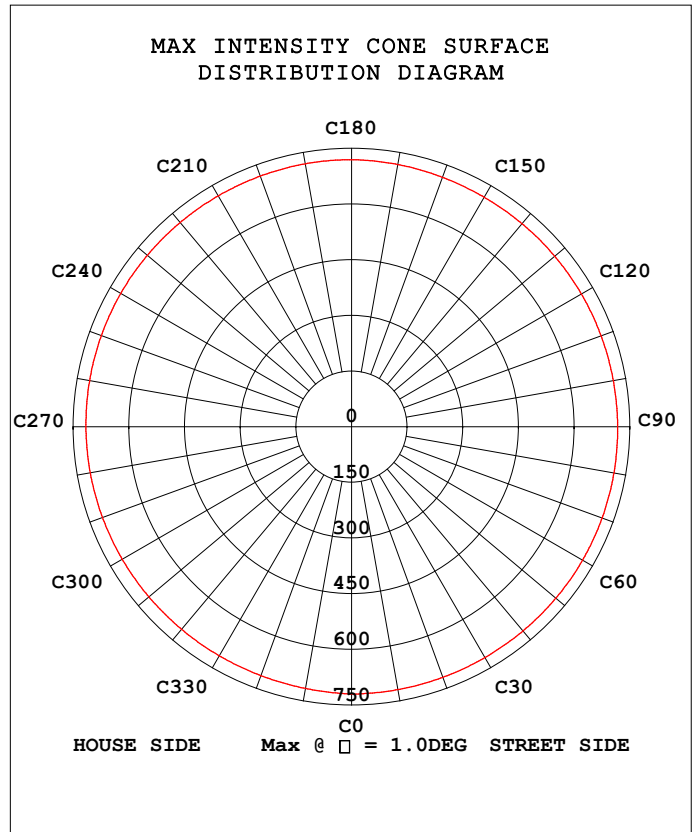
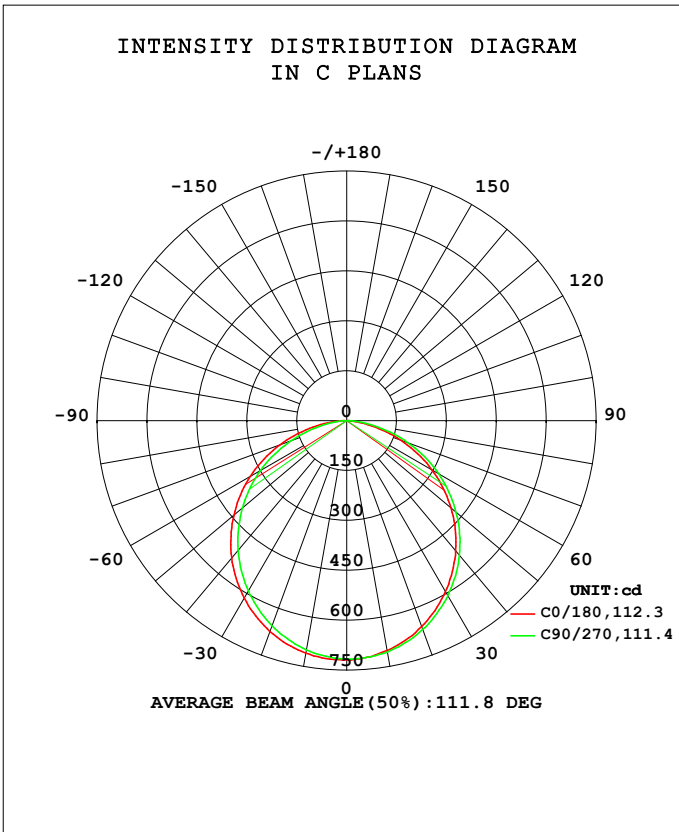


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 96.59 lm/W
MODEL	ASD-SFL-20WH-SC	I _{max} (cd)	720.3	<input type="checkbox"/> street_up (%)	0.0	
NOMINAL POWER (W)	20	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	50.6	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2017	<input type="checkbox"/> house_up (%)	0.0	
NOMINAL FLUX (lm)	2017	MAXIMUM @ (C, □)	0,1.0	<input type="checkbox"/> house_down (%)	49.4	
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	76 FLASHAREA (m2)		
TEST VOLTAGE (V)	120	<input type="checkbox"/> down (%)	100.0	SLI		

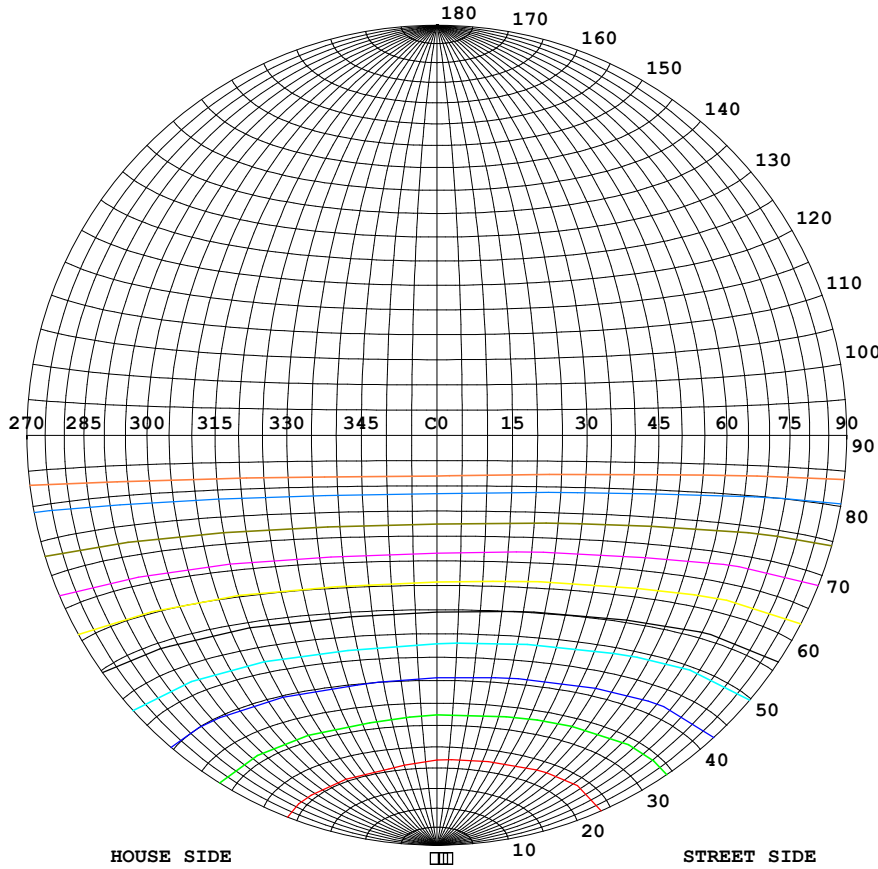


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.600m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp



Classification:

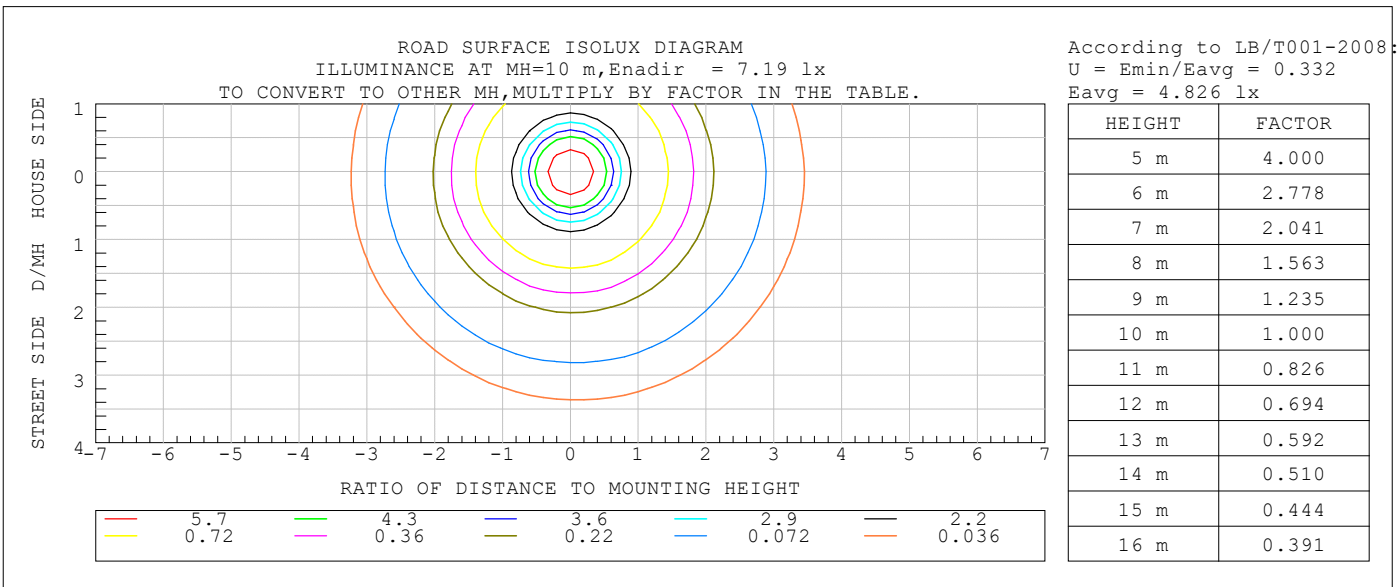
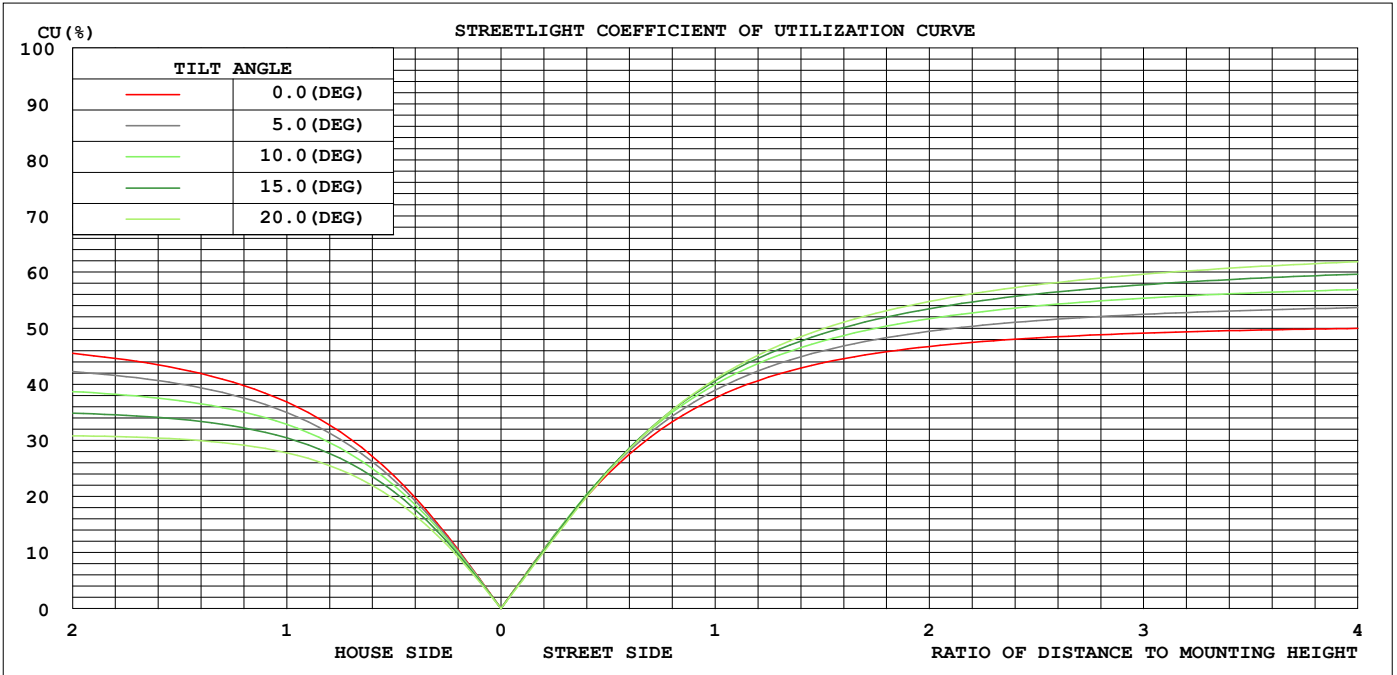
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:45.45cd/klm
 Max.At90:3.059cd/klm
 Max.80-90:45.45cd/klm
 NRB 5101:Limited[6.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	720
— 90%	648
— 80%	576
— 70%	504
— 60%	432
— 50%	360
— 40%	288
— 30%	216
— 20%	144
— 10%	72
— 5%	36

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.600m [K=1.0000]
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 9.600m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp

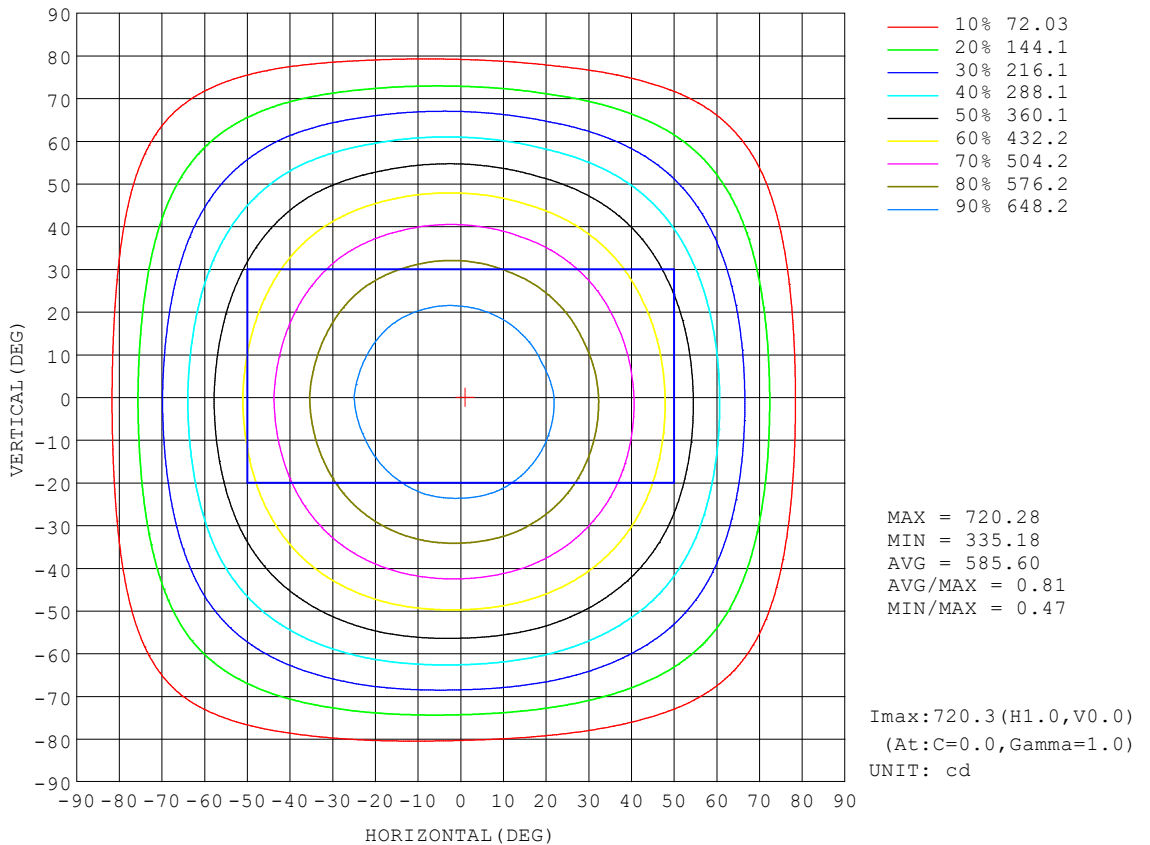
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	701.4	704.4	705.9	705.6	709.5	705.3	699.3	694.6	0- 10	67.75	67.75	3.36,3.36
20	658.7	663.7	668.1	670.2	675.1	666.2	655.9	650.4	10- 20	193.6	261.3	13,13
30	593.2	601.2	607.8	611.5	615.8	604.3	590.8	585.4	20- 30	292.5	553.8	27.5,27.5
40	509.5	519.3	527.3	533.9	537.5	524.3	507.8	501.2	30- 40	351.9	905.8	44.9,44.9
50	409.6	419.8	429.2	439.4	443.0	427.0	409.4	402.0	40- 50	364.6	1270	63,63
60	296.2	307.0	318.7	330.2	335.1	317.7	299.0	290.8	50- 60	329.2	1600	79.3,79.3
70	173.8	184.6	197.1	209.9	214.4	197.4	178.4	169.7	60- 70	249.0	1849	91.7,91.7
80	54.96	63.93	75.93	88.18	91.21	77.87	62.94	54.69	70- 80	136.8	1985	98.4,98.4
90	0.8897	0.8897	1.064	3.378	6.170	4.391	1.876	1.386	80- 90	31.43	2017	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: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.600m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

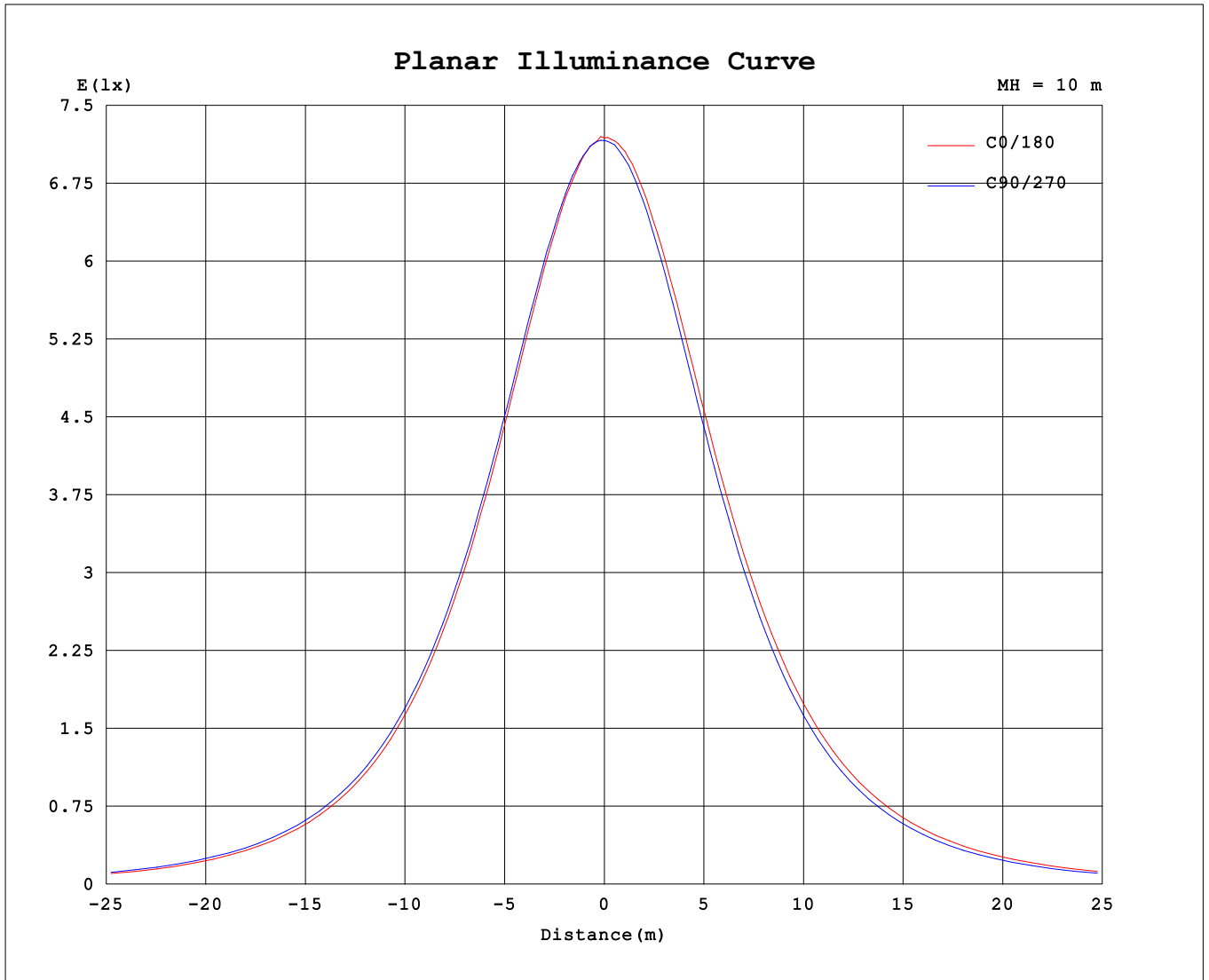
Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.600m [K=1.0000]
 Remarks:

Planar Illuminance Curve



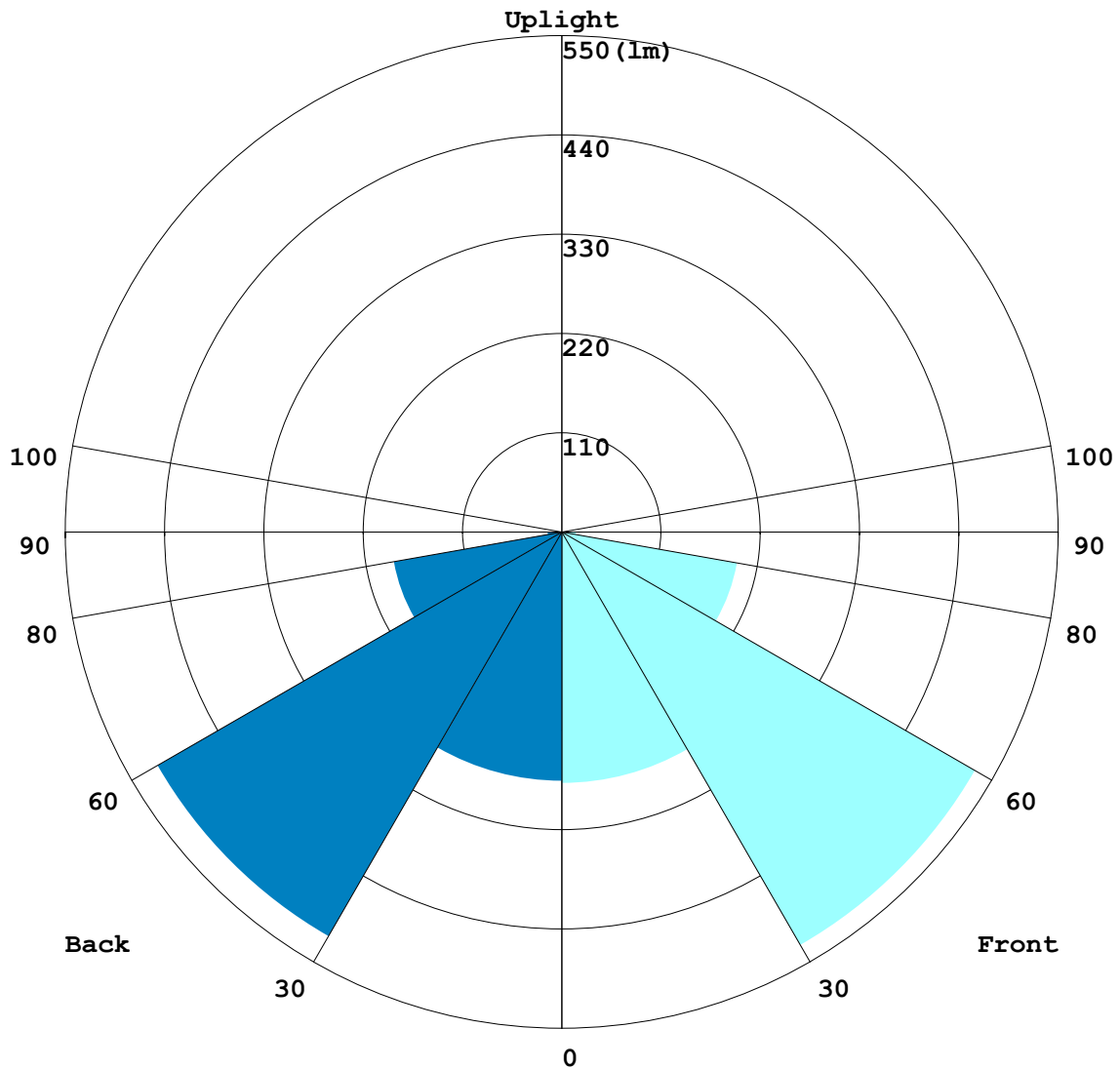
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.600m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.600m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	278.16	13.8
FM - Front-Medium(30-60)	528.41	26.2
FH - Front-High(60-80)	197.05	9.8
FVH - Front-Very High(80-90)	15.896	0.8
Total Forward Light	1019.5	50.6

BL - Back-Low(0-30)	275.68	13.7
BM - Back-Medium(30-60)	517.31	25.6
BH - Back-High(60-80)	188.78	9.4
BVH - Back-Very High(80-90)	15.531	0.8
Total Back Light	997.3	49.4

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	997.3	0	997.3
Street Side	1019.5	0	1019.5

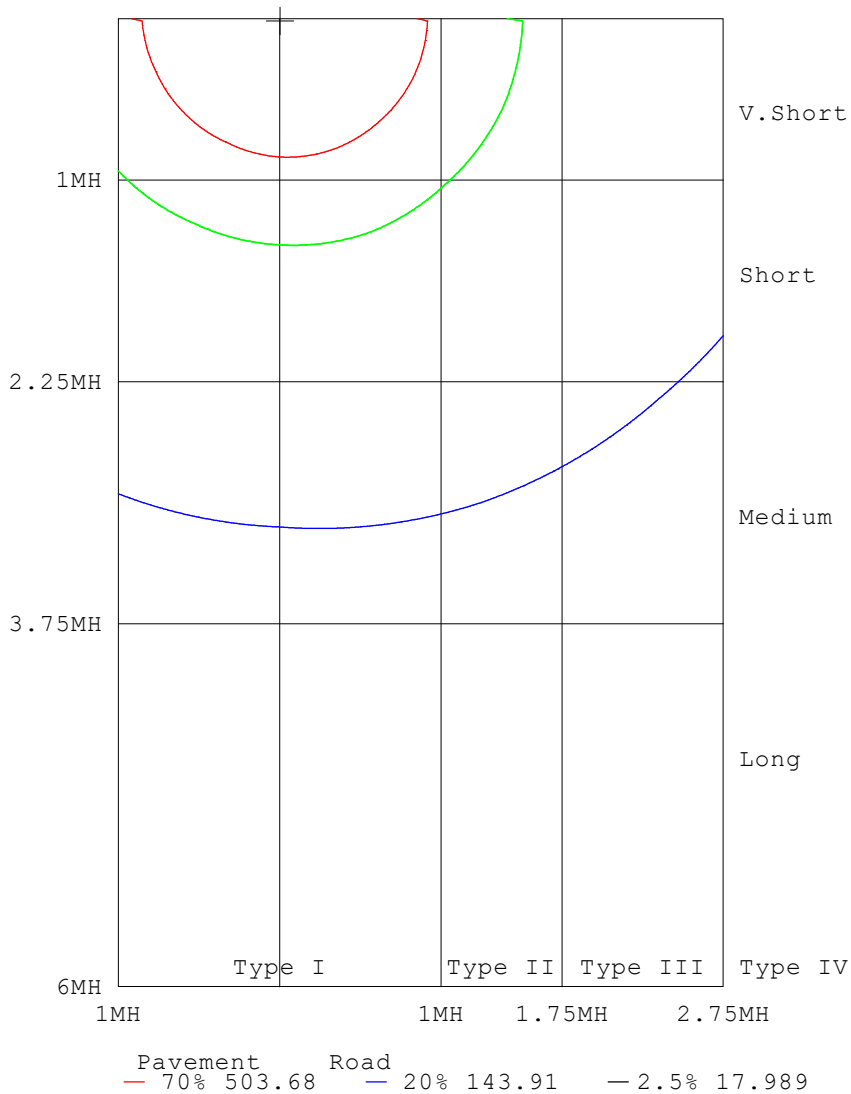
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.600m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.23V I:0.1824A P:20.881W PF:0.9522 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2016.8x1 lm
NAME: ASD-SFL-20WH-SC
SPEC.: 5000K
MFR.: ASD Lighting Corp

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.600m [K=1.0000]
 Remarks:

