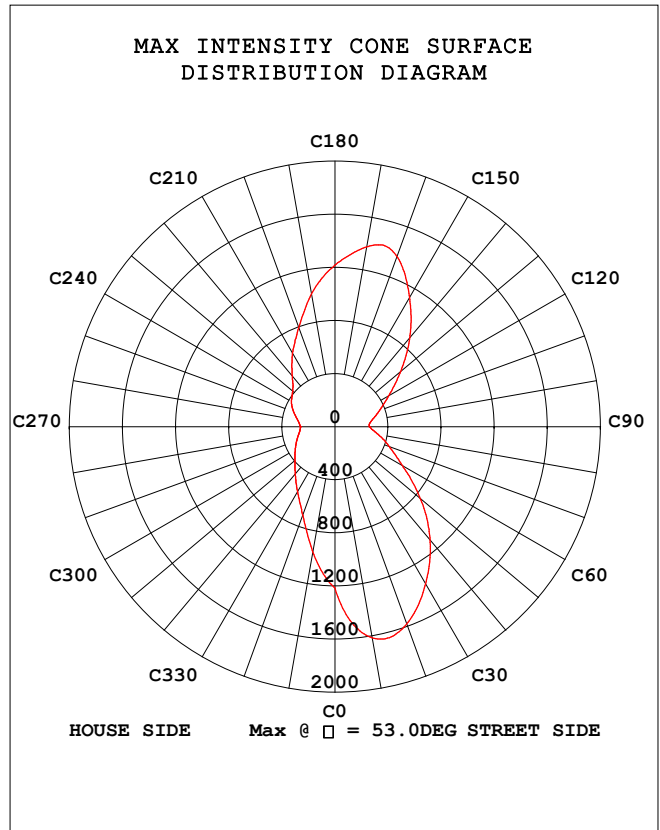
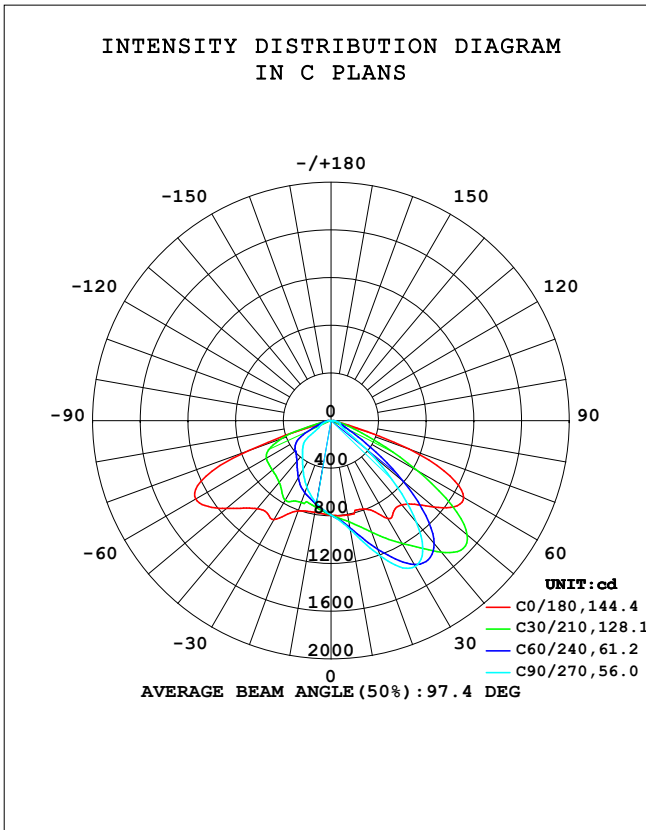


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LM6547	Imax (cd)	1639	<input type="checkbox"/> street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	59.8
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3238	<input type="checkbox"/> house_up (%)	0.0
NOMINAL FLUX (lm)	3238.38	MAXIMUM @ (C, <input type="checkbox"/>)	15,53.0	<input type="checkbox"/> house_down (%)	40.2
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	<input type="checkbox"/> down (%)	100.0	SLI	16.667

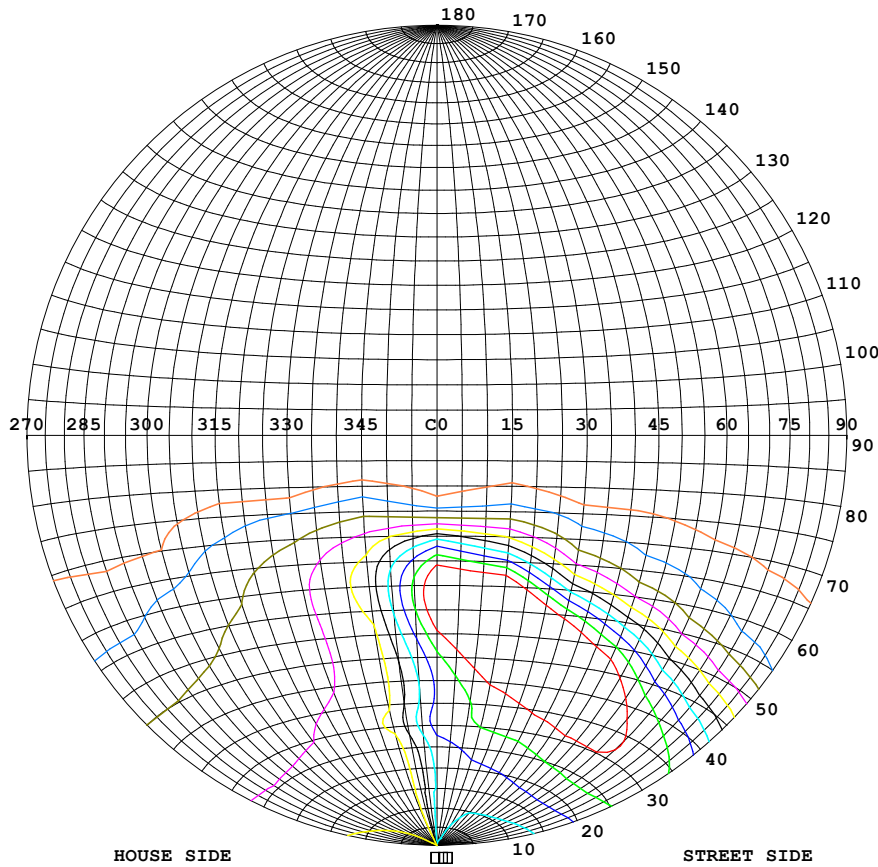


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: SHEN
 Test Date: 2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 7.610m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:



Classification:

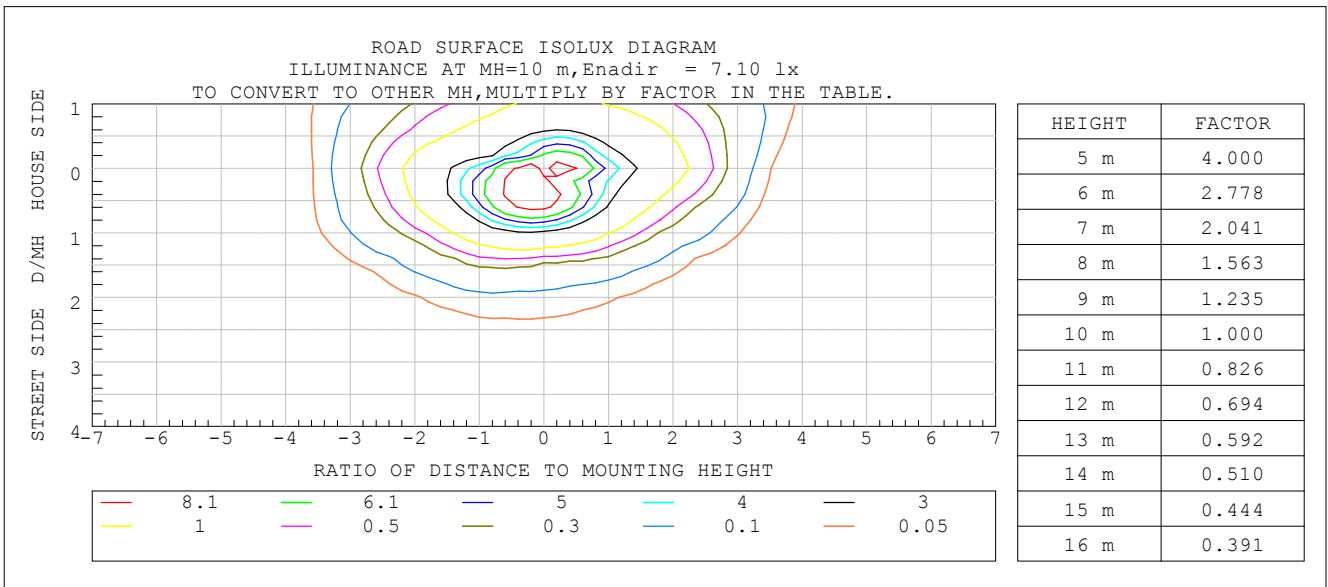
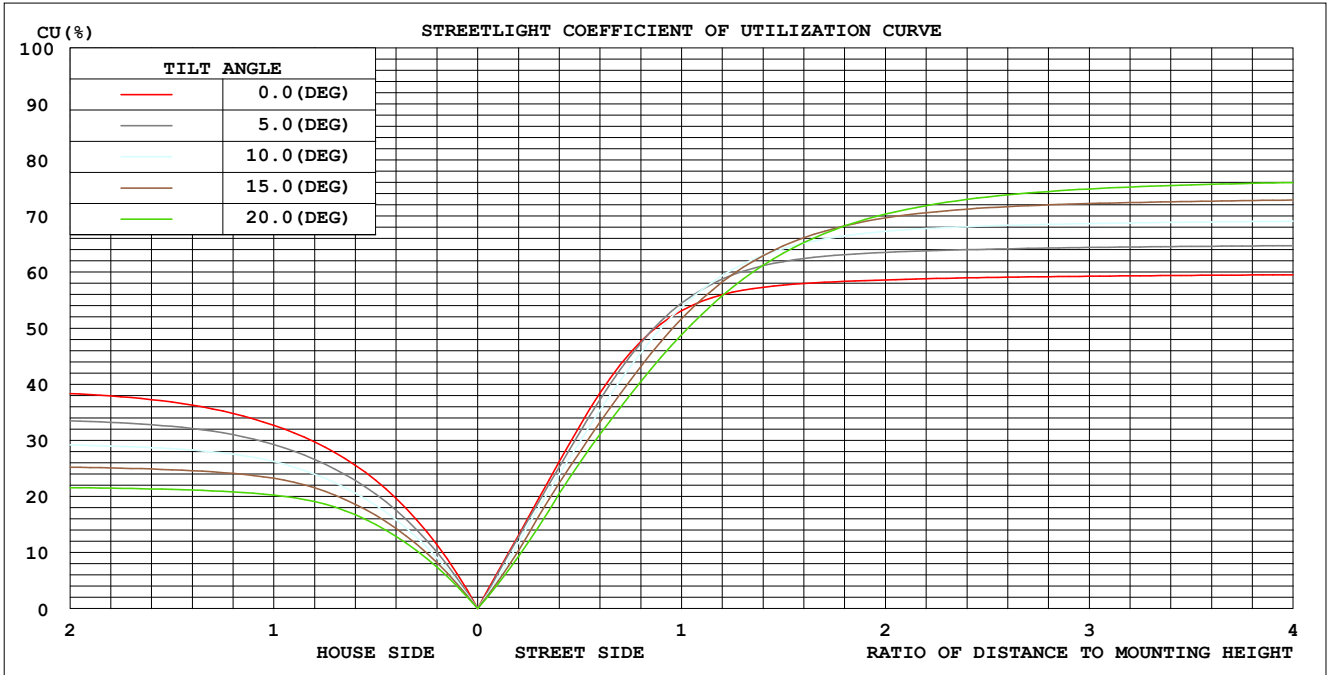
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:40.68cd/klm
 Max.At90:7.608cd/klm
 Max.80-90:40.68cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1639
90%	1475
80%	1311
70%	1147
60%	983
50%	819
40%	656
30%	492
20%	328
10%	164
5%	82

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: SHEN
Test Date: 2024-01-16

□ Range: 0 - 90DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity: 65.0%
Test Distance: 7.610m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

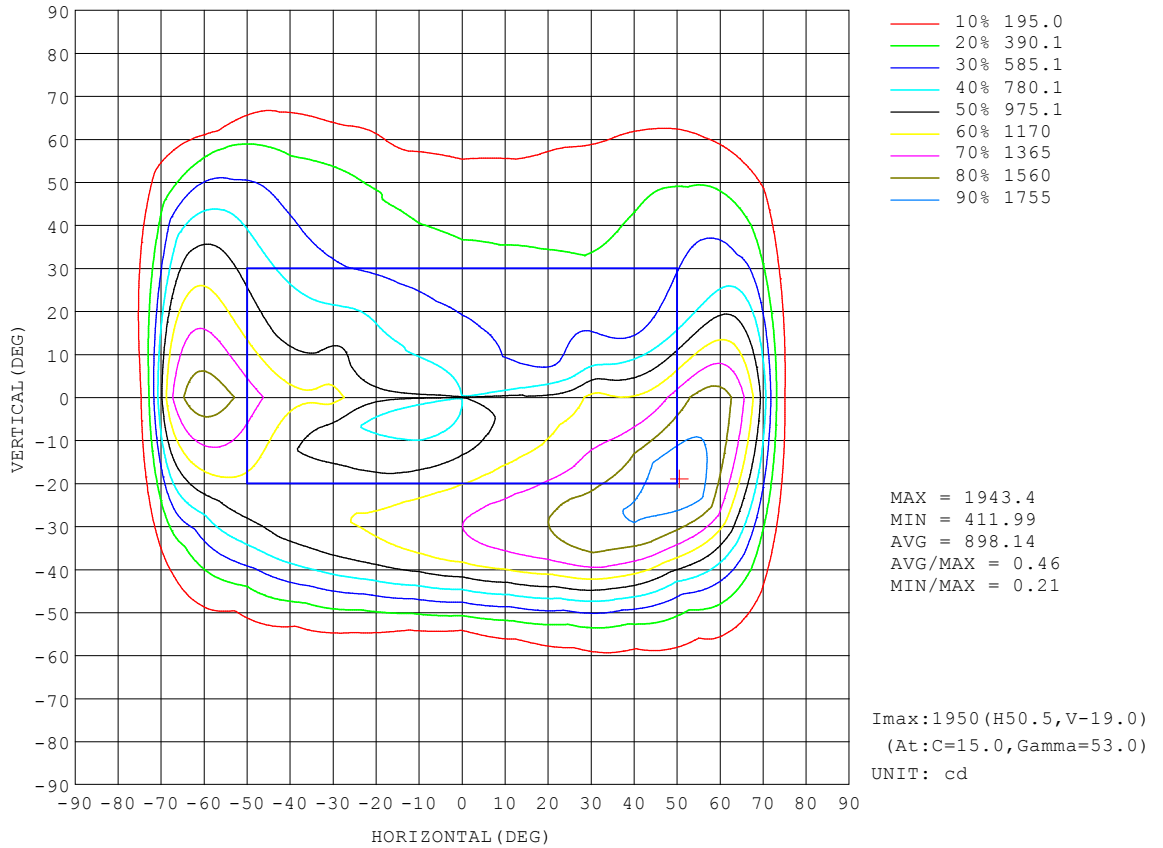
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	804.3	889.4	927.0	874.8	782.0	723.4	705.5	731.4	0- 10	76.29	76.29	2.36,2.36
20	790.7	1080	1206	1068	808.1	677.6	595.6	653.3	10- 20	236.2	312.5	9.65,9.65
30	948.0	1313	1413	1314	959.6	634.6	471.9	588.8	20- 30	423.5	735.9	22.7,22.7
40	923.8	1525	1118	1387	965.5	527.0	375.8	489.4	30- 40	596.3	1332	41.1,41.1
50	1130	1202	451.4	959.6	1148	459.5	302.6	435.7	40- 50	669.7	2002	61.8,61.8
60	1285	452.4	110.8	322.8	1314	408.7	120.7	383.9	50- 60	616.5	2618	80.9,80.9
70	695.5	119.2	76.89	98.90	733.6	239.0	81.29	222.4	60- 70	433.5	3052	94.2,94.2
80	48.16	48.86	42.62	38.50	58.82	73.79	27.41	76.43	70- 80	150.6	3202	98.9,98.9
90	14.09	14.01	10.50	11.36	24.64	14.52	9.615	17.26	80- 90	35.95	3238	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: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

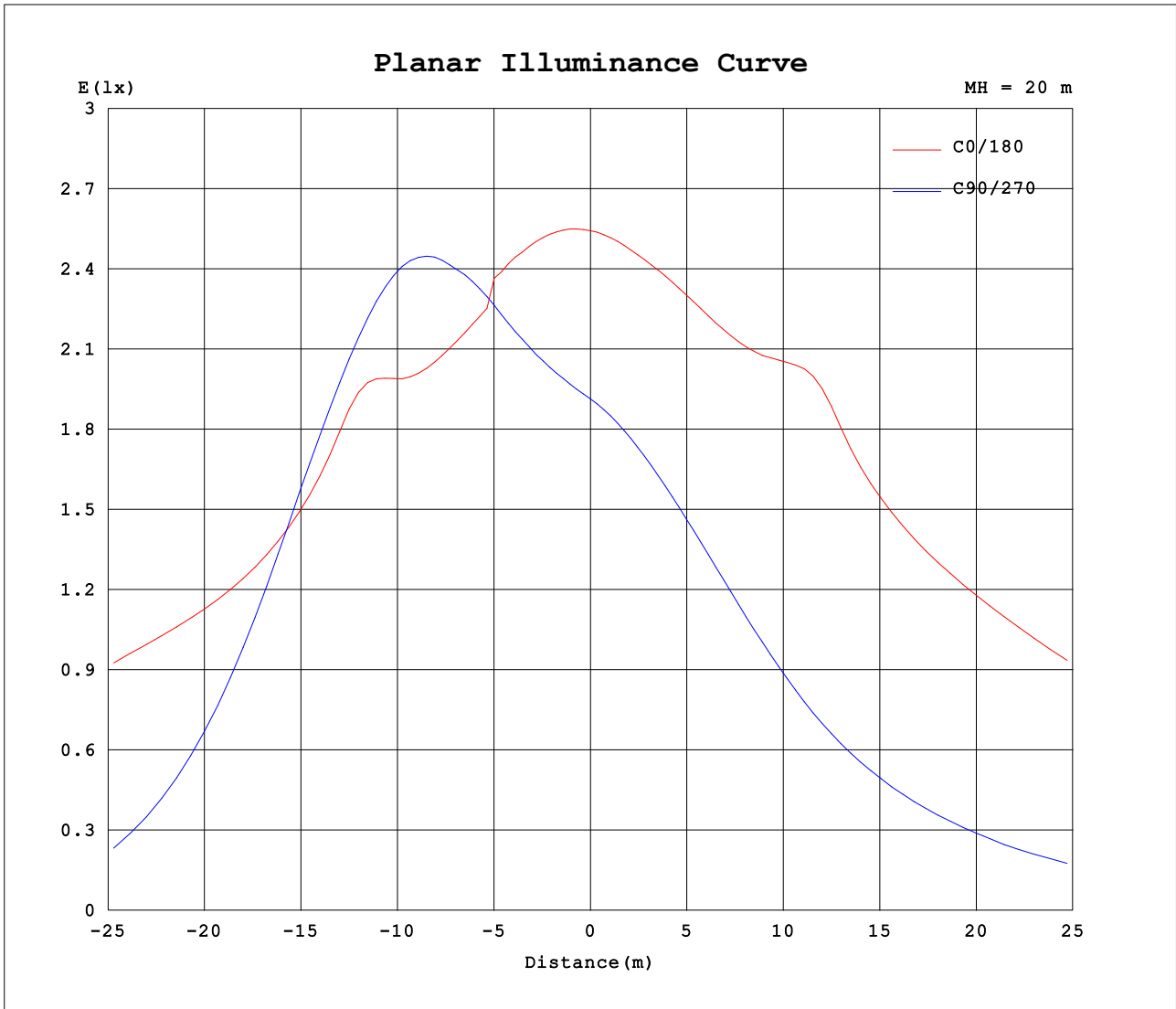
Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

Planar Illuminance Curve



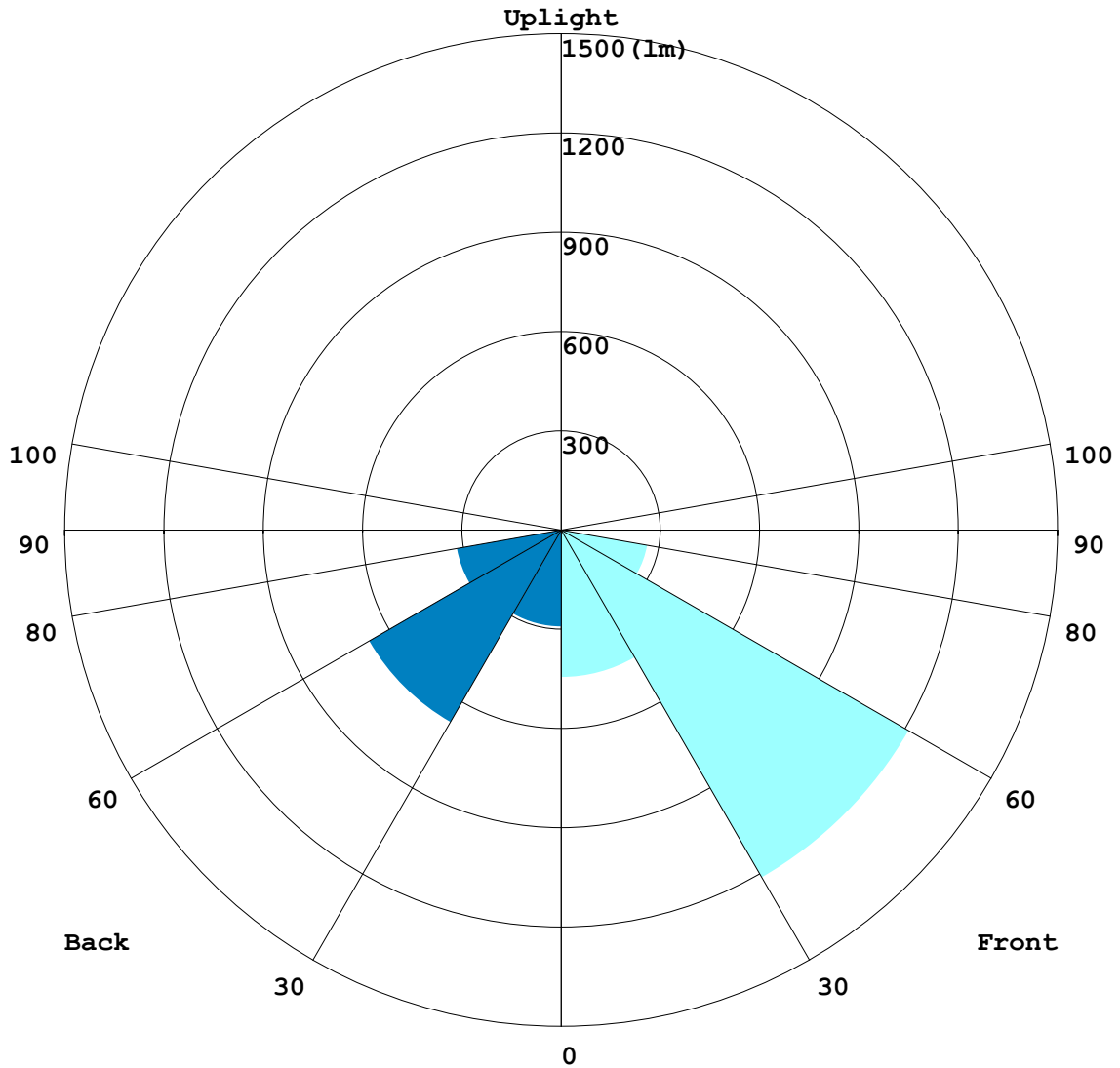
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: SHEN
 Test Date: 2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity: 65.0%
 Test Distance: 7.610m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	444.75	13.7
FM - Front-Medium(30-60)	1212.6	37.4
FH - Front-High(60-80)	263.94	8.2
FVH - Front-Very High(80-90)	16.529	0.5
Total Forward Light	1937.9	59.8

BL - Back-Low(0-30)	291.2	9.0
BM - Back-Medium(30-60)	669.79	20.7
BH - Back-High(60-80)	320.1	9.9
BVH - Back-Very High(80-90)	19.418	0.6
Total Back Light	1300.5	40.2

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	1300.5	0	1300.5
Street Side	1937.9	0	1937.9

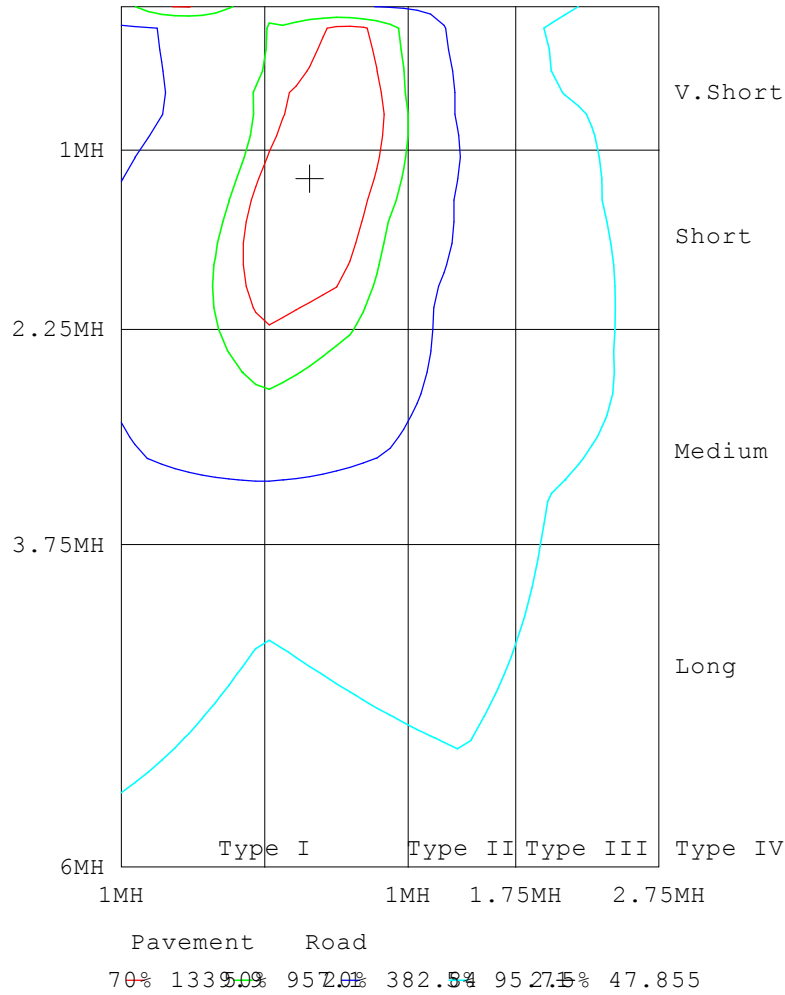
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:SHEN
Test Date:2024-01-16

Range: 0 - 90DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:7.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	793	793	793	793	793	793	793	793	793	793	793	793	793	793	793	793	793	793	793
5	801	840	823	831	838	841	843	838	831	821	810	797	785	774	765	758	754	752	753
10	804	861	861	889	912	924	927	917	901	875	844	812	782	758	738	723	714	707	706
15	779	888	918	975	1020	1047	1056	1039	1006	959	902	842	788	748	718	696	678	661	653
20	791	933	996	1080	1149	1194	1206	1183	1137	1068	983	892	808	750	732	678	645	612	596
25	836	1011	1089	1192	1281	1339	1353	1331	1278	1191	1080	970	866	786	746	663	605	555	533
30	948	1103	1188	1313	1394	1419	1413	1403	1379	1314	1185	1047	960	867	771	635	552	494	472
35	923	1147	1303	1480	1424	1383	1343	1349	1382	1404	1300	1104	942	822	723	578	495	439	419
40	924	1256	1441	1525	1346	1207	1118	1149	1253	1387	1395	1206	965	796	677	527	448	396	376
45	995	1425	1538	1448	1124	897	785	828	990	1234	1403	1323	1040	816	656	487	413	364	340
50	1130	1593	1493	1202	794	558	451	496	658	960	1270	1409	1148	863	645	459	401	329	303
55	1261	1627	1238	825	460	282	169	213	362	622	1002	1391	1258	925	639	442	368	276	212
60	1285	1416	826	452	234	127	111	114	179	323	651	1199	1314	970	628	409	321	147	121
65	1103	995	445	221	132	92.1	88.4	88.9	103	157	328	838	1205	933	576	347	218	102	101
70	696	539	207	119	89.0	75.5	76.9	70.7	73.8	98.9	148	432	734	738	438	239	117	80.4	81.3
75	155	199	97.6	78.7	61.6	61.6	70.5	58.3	56.4	73.6	64.4	162	124	376	173	136	80.1	62.3	56.6
80	48.2	74.6	49.6	48.9	43.9	50.5	42.6	42.7	41.5	38.5	39.5	75.3	58.8	130	63.4	73.8	52.7	43.3	27.4
85	29.9	41.8	30.7	25.0	29.1	40.2	23.2	30.9	27.4	22.4	22.7	41.5	40.4	48.3	32.8	27.0	27.6	22.4	14.6
90	14.1	17.3	15.1	14.0	13.2	11.8	10.5	10.70	10.75	11.36	11.98	14.0	24.6	22.0	18.2	14.5	13.2	10.6	9.62

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:3238.38x1 lm		
NAME: LM6547	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:026
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ □ (DEG)	285	300	315	330	345													
0	793	793	793	793	793													
5	756	761	768	778	788													
10	709	719	731	752	775													
15	656	670	691	719	755													
20	599	622	653	689	737													
25	542	577	625	679	747													
30	487	529	589	686	840													
35	437	479	538	641	789													
40	394	432	489	593	743													
45	358	396	455	572	746													
50	320	365	436	565	785													
55	248	335	417	568	851													
60	133	267	384	568	899													
65	103	144	323	507	850													
70	82.2	94.3	222	381	644													
75	61.5	72.2	128	202	350													
80	42.4	52.4	76.4	71.5	132													
85	20.9	31.0	35.1	34.6	45.8													
90	10.38	14.8	17.3	19.6	23.7													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:SHEN
 Test Date:2024-01-16

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:65.0%
 Test Distance:7.610m [K=1.0000]
 Remarks: