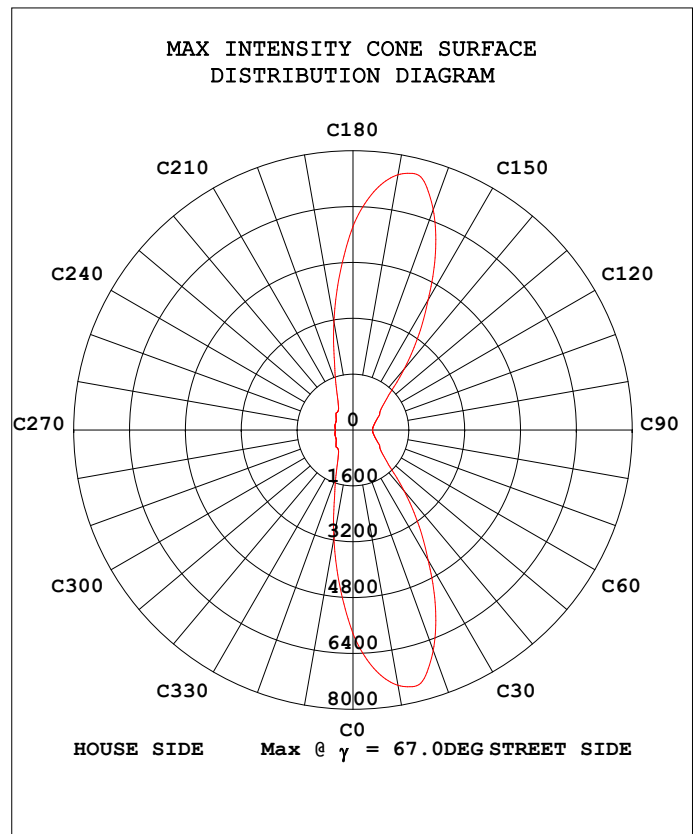
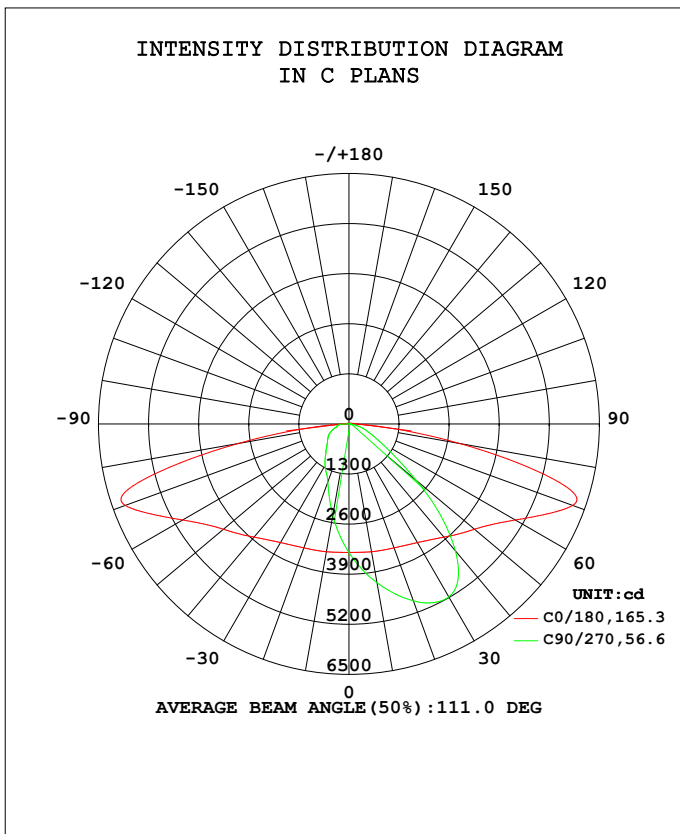


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14232.8x1 lm		
NAME: ST10-100-UD-3070-A21603	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

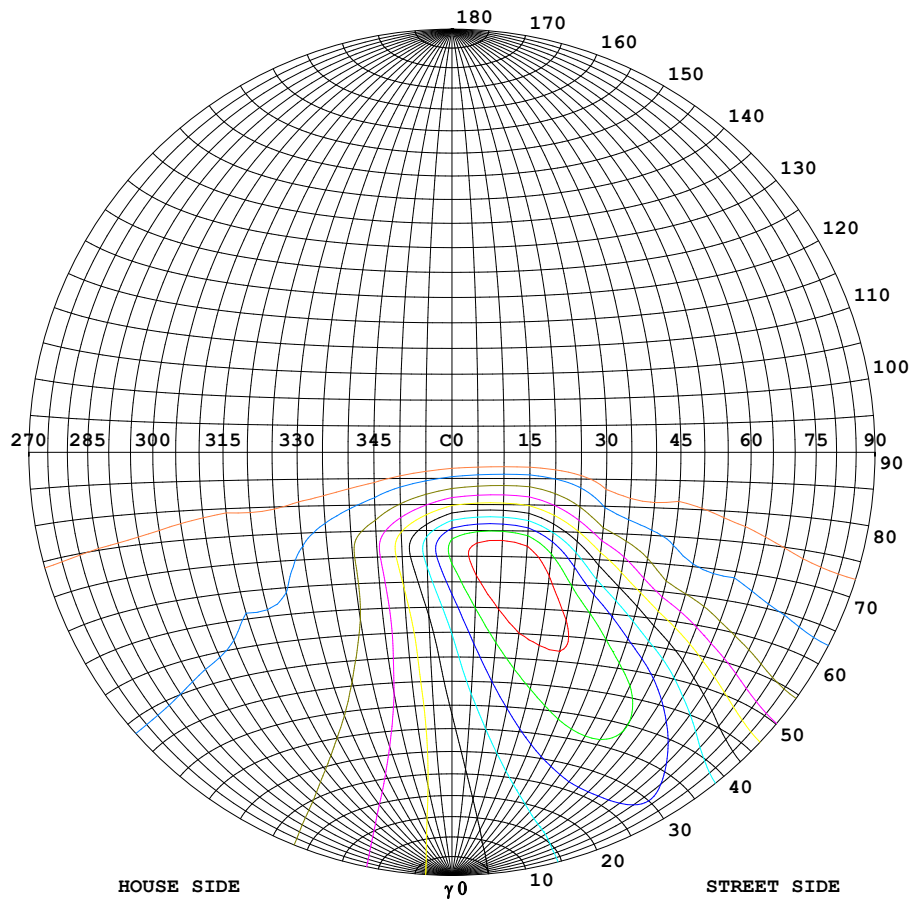
DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.33 lm/W			
MODEL	/	I _{max} (cd)	7532	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	72.5
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	14233	η house_up (%)	0.0
NOMINAL FLUX (lm)	14232.8	MAXIMUM @ (C, γ)	13,67.0	η house_down (%)	27.5
LAMPS INSIDE	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:

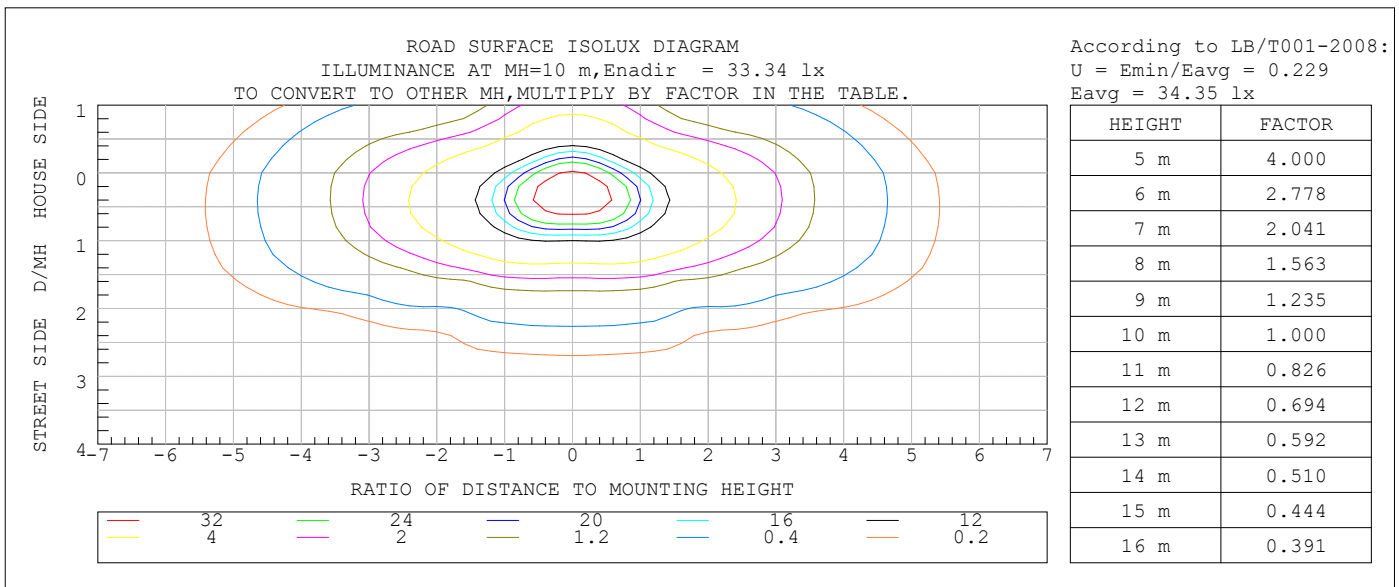
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:224.2cd/klm
 Max.At90:0.6307cd/klm
 Max.80-90:224.2cd/klm
 NRB 5101:Semi limited[18.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7532
90%	6779
80%	6025
70%	5272
60%	4519
50%	3766
40%	3013
30%	2260
20%	1506
10%	753
5%	377

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

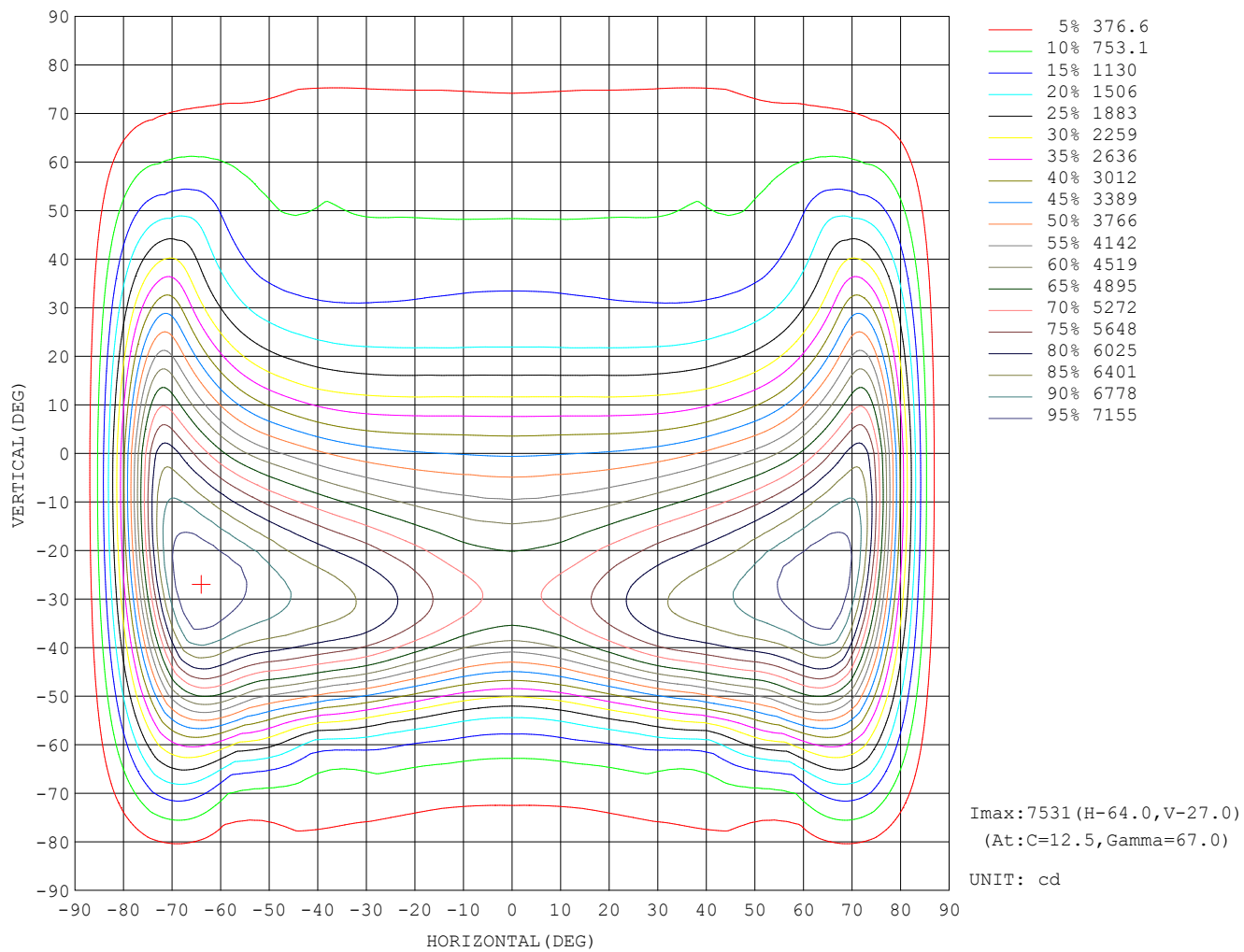
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3367	3986	4182	3986	3367	2687	2409	2687	0- 10	318.4	318.4	2.24,2.24
20	3423	4711	4884	4711	3423	2015	1608	2015	10- 20	945.4	1264	8.88,8.88
30	3555	5560	5184	5560	3555	1480	1243	1480	20- 30	1573	2837	19.9,19.9
40	3834	6213	4295	6213	3834	1143	929.8	1143	30- 40	2177	5014	35.2,35.2
50	4254	5692	2287	5692	4254	910.1	730.2	910.1	40- 50	2539	7553	53.1,53.1
60	4985	3403	939.2	3403	4985	764.9	615.6	764.9	50- 60	2500	10053	70.6,70.6
70	6180	1038	456.2	1038	6180	656.0	449.9	656.0	60- 70	2237	12290	86.4,86.4
80	2908	449.1	160.1	449.1	2908	346.9	311.7	346.9	70- 80	1573	13863	97.4,97.4
90	8.977	0.4018	0.2425	0.4018	8.977	3.484	0.8489	3.484	80- 90	369.3	14233	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:

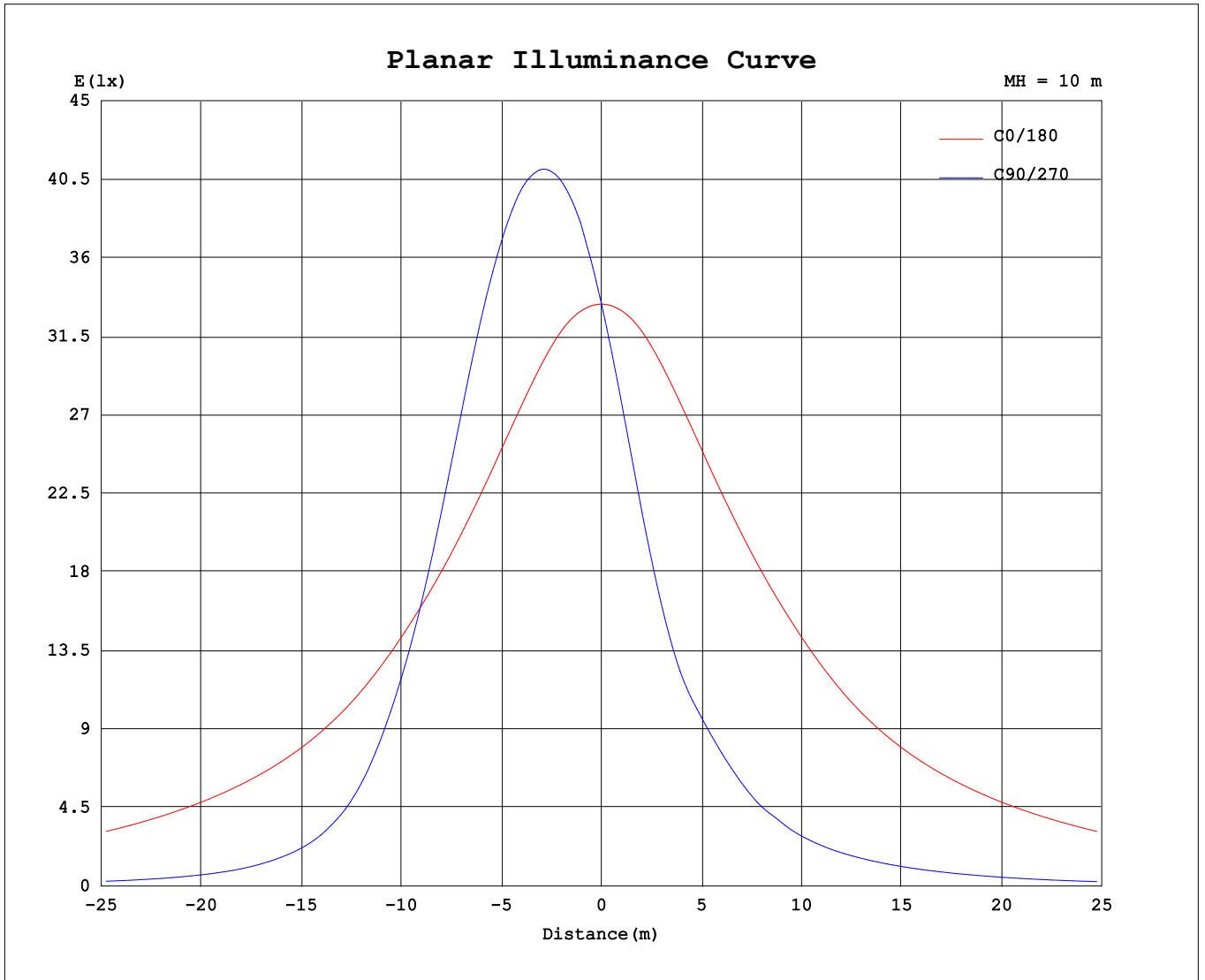
ISOCANDELA DIAGRAM



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

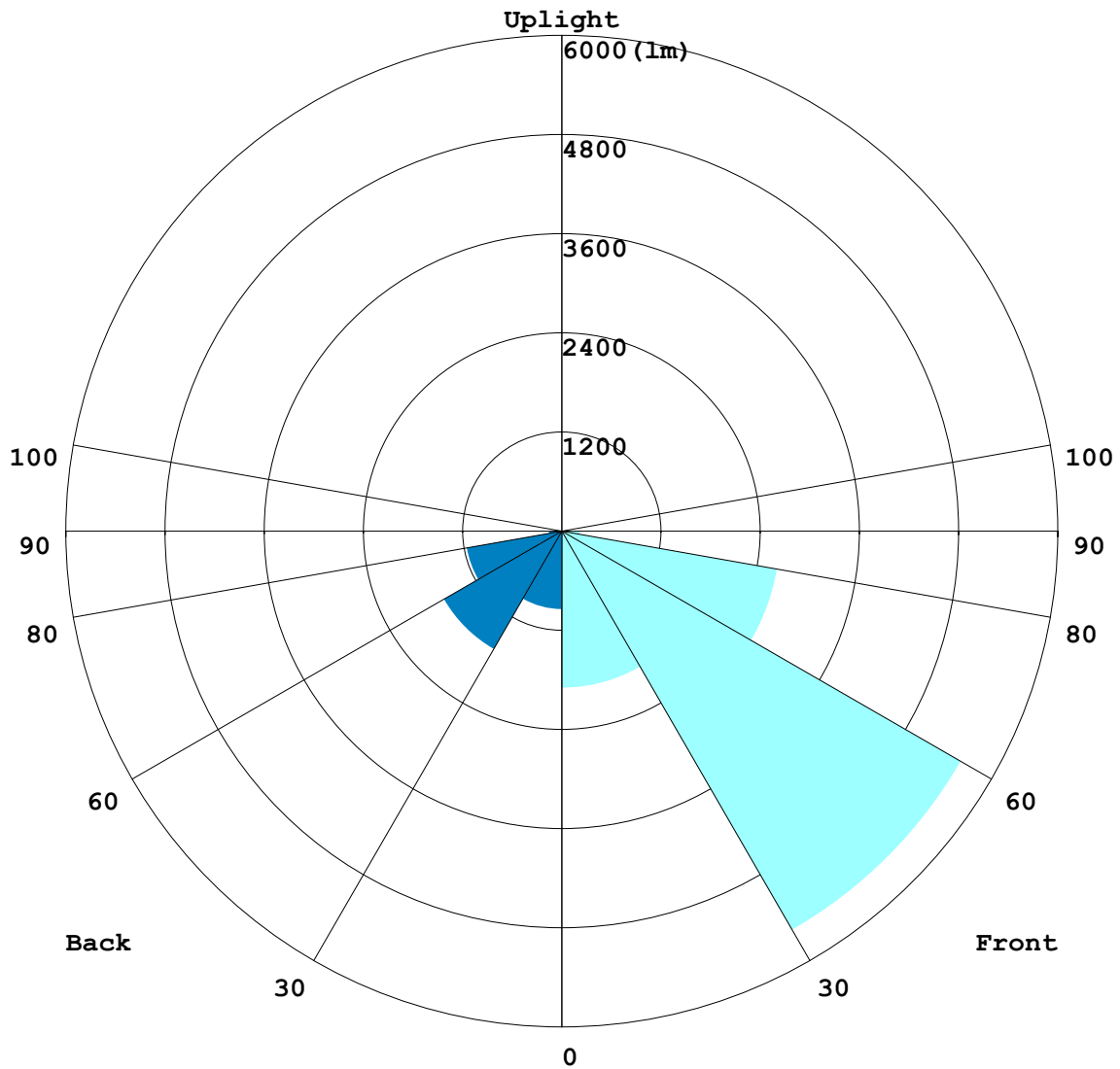
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14232.8x1 lm		
NAME: ST10-100-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:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14232.8x1 lm		
NAME: ST10-100-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)	1893.8	13.3
FM - Front-Medium(30-60)	5570.6	39.1
FH - Front-High(60-80)	2642.9	18.6
FVH - Front-Very High(80-90)	214.35	1.5
Total Forward Light	10322	72.5

BL - Back-Low(0-30)	942.78	6.6
BM - Back-Medium(30-60)	1646.3	11.6
BH - Back-High(60-80)	1167.1	8.2
BVH - Back-Very High(80-90)	155	1.1
Total Back Light	3911.2	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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3911.2	0	3911.2
Street Side	10322	0	10322

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

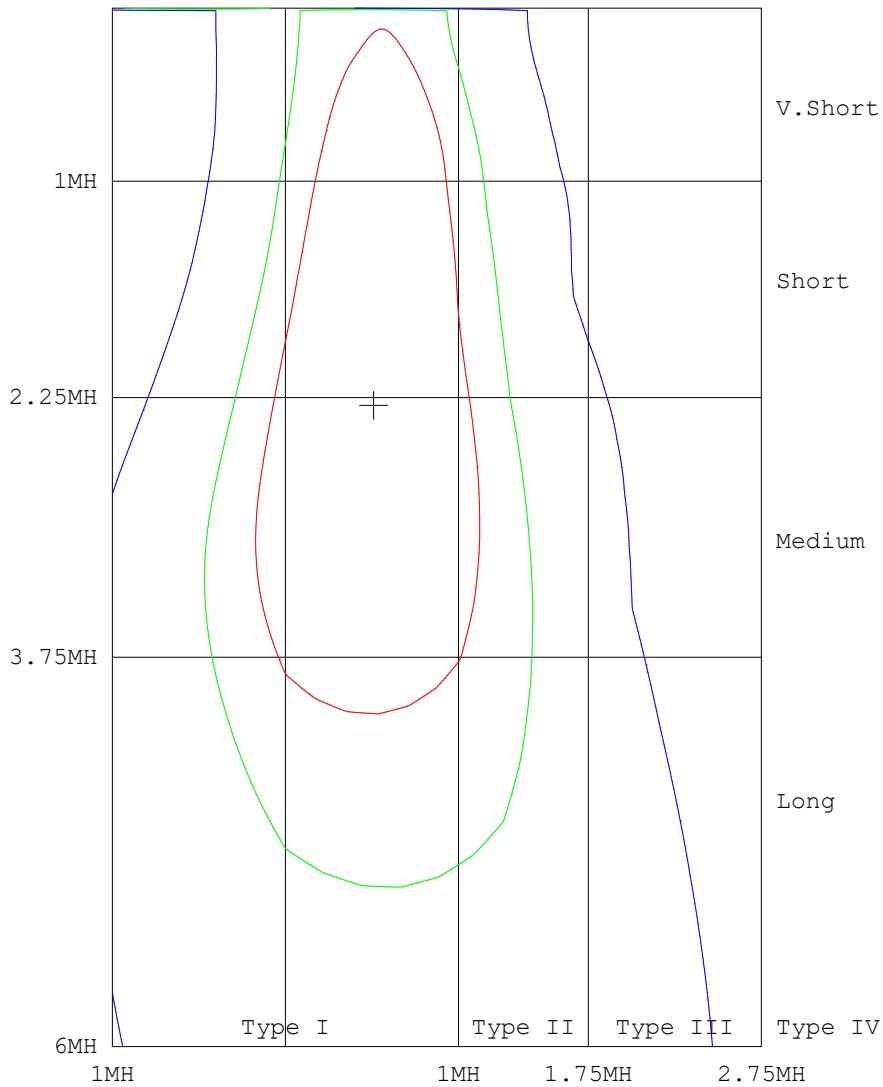
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14232.8x1 lm		
NAME: ST10-100-UD-3070-A21603	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	Road	Range: 1506 - 390DEG
C Interval: 2.5DEG	70% 5272.1	50% 3765.8	5% 378.58
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:		

