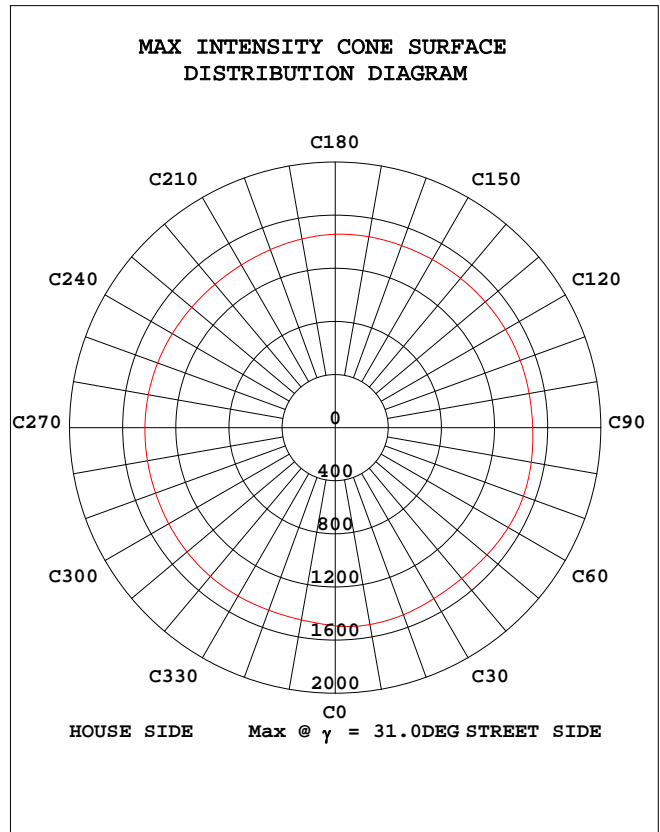
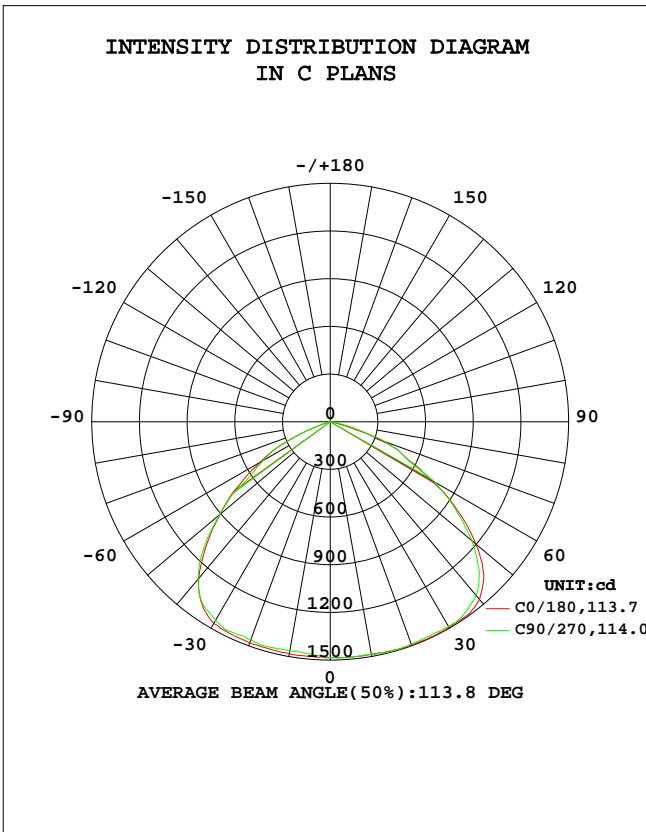


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.59 lm/W			
MODEL		I _{max} (cd)	1508	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	54.2
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4581	η house_up(%)	0.0
NOMINAL FLUX(lm)	4529.5	MAXIMUM @(C,γ)	68,31.0	η house_down(%)	45.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	15.141

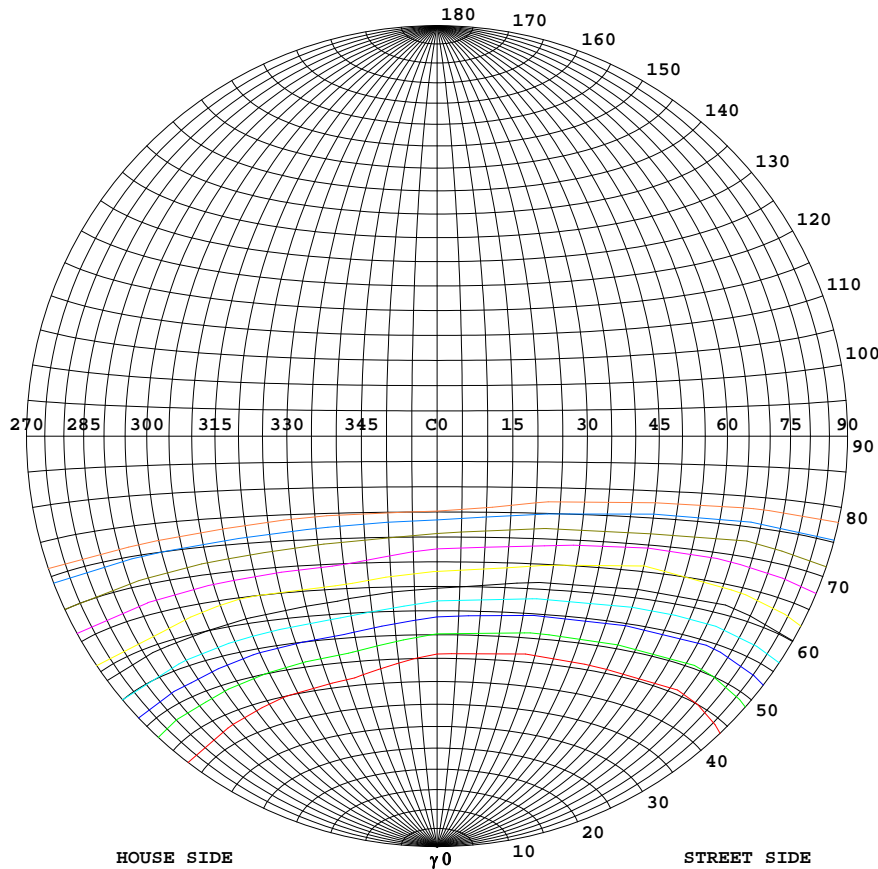


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:7.700m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

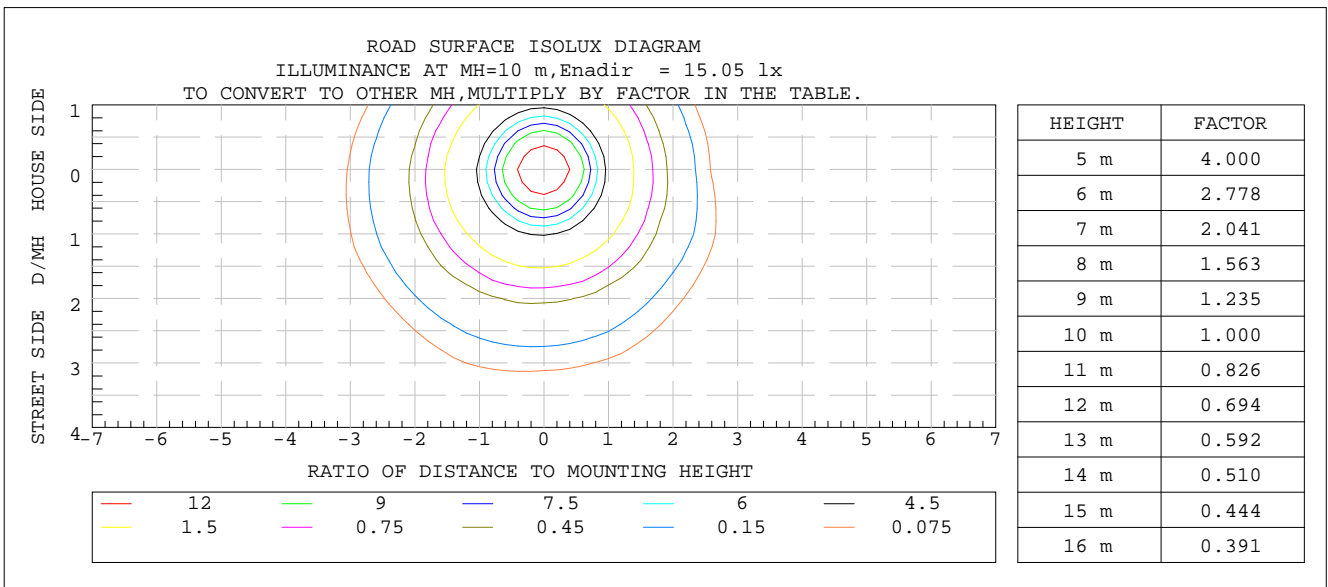
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:10.34cd/klm
 Max.At90:0.5012cd/klm
 Max.80-90:10.34cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1508
90%	1357
80%	1207
70%	1056
60%	905
50%	754
40%	603
30%	452
20%	302
10%	151
5%	75

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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:7.700m [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: 22 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: 7.700m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

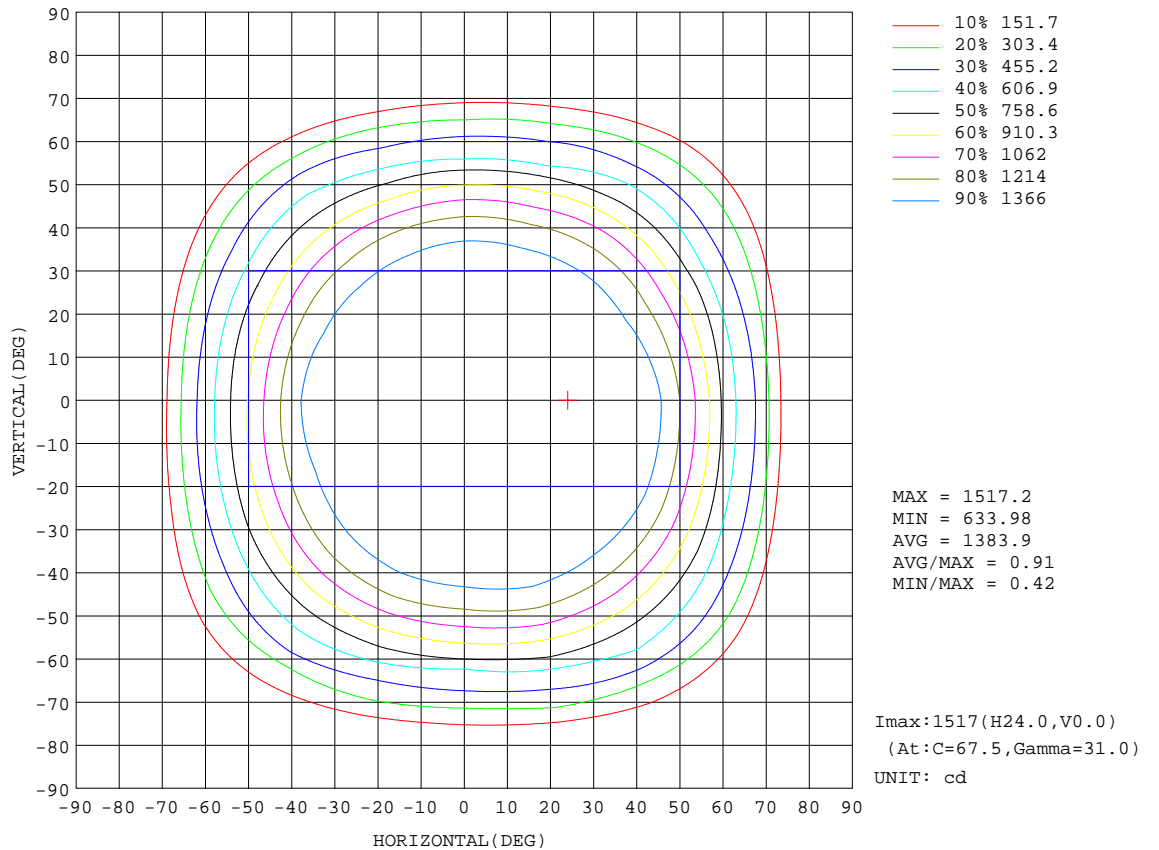
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1486	1486	1487	1489	1482	1464	1462	1485	0- 10	141.3	141.3	3.23,3.23
20	1496	1485	1489	1485	1480	1449	1460	1481	10- 20	419.4	560.8	12.8,12.8
30	1491	1487	1490	1475	1465	1417	1443	1461	20- 30	680.6	1241	28.4,28.4
40	1460	1450	1427	1380	1287	1242	1295	1369	30- 40	896.5	2138	48.9,48.9
50	1197	1229	1163	1077	905.2	862.4	906.4	1032	40- 50	941.8	3080	70.5,70.5
60	720.1	816.3	760.7	676.8	509.7	512.3	486.4	599.8	50- 60	749.3	3829	87.6,87.6
70	329.7	406.8	369.4	274.0	92.83	87.08	106.8	183.9	60- 70	432.4	4261	97.5,97.5
80	16.47	37.92	45.22	31.50	8.767	5.643	5.052	8.879	70- 80	102.9	4364	99.8,99.8
90	1.024	1.929	2.019	1.120	0.5352	0.4109	0.3818	0.4410	80- 90	7.007	4371	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:22 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:7.700m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

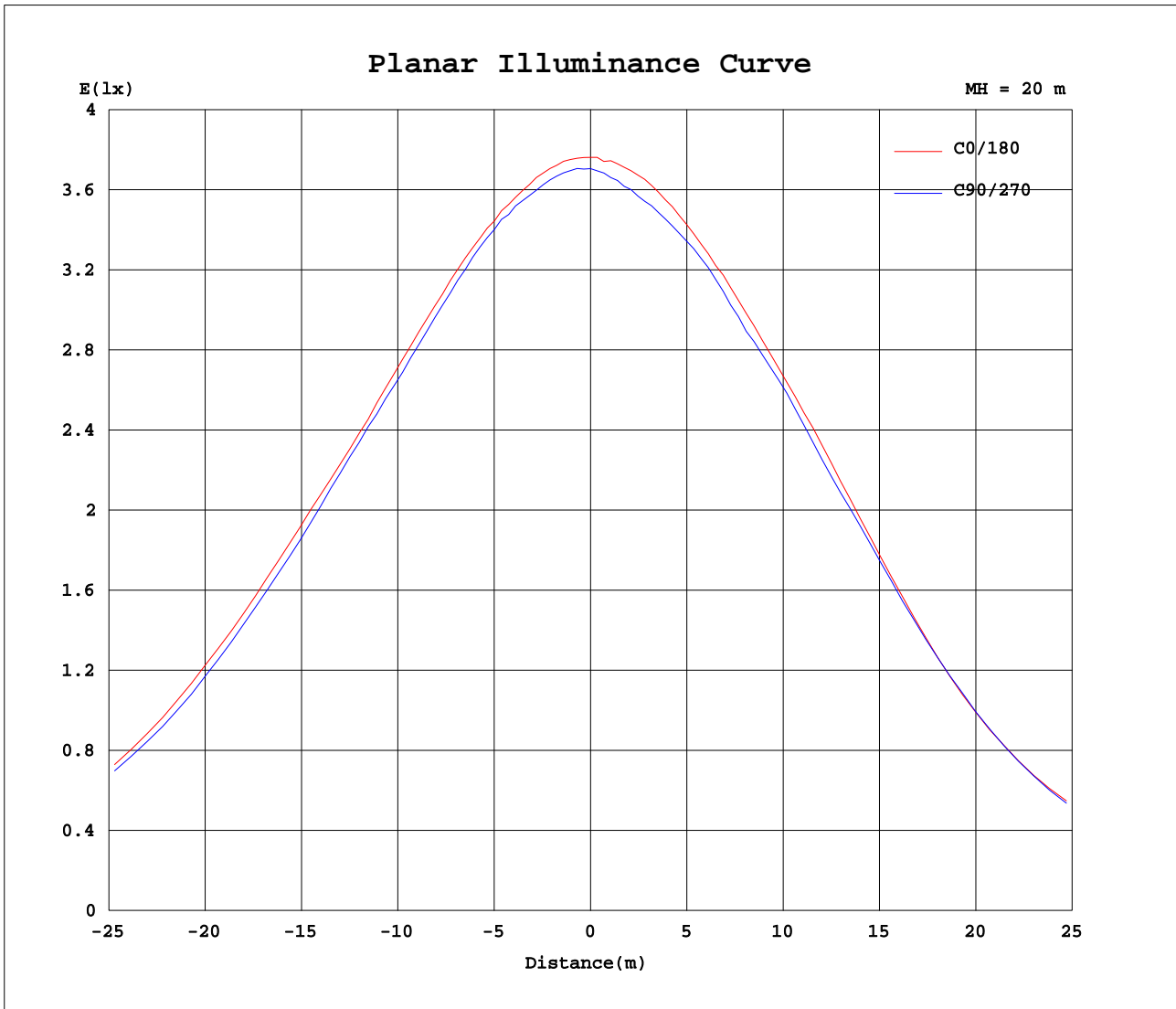
Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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:7.700m [K=1.0000]
 Remarks:

Planar Illuminance Curve



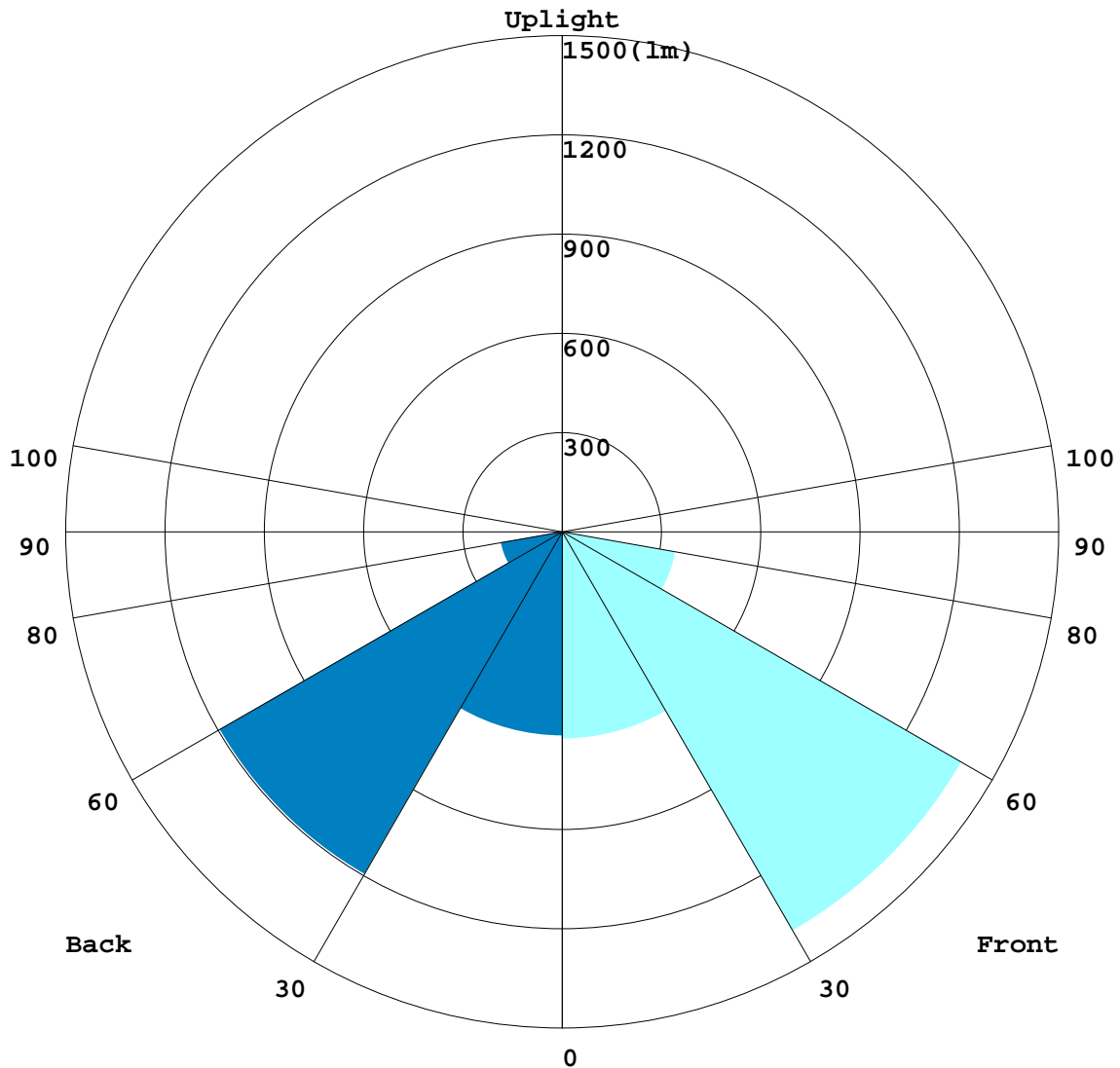
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 22 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity: 65.0%
 Test Distance: 7.700m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	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:22 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:7.700m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	625.51	14.3
FM - Front-Medium(30-60)	1392.7	31.9
FH - Front-High(60-80)	347.41	7.9
FVH - Front-Very High(80-90)	5.7172	0.1
Total Forward Light	2371.4	54.2

BL - Back-Low(0-30)	615.86	14.1
BM - Back-Medium(30-60)	1194.9	27.3
BH - Back-High(60-80)	187.91	4.3
BVH - Back-Very High(80-90)	1.2898	0.0
Total Back Light	1999.9	45.8

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	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1999.9	0	1999.9
Street Side	2371.4	0	2371.4

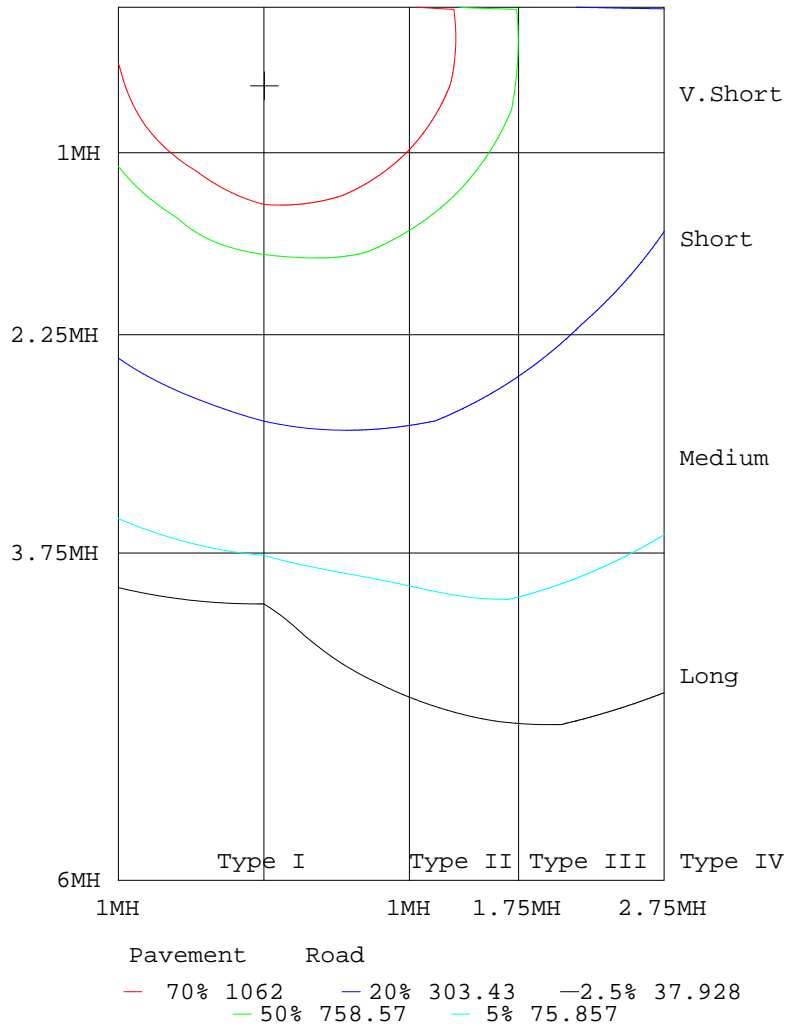
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 February 2023

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:7.700m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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:7.700m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.12V I:0.2140A P:48.252W PF:0.9800 Freq:49.56Hz		
Lamp Flux:4371.26x1 lm		
NAME: SLFX5-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484	1484			
5	1486	1485	1489	1487	1486	1492	1490	1480	1482	1477	1476	1471	1466	1474	1480	1481			
10	1486	1481	1486	1489	1487	1487	1489	1484	1482	1470	1464	1456	1462	1477	1485	1485			
15	1493	1485	1490	1499	1494	1493	1486	1481	1480	1469	1453	1451	1470	1480	1485	1487			
20	1496	1484	1485	1499	1489	1489	1485	1469	1480	1462	1449	1443	1460	1468	1481	1478			
25	1496	1485	1480	1501	1486	1480	1473	1465	1475	1455	1441	1446	1461	1459	1461	1466			
30	1491	1490	1487	1508	1490	1482	1475	1463	1465	1434	1417	1427	1443	1446	1461	1462			
35	1492	1492	1481	1497	1472	1471	1454	1423	1405	1364	1362	1376	1399	1411	1441	1457			
40	1460	1467	1450	1462	1427	1413	1380	1333	1287	1242	1242	1257	1295	1319	1369	1401			
45	1368	1385	1371	1376	1326	1303	1259	1182	1105	1072	1069	1088	1124	1153	1224	1285			
50	1197	1234	1229	1225	1163	1135	1077	996	905	867	862	877	906	946	1032	1099			
55	981	1029	1033	1026	964	932	878	805	702	684	680	675	647	717	799	875			
60	720	812	816	819	761	738	677	599	510	485	512	467	486	507	600	648			
65	515	589	633	562	518	504	516	422	331	305	286	300	303	356	407	443			
70	330	395	407	408	369	348	274	237	92.8	100	87.1	85.4	107	134	184	250			
75	79.7	143	176	181	160	139	111	81.2	24.3	32.8	23.7	15.9	23.3	21.6	35.8	61.6			
80	16.5	30.9	37.9	34.5	45.2	28.5	31.5	24.7	8.77	7.17	5.64	4.81	5.05	6.00	8.88	13.1			
85	5.02	7.08	8.51	9.85	10.9	8.61	6.55	4.04	2.37	1.46	0.80	0.61	0.78	1.08	1.97	3.33			
90	1.02	1.52	1.93	2.19	2.02	1.87	1.12	0.39	0.54	0.49	0.41	0.37	0.38	0.38	0.44	0.56			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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:7.700m [K=1.0000]
 Remarks: