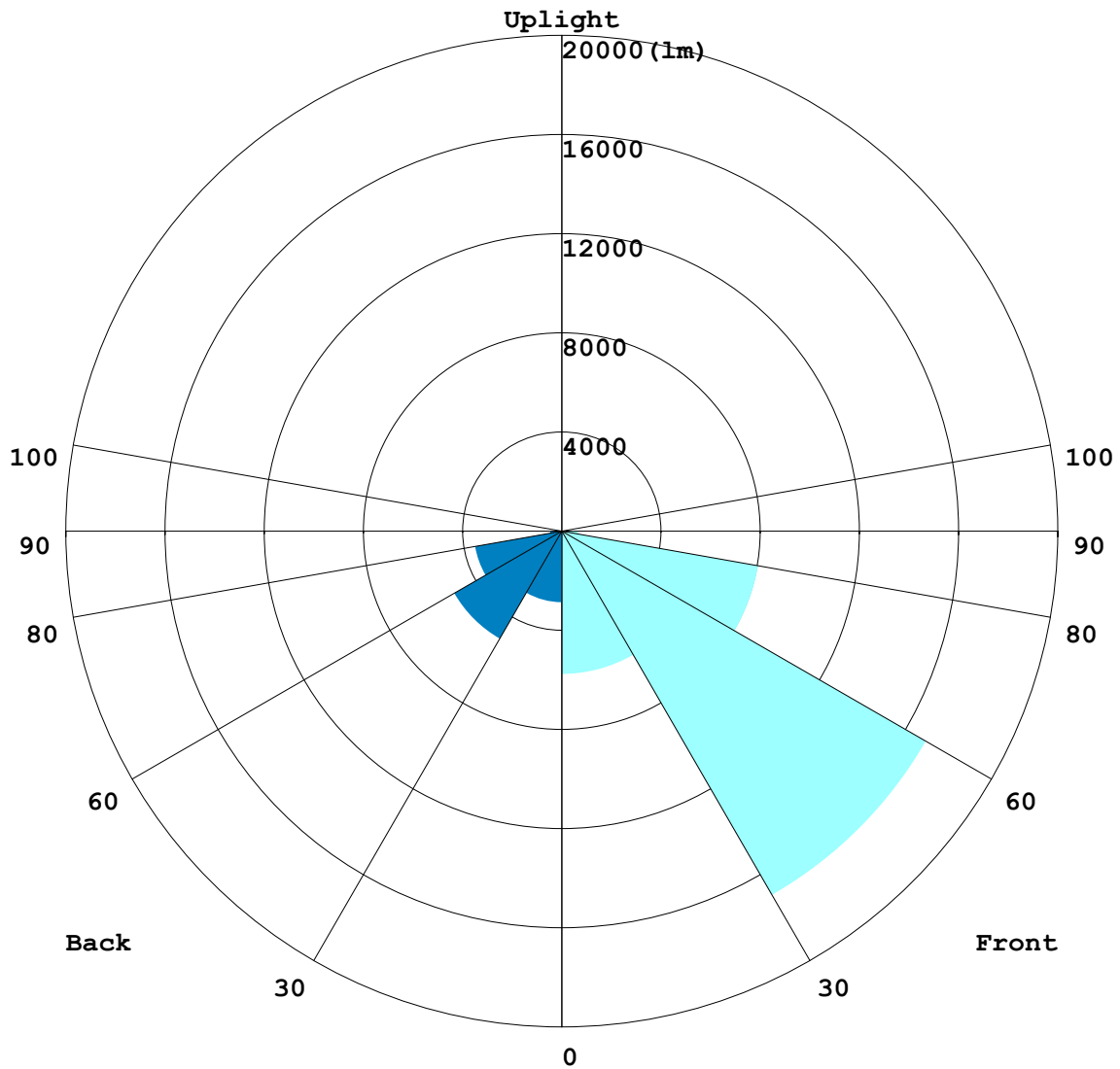
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43297.1x1 lm		
NAME: ST10-300-UD-3070-A21603	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:2.503A P:300.0W PF:0.999 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43297.1x1 lm		
NAME: ST10-300-UD-3070-A21603	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	5761	13.3
FM - Front-Medium(30-60)	16946	39.1
FH - Front-High(60-80)	8039.8	18.6
FVH - Front-Very High(80-90)	652.06	1.5
Total Forward Light	31399	72.5

BL - Back-Low(0-30)	2868	6.6
BM - Back-Medium(30-60)	5008	11.6
BH - Back-High(60-80)	3550.5	8.2
BVH - Back-Very High(80-90)	471.51	1.1
Total Back Light	11898	27.5

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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11898	0	11898
Street Side	31399	0	31399

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

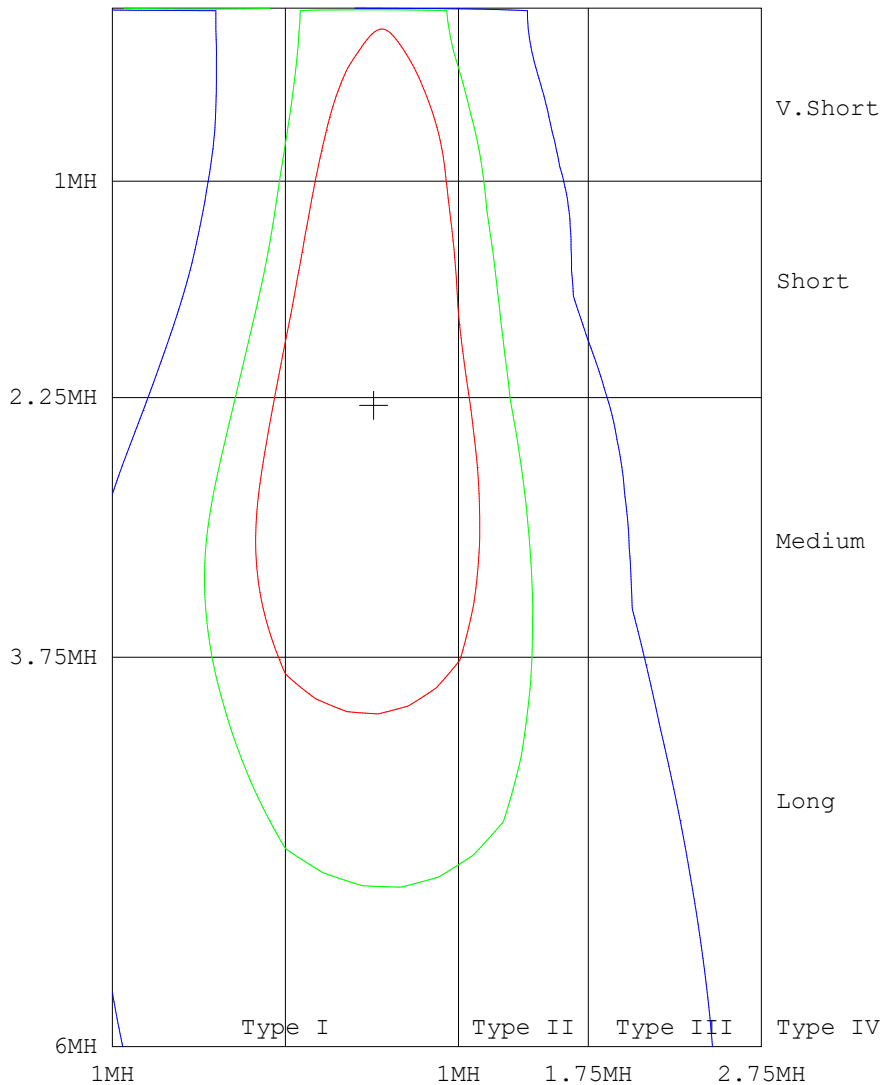
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43297.1x1 lm		
NAME: ST10-300-UD-3070-A21603	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement: 70% 16038 Road: 50% 11456 γ Range: 4500 - 90DEG 2.5% 572.79
 C Interval: 2.5DEG γ Interval: 0.5DEG 5% 1145.6
 Test Speed: HIGH Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Temperature: 25.3°C Humidity: 65.0%
 Operators: LYJ Test Distance: 26.000m [K=0.0446]
 Test Date: 2022-05-04 Remarks:

