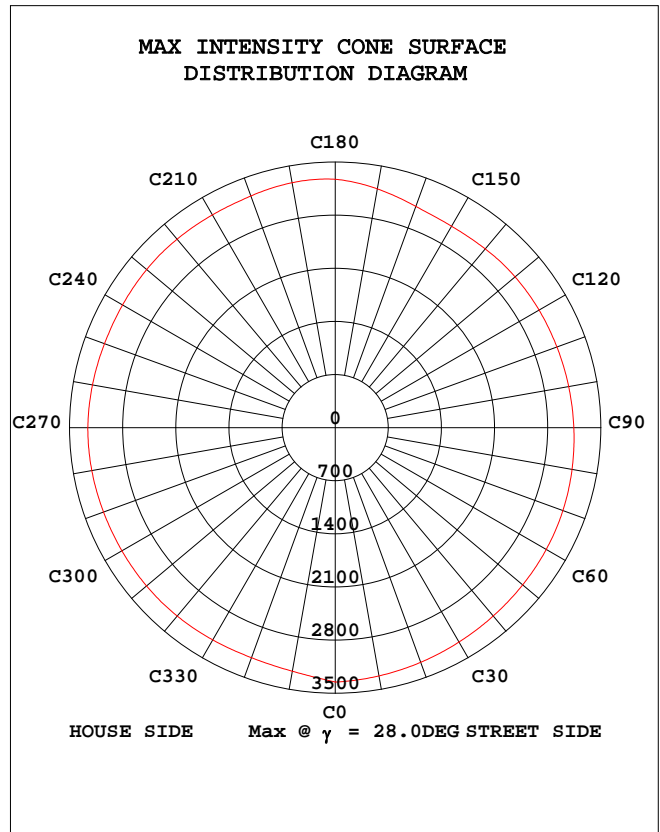
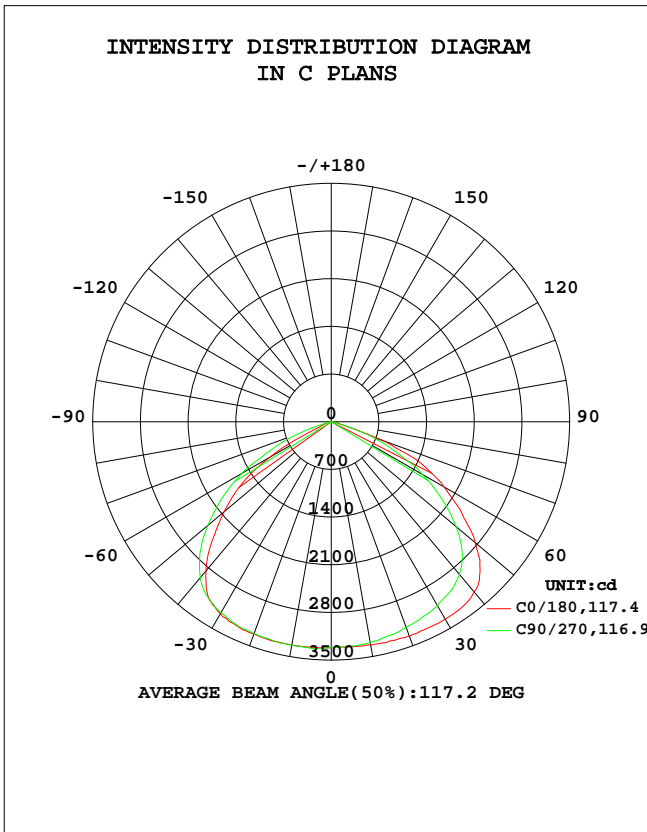


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.94 lm/W			
MODEL		I _{max} (cd)	3352	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	51.3
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	9775	η house_up(%)	0.0
NOMINAL FLUX(lm)	9774.86	MAXIMUM @(C,γ)	0,28.0	η house_down(%)	48.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)		η down(%)	100.0	SLI	17.541

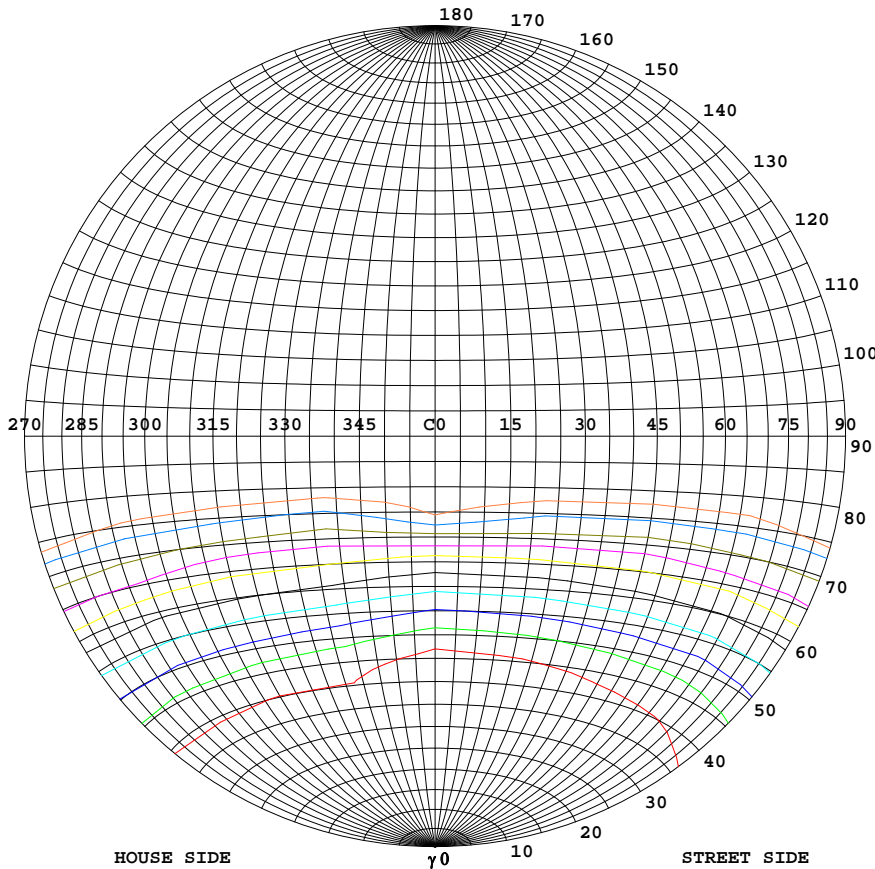


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity: 65.0%
 Test Distance: 8.200m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

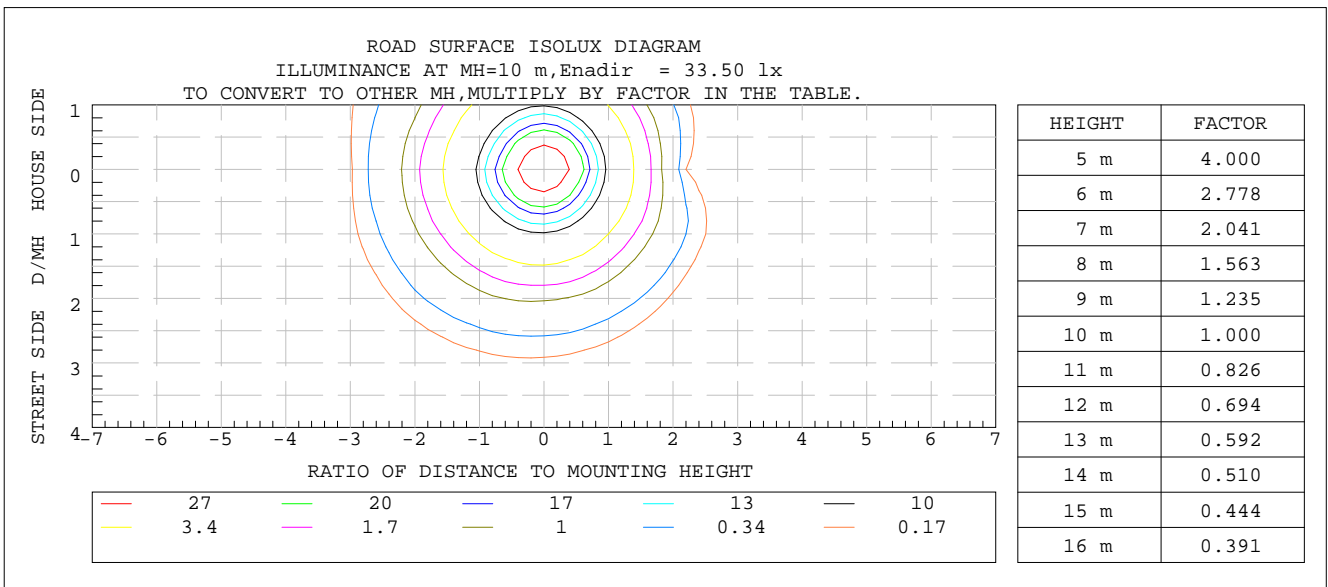
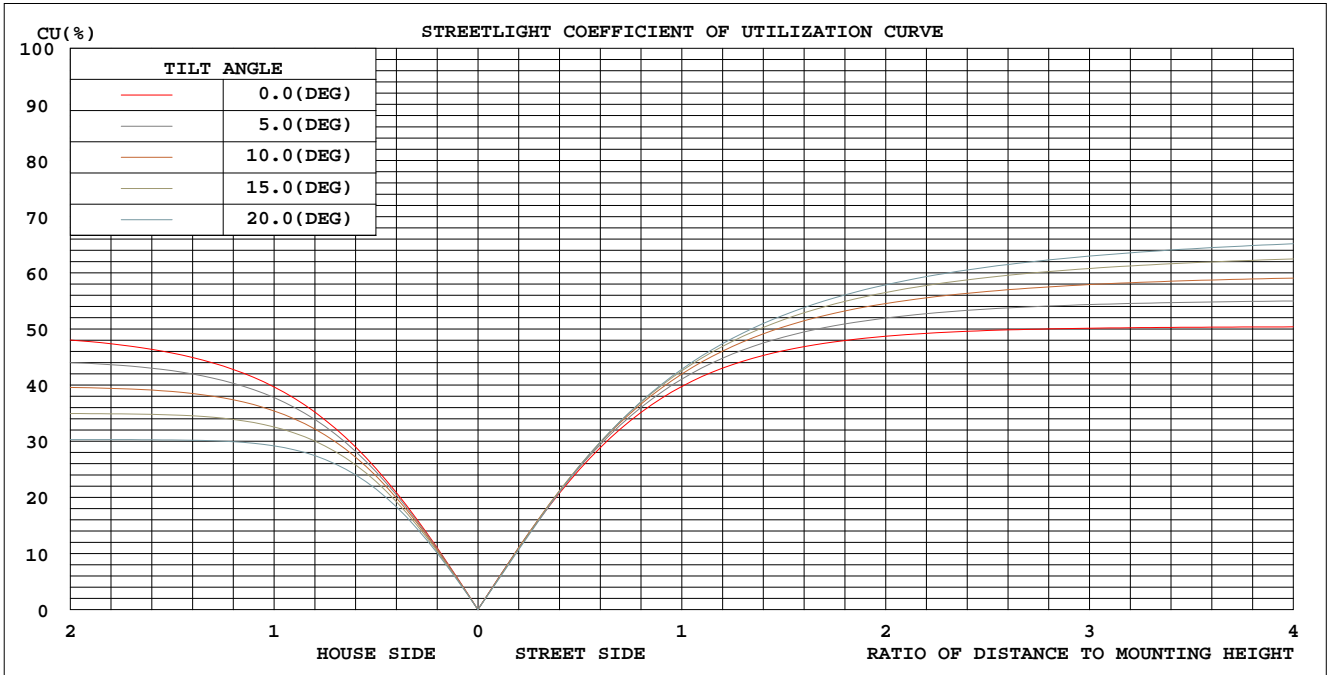
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:10.68cd/klm
 Max.At90:0.2899cd/klm
 Max.80-90:10.68cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3352
90%	3017
80%	2682
70%	2346
60%	2011
50%	1676
40%	1341
30%	1006
20%	670
10%	335
5%	168

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

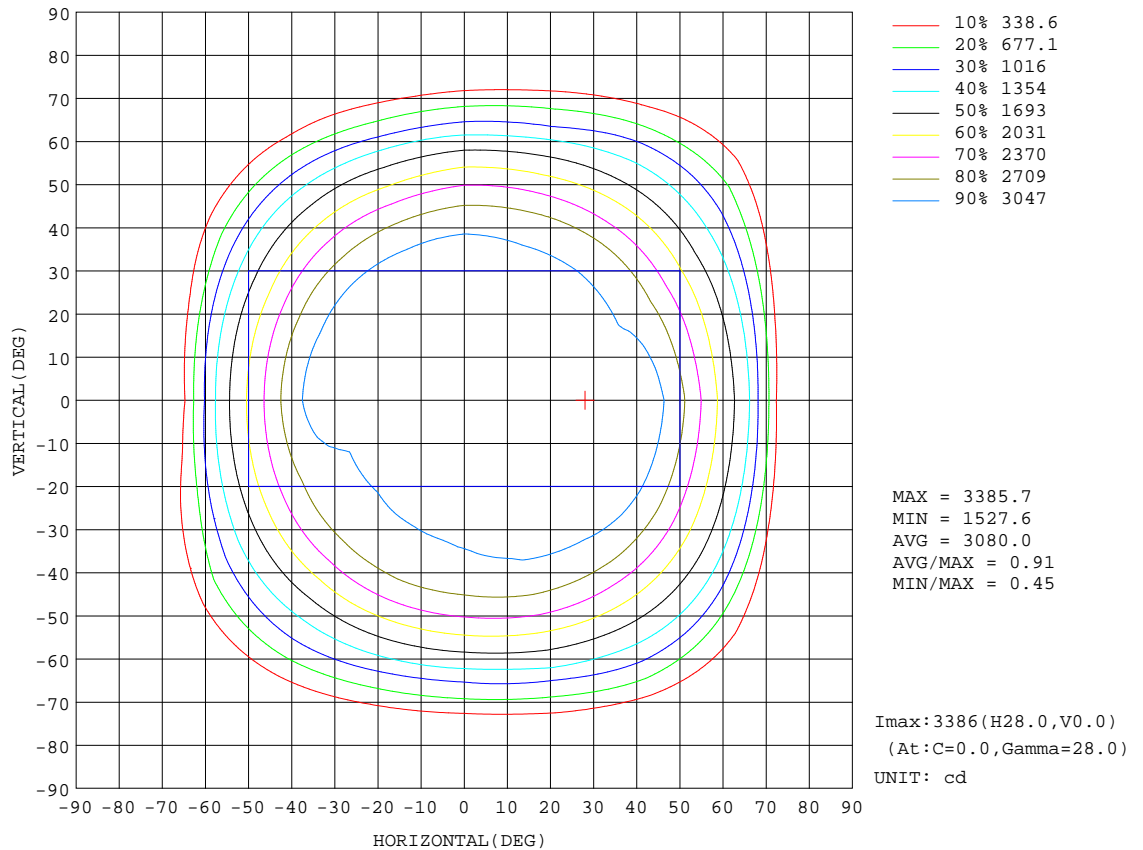
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3329	3316	3292	3261	3327	3331	3328	3325	0- 10	316.5	316.5	3.24,3.24
20	3350	3274	3213	3182	3316	3303	3308	3297	10- 20	933.2	1250	12.8,12.8
30	3347	3214	3118	3053	3258	3221	3237	3225	20- 30	1497	2747	28.1,28.1
40	3260	3089	2927	2816	2859	2877	2991	3040	30- 40	1948	4695	48,48
50	2758	2596	2394	2156	2050	2113	2362	2471	40- 50	2086	6780	69.4,69.4
60	1908	1773	1547	1355	1031	1238	1514	1663	50- 60	1736	8516	87.1,87.1
70	801.0	829.7	608.0	441.1	121.2	250.9	478.5	749.3	60- 70	1010	9526	97.5,97.5
80	81.24	103.2	42.72	33.50	10.48	22.66	33.77	76.99	70- 80	231.1	9757	99.8,99.8
90	2.834	1.977	0.6965	0.4665	0.8299	0.8236	0.8617	1.426	80- 90	17.77	9775	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:25.3DEG
 Operators:DAMIN
 Test Date:23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

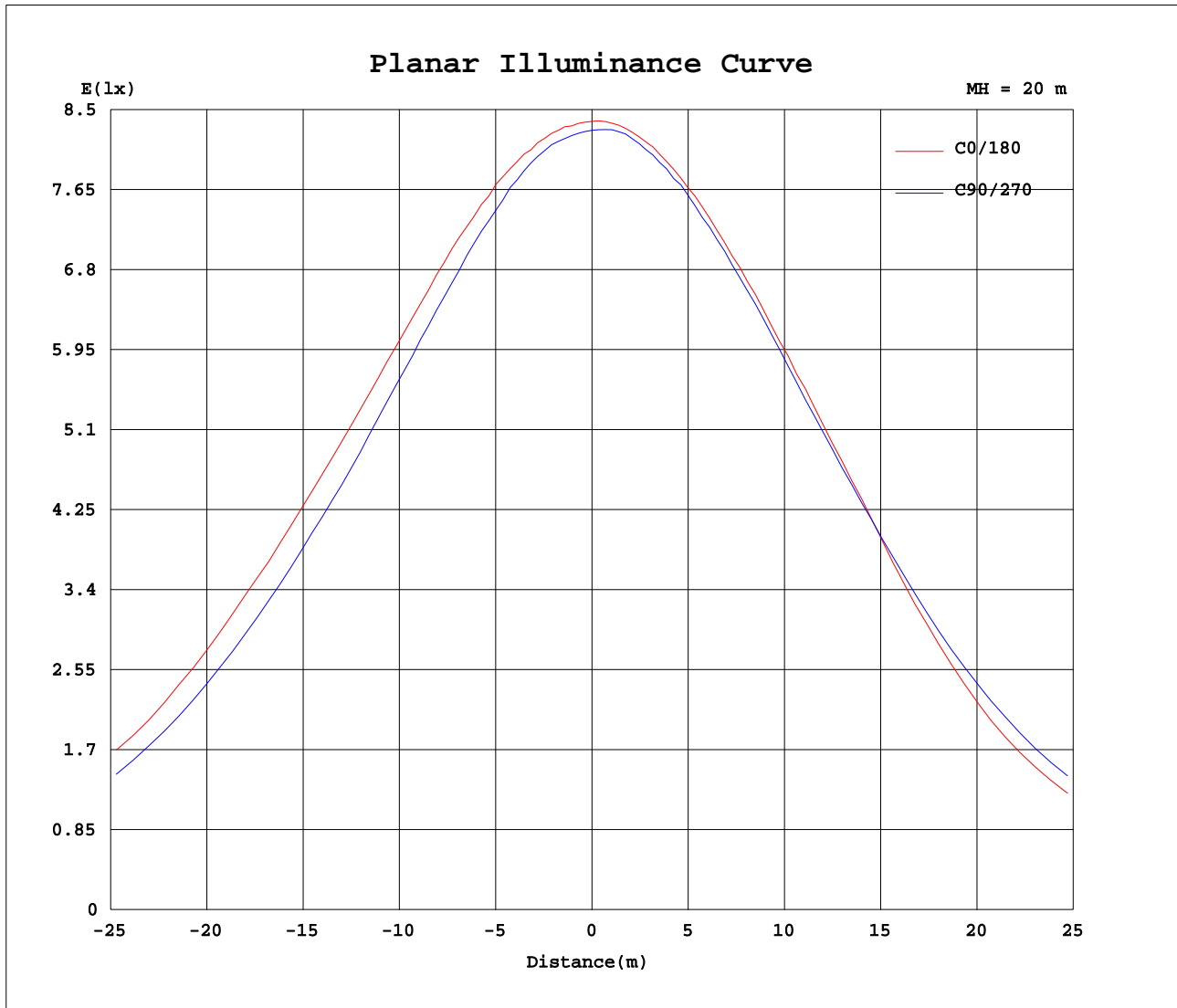
Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity: 65.0%
 Test Distance: 8.200m [K=1.0000]
 Remarks:

Planar Illuminance Curve



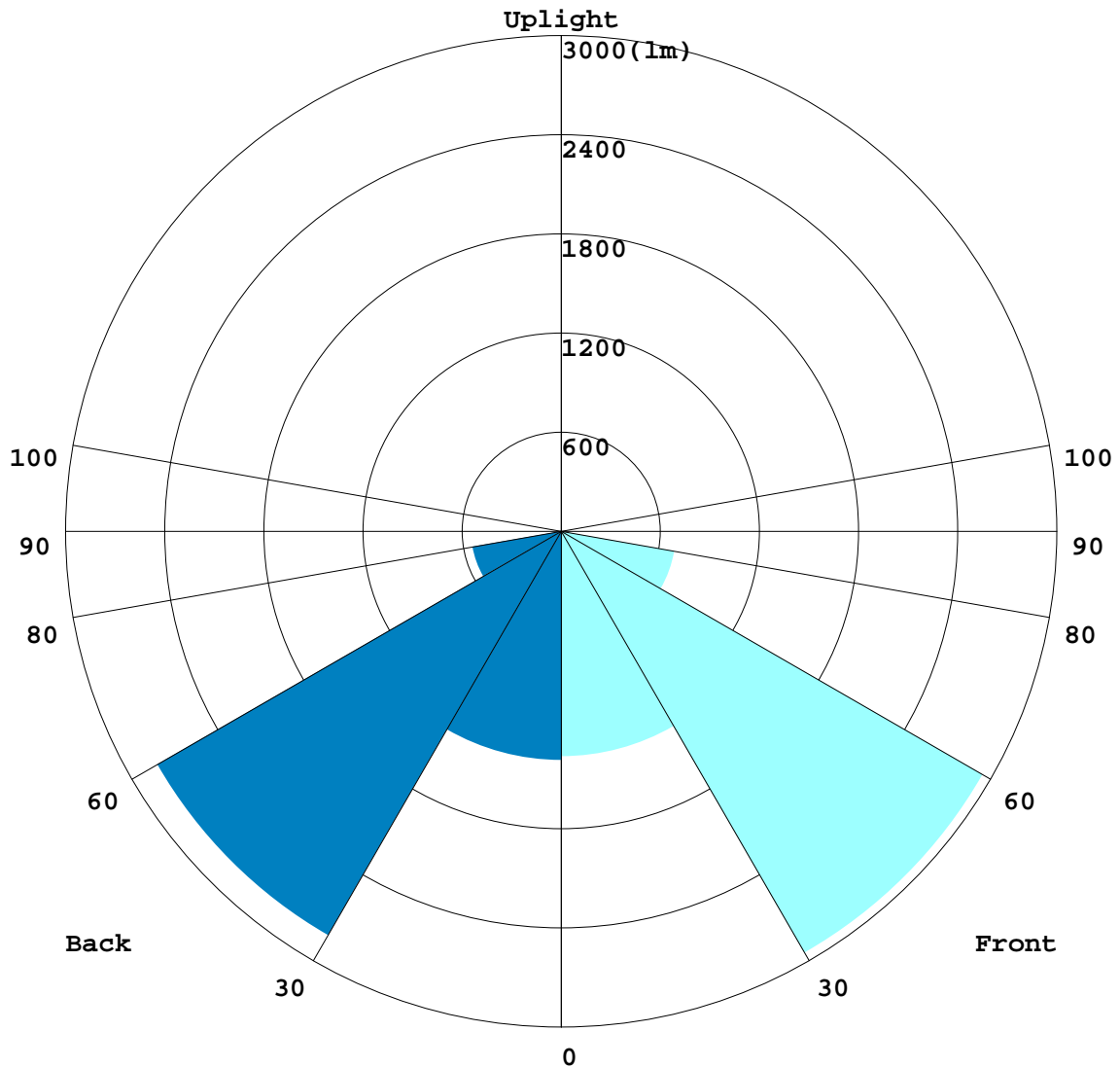
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity: 65.0%
 Test Distance: 8.200m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz		
Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1362.3	13.9
FM - Front-Medium(30-60)	2946	30.1
FH - Front-High(60-80)	695.85	7.1
FVH - Front-Very High(80-90)	11.244	0.1
Total Forward Light	5015.4	51.3

BL - Back-Low(0-30)	1384.8	14.2
BM - Back-Medium(30-60)	2823.1	28.9
BH - Back-High(60-80)	545.02	5.6
BVH - Back-Very High(80-90)	6.5295	0.1
Total Back Light	4759.5	48.7

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4759.5	0	4759.5
Street Side	5015.4	0	5015.4

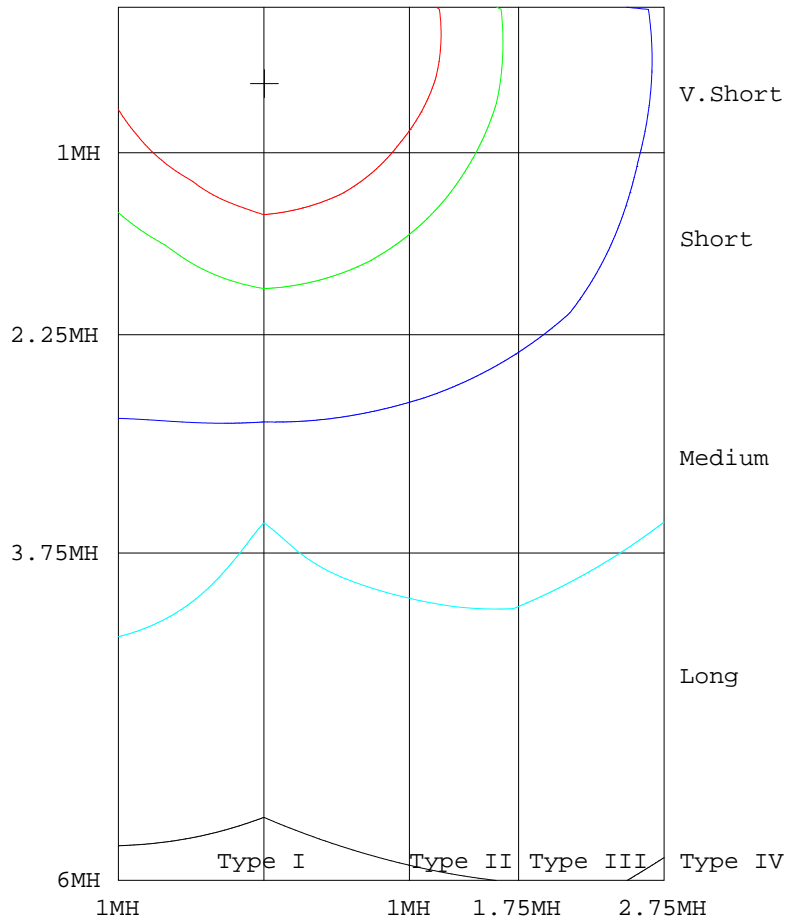
C Range: 0 - 360DEG
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 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:230.09V I:0.4463A P:101.89W PF:0.9922 Freq:49.56Hz Lamp Flux:9774.86x1 lm		
NAME: SLFX10-100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



Pavement	Road	
— 70% 2368.6	— 20% 676.74	— 2.5% 84.592
— 50% 1691.8	— 5% 169.18	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:23 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.200m [K=1.0000]
 Remarks:

