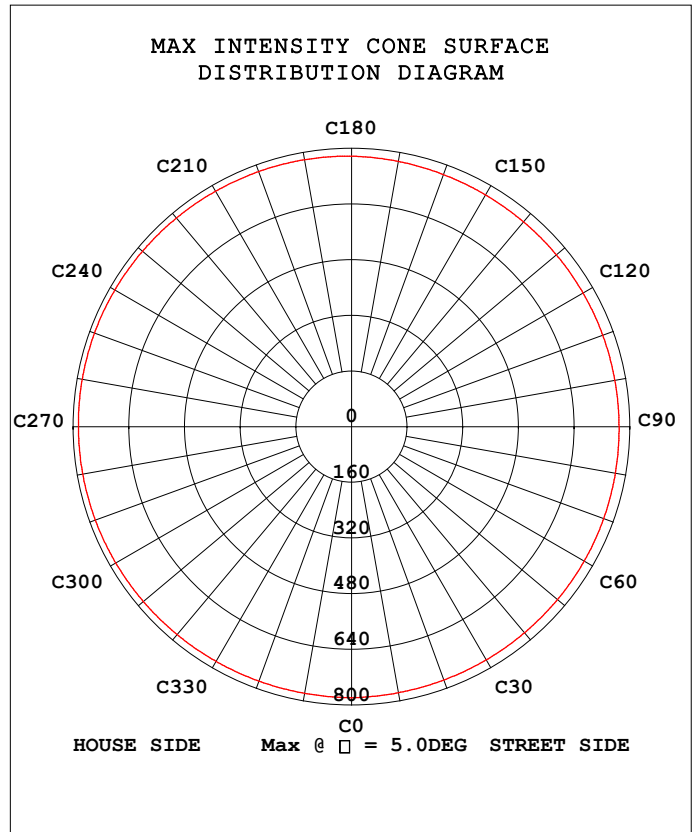
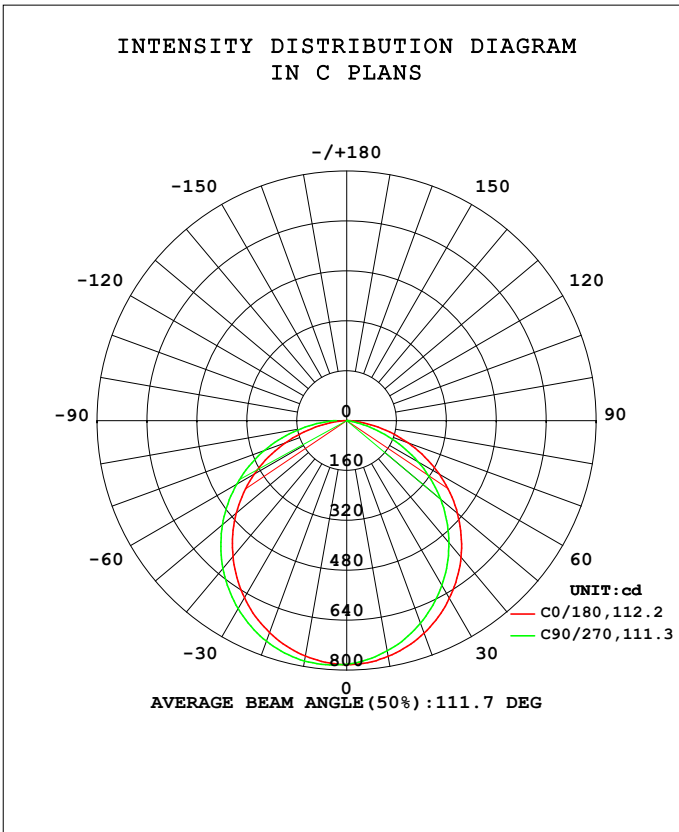


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20WH
SPEC.: 5000K
MFR.: ASD Lighting Corp

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-SFL-20WH	I _{max} (cd)	786.4	<input type="checkbox"/> street_up (%)	0.0
NOMINAL POWER (W)	20	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	44.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2204	<input type="checkbox"/> house_up (%)	0.0
NOMINAL FLUX (lm)	2204	MAXIMUM @ (C, <input type="checkbox"/>)	248,5.0	<input type="checkbox"/> house_down (%)	55.1
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	<input type="checkbox"/> down (%)	100.0	SLI	

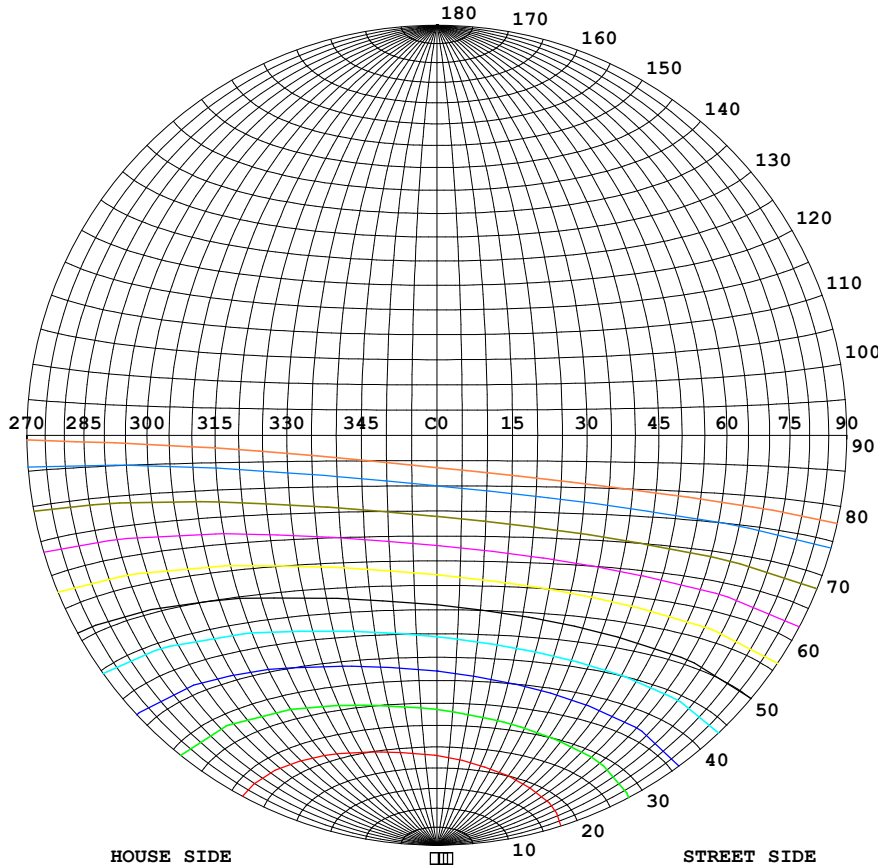


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-20

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:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
SPEC.: 5000K
MFR.: ASD Lighting Corp



Classification:

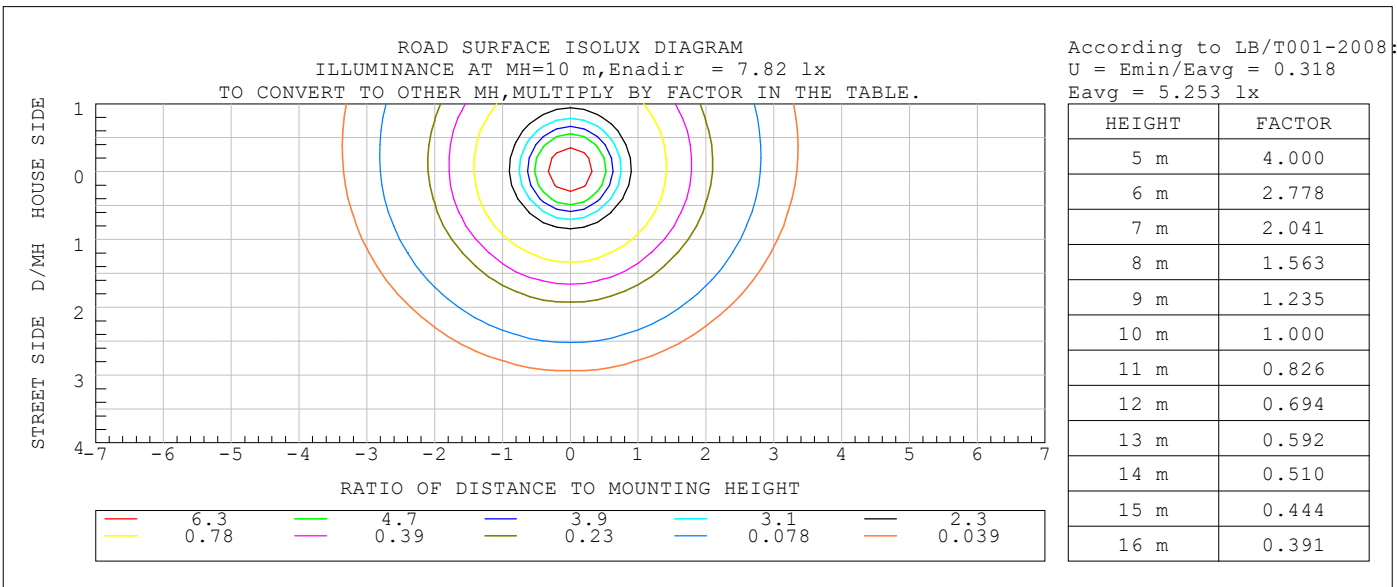
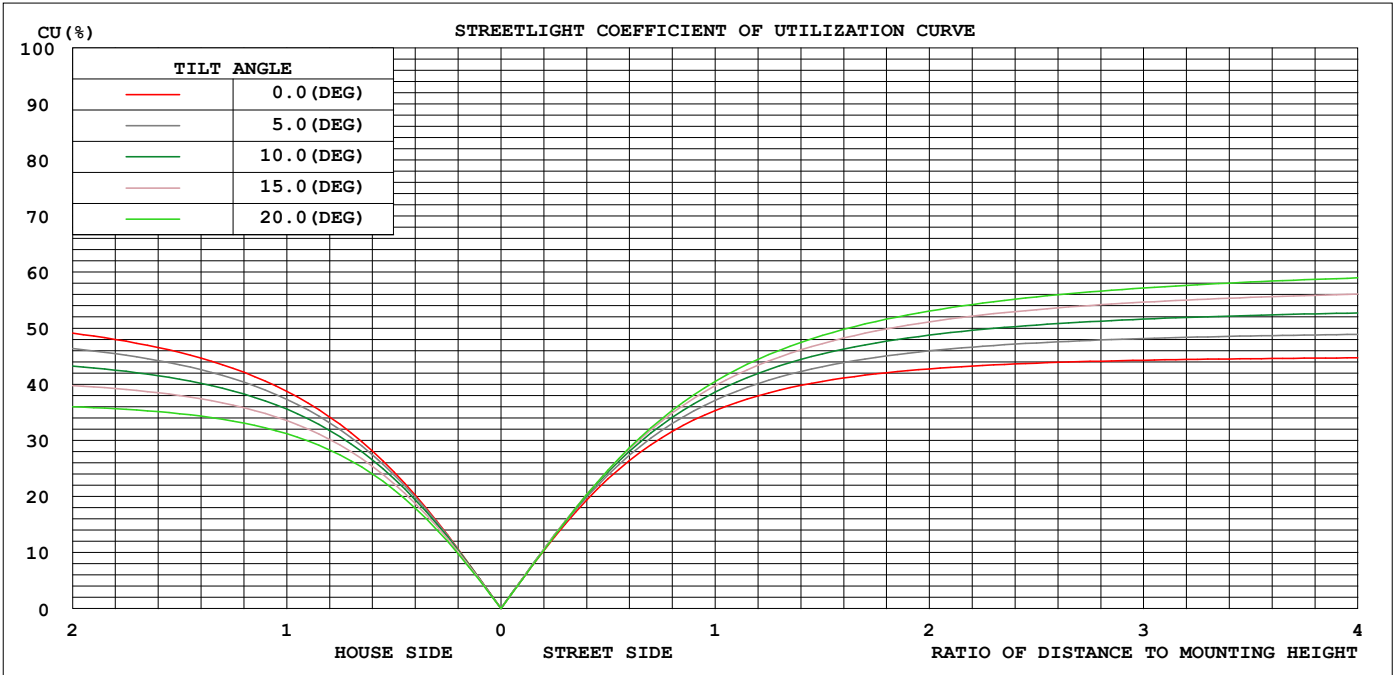
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:67.32cd/klm
 Max.At90:15.33cd/klm
 Max.80-90:67.32cd/klm
 NRB 5101:Limited[6.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	786
— 90%	708
— 80%	629
— 70%	550
— 60%	472
— 50%	393
— 40%	315
— 30%	236
— 20%	157
— 10%	79
— 5%	39

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:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
SPEC.: 5000K
MFR.: ASD Lighting Corp

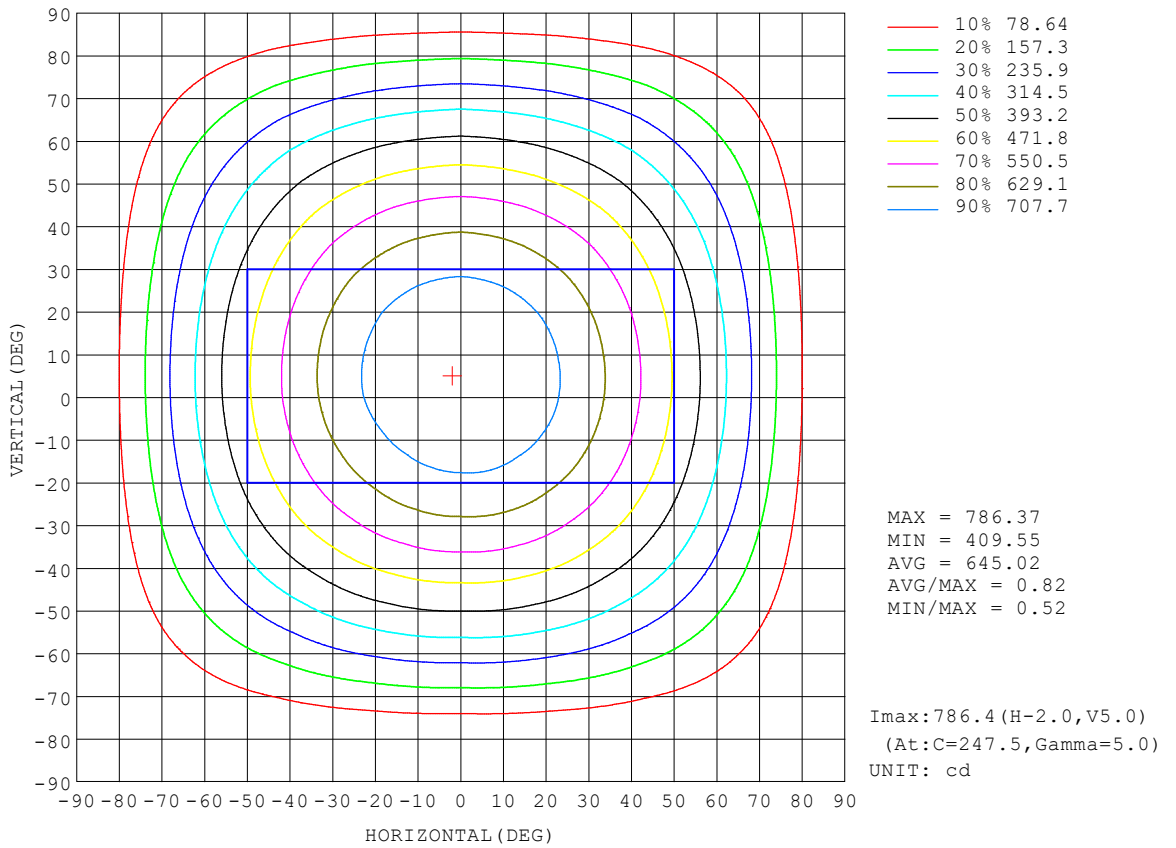
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	767.2	756.1	749.6	751.3	766.4	778.0	782.2	774.7	0- 10	73.80	73.80	3.35,3.35
20	725.0	703.0	691.4	697.2	723.4	745.1	752.4	742.7	10- 20	210.9	284.7	12.9,12.9
30	658.3	626.8	610.3	620.7	655.7	686.0	696.2	684.3	20- 30	318.6	603.3	27.4,27.4
40	570.6	530.1	509.8	524.5	567.9	604.2	618.0	603.3	30- 40	383.2	986.5	44.8,44.8
50	464.5	417.4	393.9	411.8	461.9	504.5	520.0	503.8	40- 50	396.9	1383	62.8,62.8
60	342.3	289.8	264.7	285.6	342.1	389.1	407.2	389.3	50- 60	358.0	1741	79,79
70	209.6	155.3	130.2	152.3	209.5	260.9	281.4	261.5	60- 70	270.7	2012	91.3,91.3
80	78.28	33.38	18.02	33.14	78.12	127.4	148.4	128.4	70- 80	150.0	2162	98.1,98.1
90	1.270	0.9155	1.006	0.9671	1.522	18.87	33.78	18.97	80- 90	41.73	2204	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

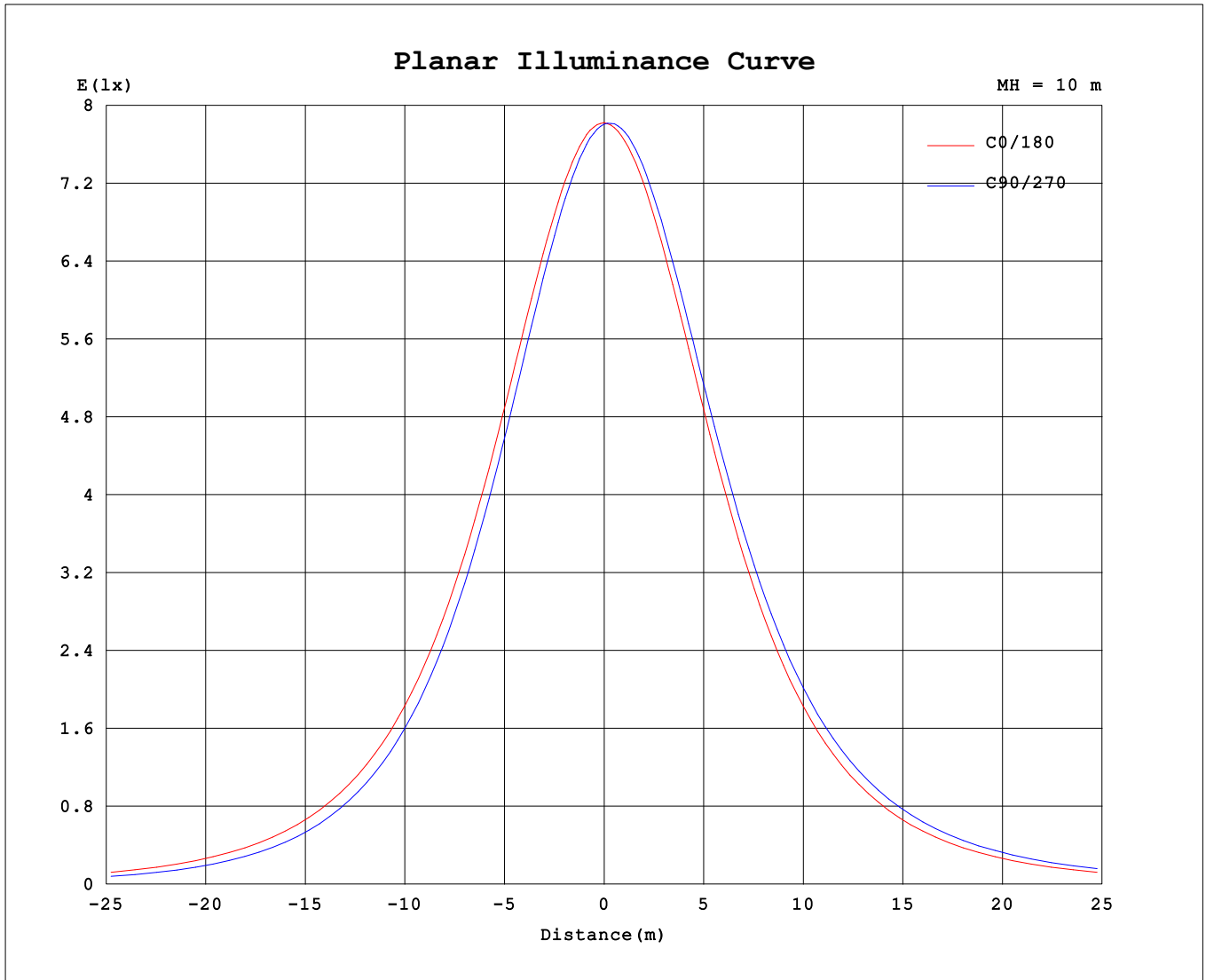
Test:U:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
SPEC.: 5000K
MFR.: ASD Lighting Corp



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



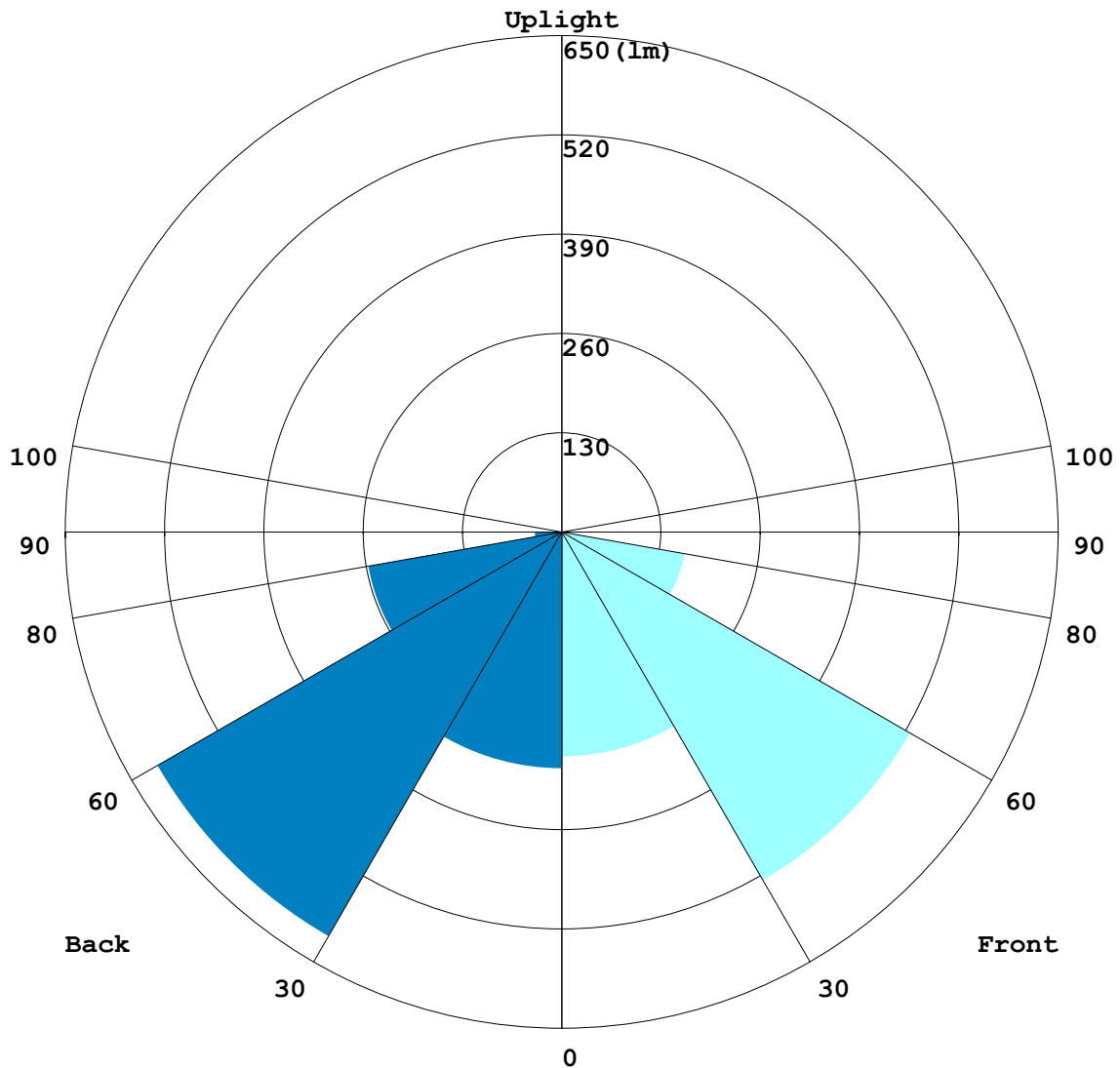
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-20

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:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
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:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
SPEC.: 5000K
MFR.: ASD Lighting Corp

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	293.82	13.3
FM - Front-Medium(30-60)	526.72	23.9
FH - Front-High(60-80)	163.44	7.4
FVH - Front-Very High(80-90)	6.3841	0.3
Total Forward Light	990.36	44.9

BL - Back-Low(0-30)	309.48	14.0
BM - Back-Medium(30-60)	611.29	27.7
BH - Back-High(60-80)	257.2	11.7
BVH - Back-Very High(80-90)	35.343	1.6
Total Back Light	1213.3	55.1

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
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1213.3	0	1213.3
Street Side	990.36	0	990.36

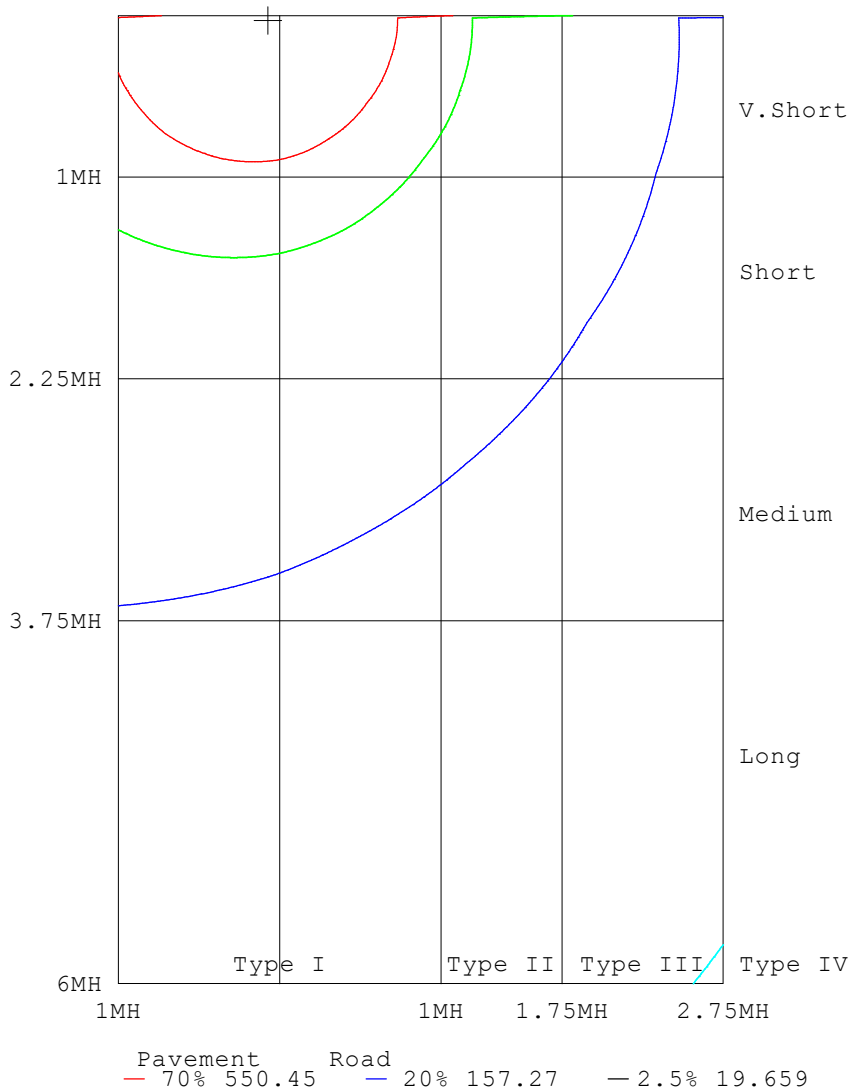
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-20

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:

ROAD ISOCANDELA REPORT

Test:U:120.20V I:0.1778A P:20.095W PF:0.9404 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2203.68x1 lm
NAME: ASD-SFL-20BK
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:

