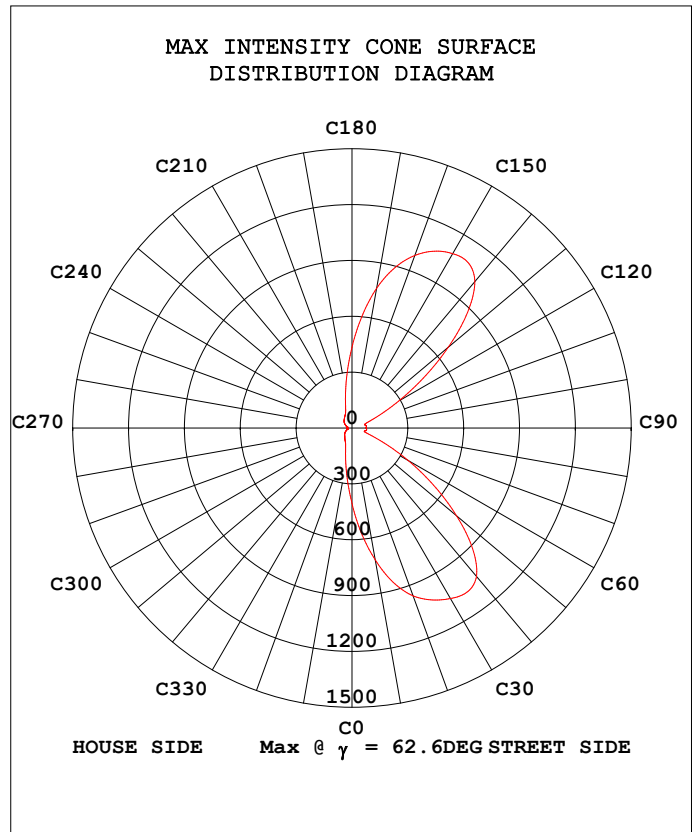
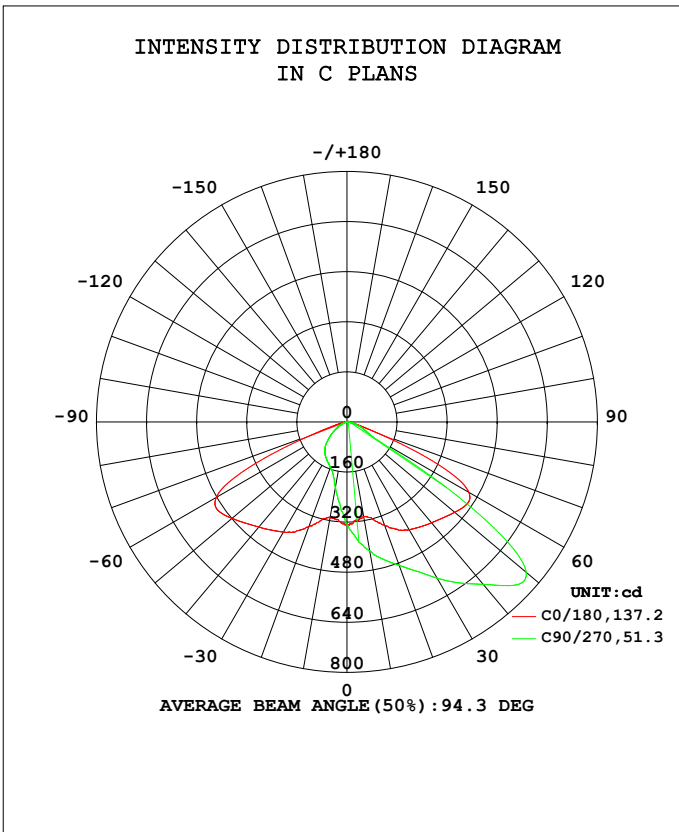


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.7V I:3.704A P:10.0W PF:0.987 Freq:49.99Hz		
UTHDi:0.25% ITHDi:5.94% Lamp Flux:1549.69x1 lm		
NAME: SL30-010-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 154.97 lm/W			
MODEL	SE303	I _{max} (cd)	1081	η street_up (%)	0.0
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	79.1
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1550	η house_up (%)	0.0
NOMINAL FLUX (lm)	1549.69	MAXIMUM @ (C, γ)	150,62.6	η house_down (%)	20.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



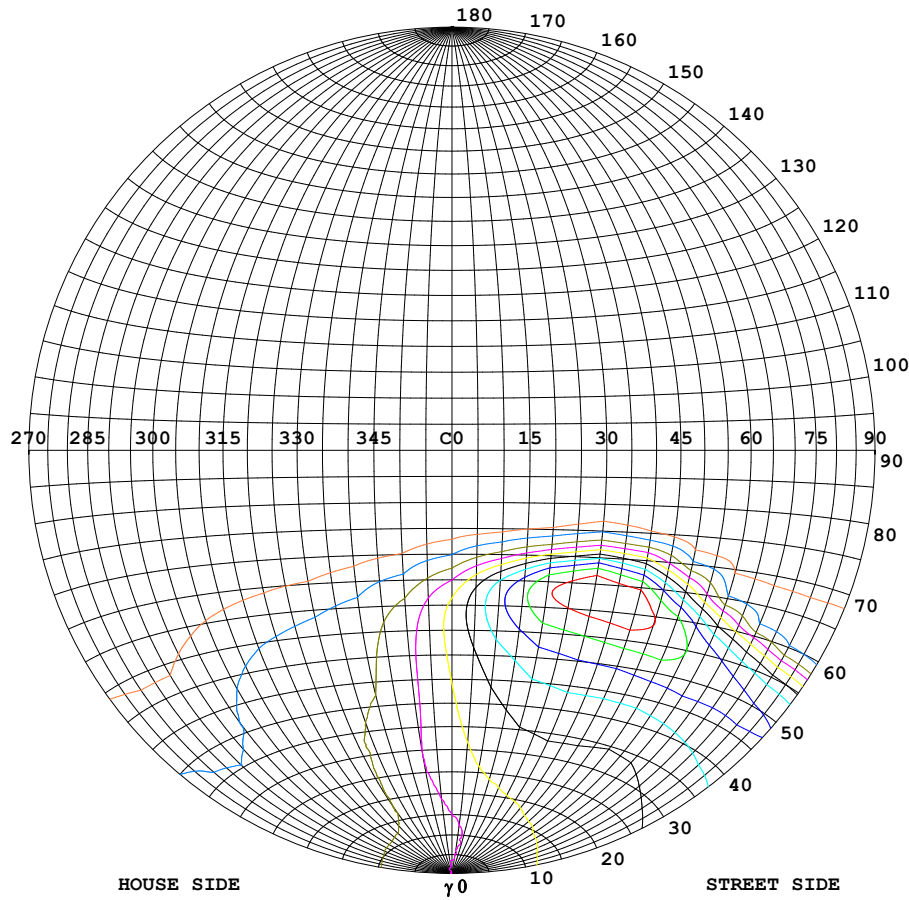
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: LI
 Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type II - Short
 CIE:Average - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:11.33cd/klm
 Max.At90:0cd/klm
 Max.80-90:11.33cd/klm
 NRB 5101:Limited[3.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1081
90%	973
80%	865
70%	757
60%	649
50%	541
40%	433
30%	324
20%	216
10%	108
5%	54

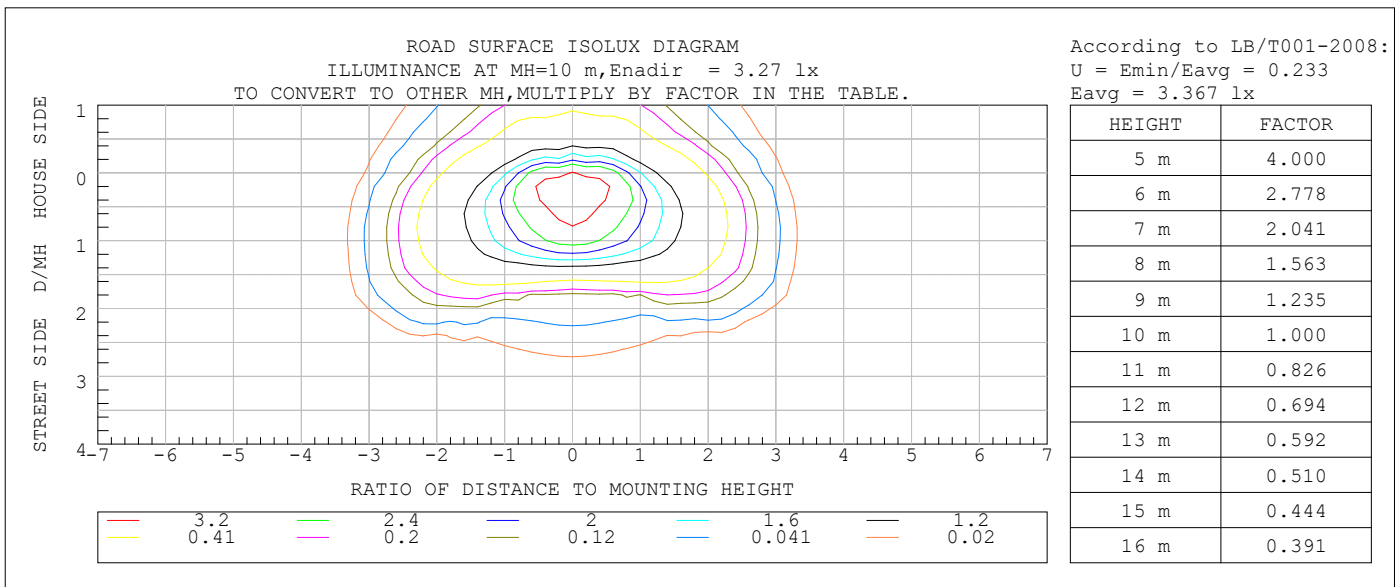
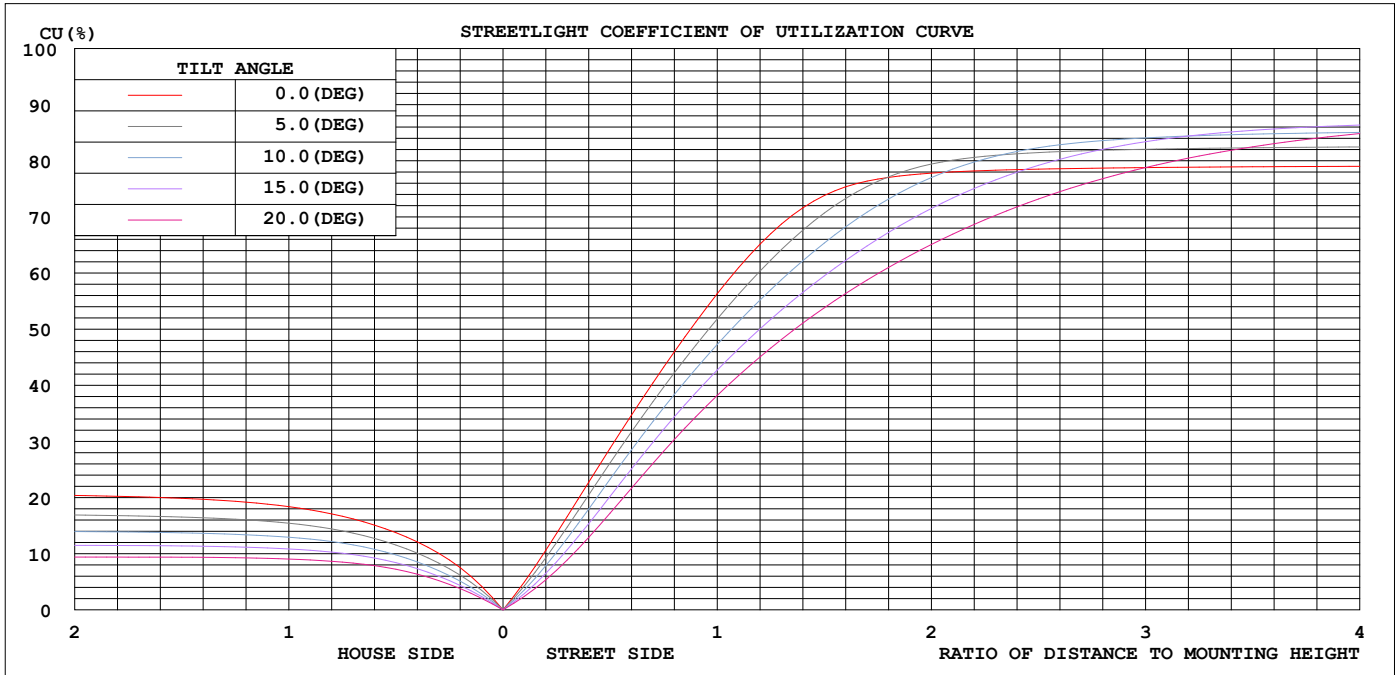
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LI
Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

Checker: LI

Assessor:

ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	307.4	385.9	417.9	386.1	310.7	238.3	212.9	233.0	0- 10	30.25	30.25	1.95,1.95
20	351.3	455.5	487.7	457.3	356.1	177.7	154.0	164.3	10- 20	89.35	119.6	7.72,7.72
30	397.6	509.4	576.2	511.8	406.1	170.1	133.0	158.5	20- 30	157.3	276.9	17.9,17.9
40	420.4	603.5	677.3	609.8	438.2	160.8	108.3	153.5	30- 40	234.1	511.0	33,33
50	449.1	783.9	747.4	800.3	479.2	129.0	69.91	126.9	40- 50	325.9	836.9	54,54
60	449.4	967.4	96.82	951.0	481.8	74.72	34.22	70.37	50- 60	389.2	1226	79.1,79.1
70	104.6	309.9	46.86	256.8	116.6	31.95	14.87	31.26	60- 70	272.9	1499	96.7,96.7
80	10.29	15.86	12.19	14.23	9.988	4.099	0.7712	3.998	70- 80	47.94	1547	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	2.743	1550	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		

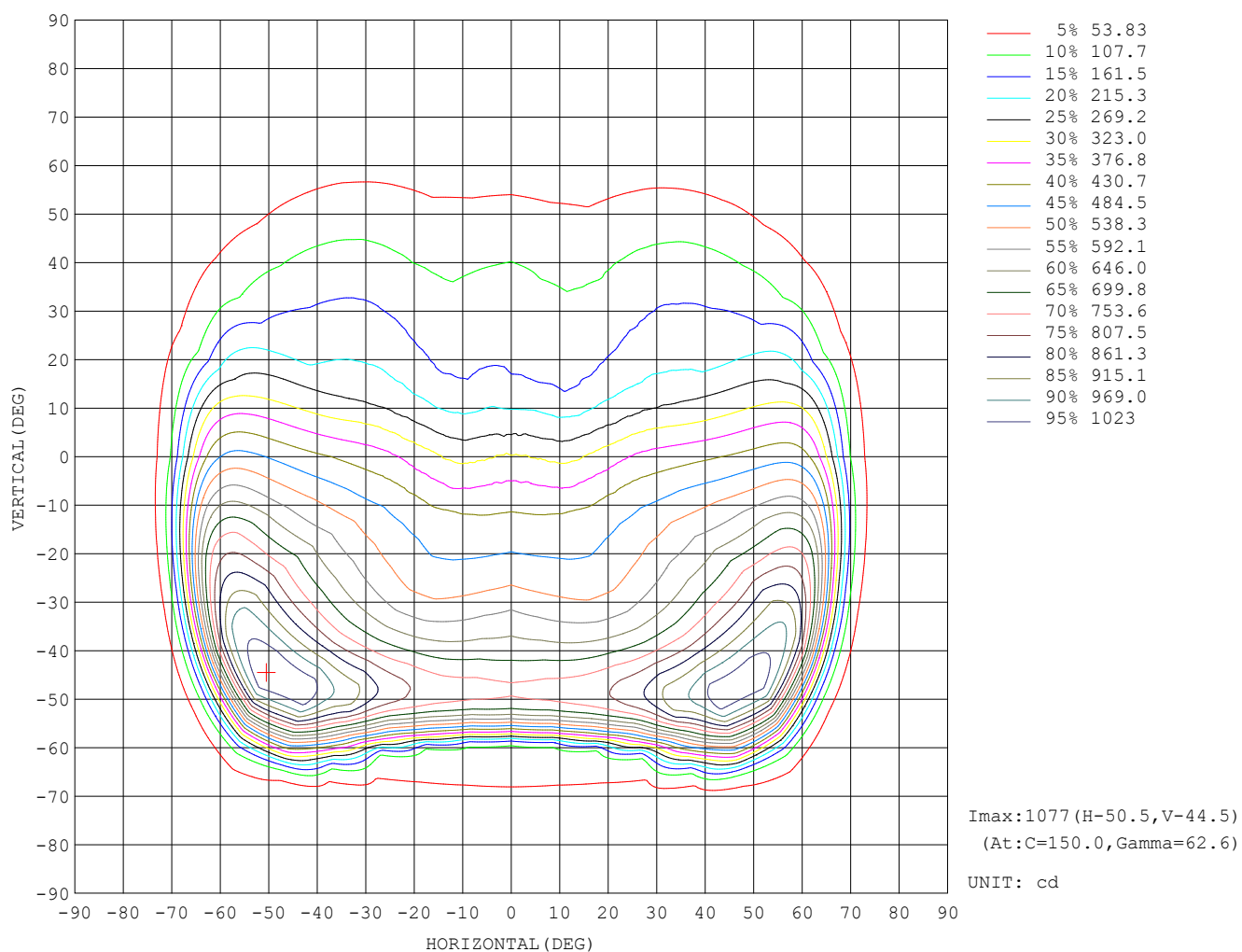
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

ISOCANDELA DIAGRAM



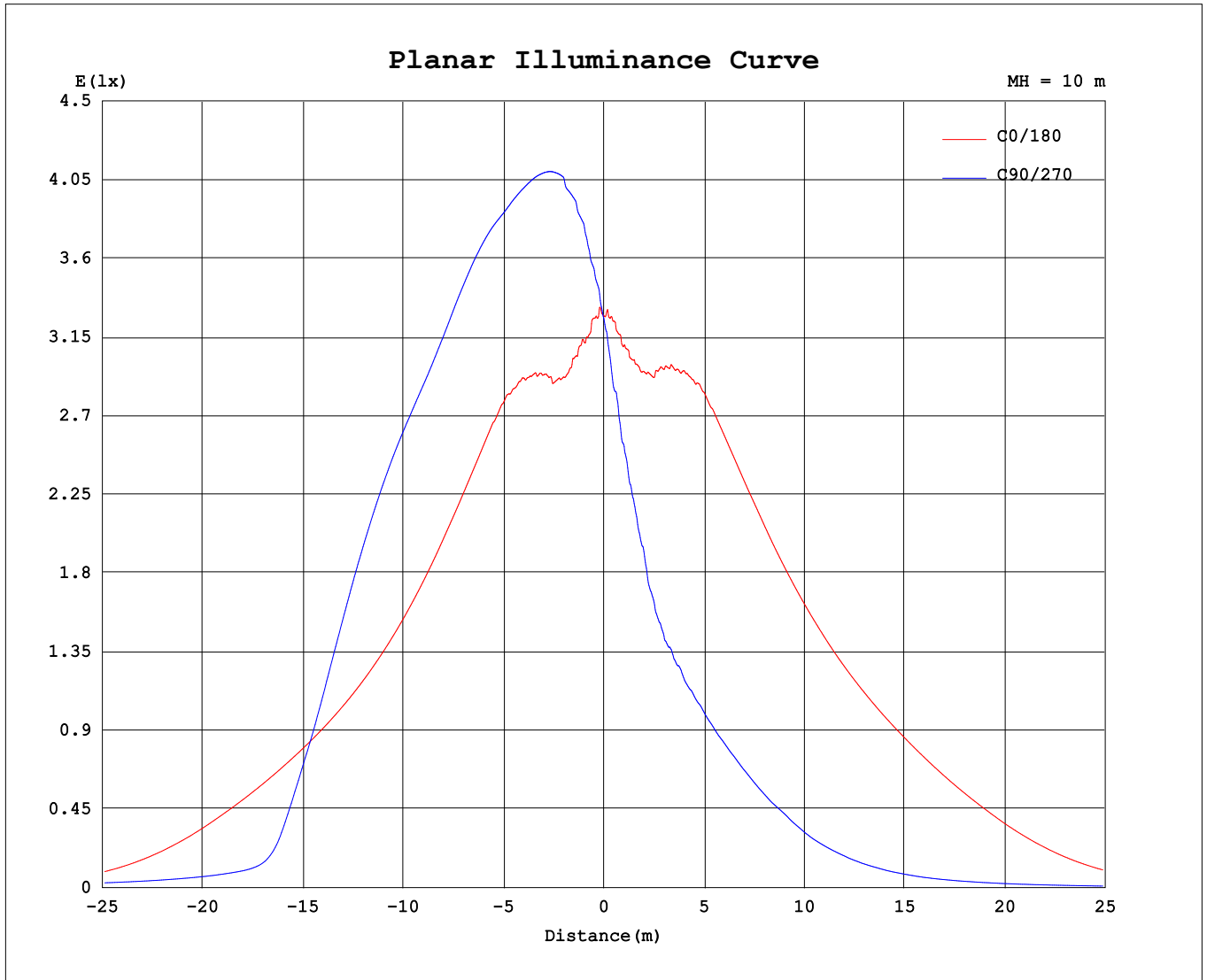
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: LI
 Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operator: LI
Test Date: 2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

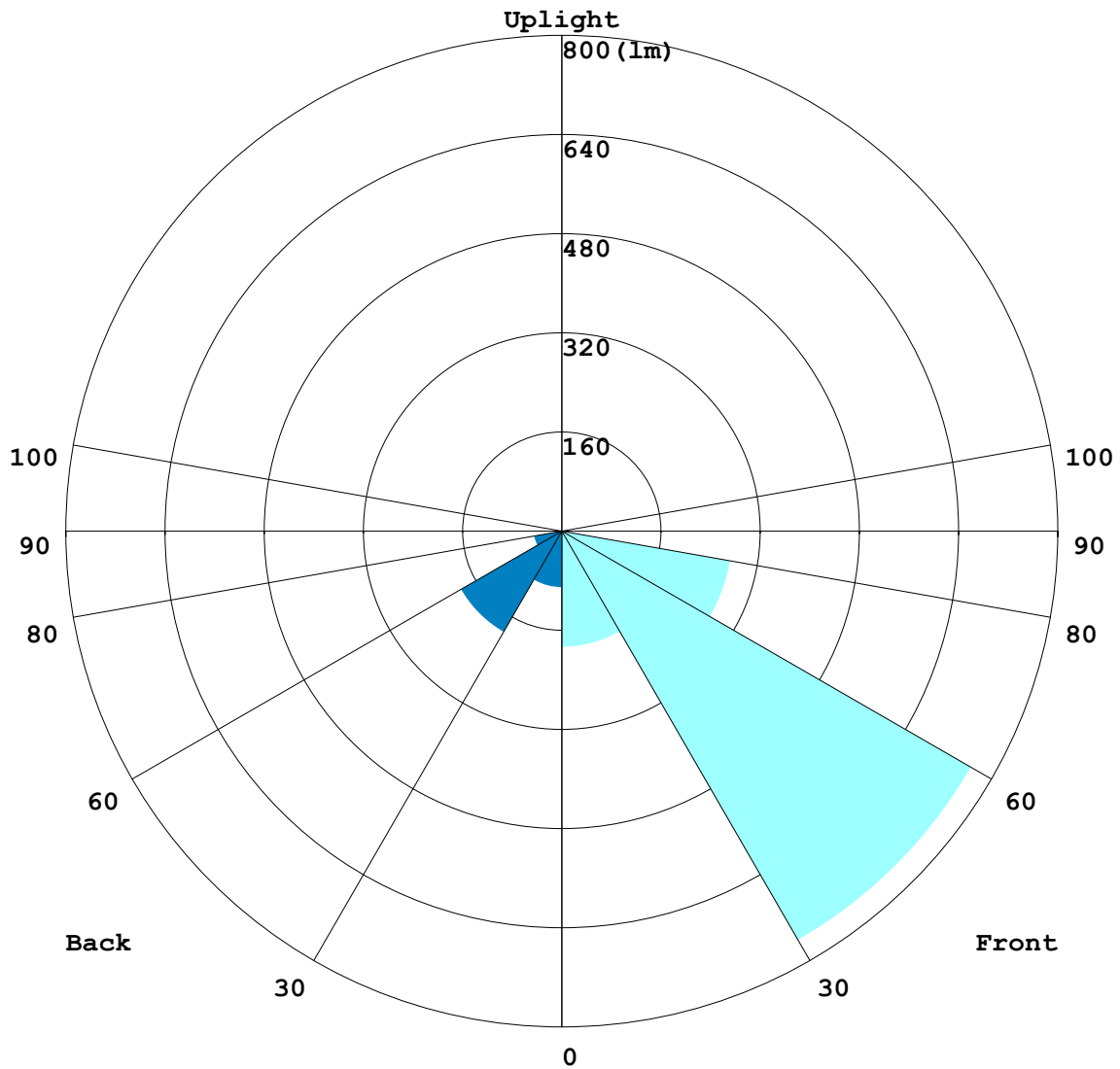
Checker: LI

Assessor:

LCS REPORT

Test:U:2.7V I:3.704A P:10.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:1549.69x1 lm		
NAME: SL30-010-4070-R01207-SA	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:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

Checker: LI

Assessor:

BUG REPORT

Test:U:2.7V I:3.704A P:10.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:1549.69x1 lm		
NAME: SL30-010-4070-R01207-SA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	186.54	12.0
FM - Front-Medium(30-60)	761.62	49.1
FH - Front-High(60-80)	275.58	17.8
FVH - Front-Very High(80-90)	2.2055	0.1
Total Forward Light	1225.9	79.1

BL - Back-Low(0-30)	90.342	5.8
BM - Back-Medium(30-60)	187.63	12.1
BH - Back-High(60-80)	45.231	2.9
BVH - Back-Very High(80-90)	0.53777	0.0
Total Back Light	323.74	20.9

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	B0-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	323.74	0	323.74
Street Side	1225.9	0	1225.9

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LI
 Test Date:2020-04-01

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

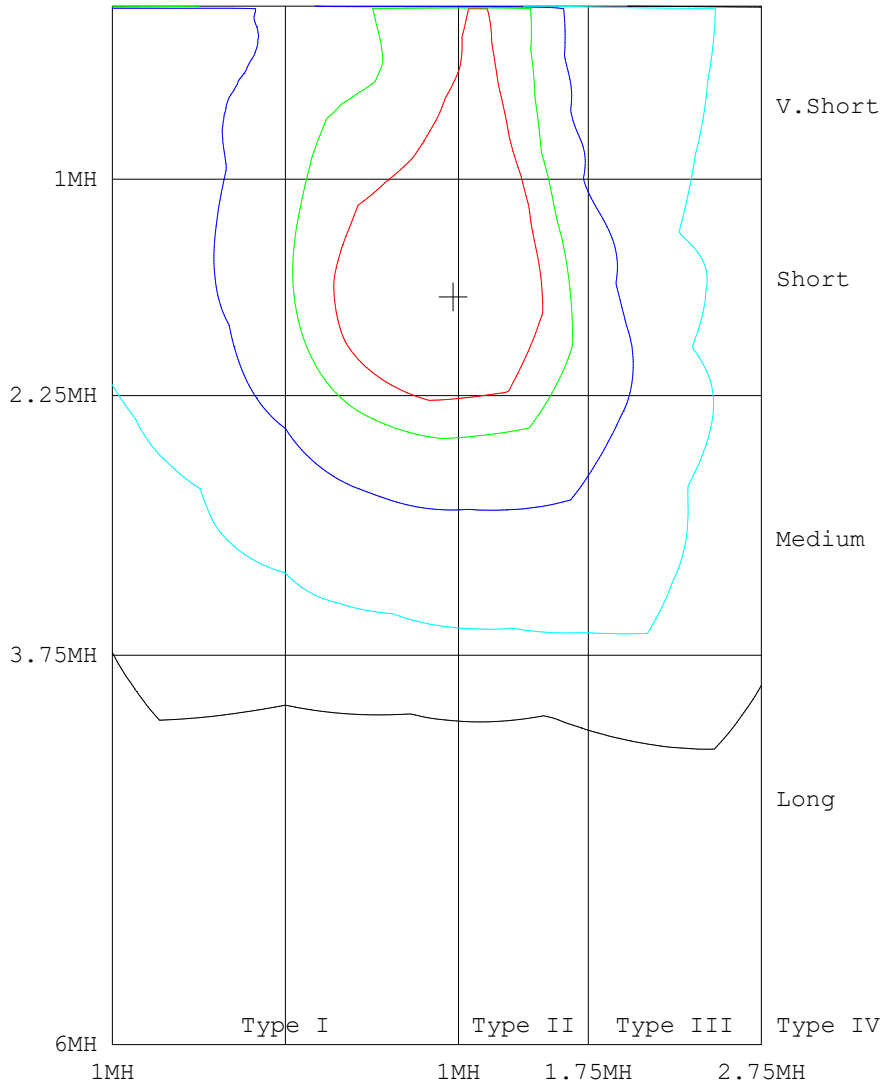
Checker: LI

Assessor:

ROAD ISOCANDELA REPORT

Test:U:2.7V I:3.704A P:10.0W PF:0.987 Freq:49.99Hz UTHDi:0.25% ITHDi:5.94% Lamp Flux:1549.69x1 lm		
NAME: SL30-010-4070-R01207-SA	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: LI Test Date: 2020-04-01 Checker: LI	Pavement: 70% 54.2% Road: 30% 45.8% Range: 215.49 - 90DEG Interval: 0.1DEG Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426 Humidity: 65.0% Test Distance: 26.000m [K=0.4589] Remarks: Assessor:
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