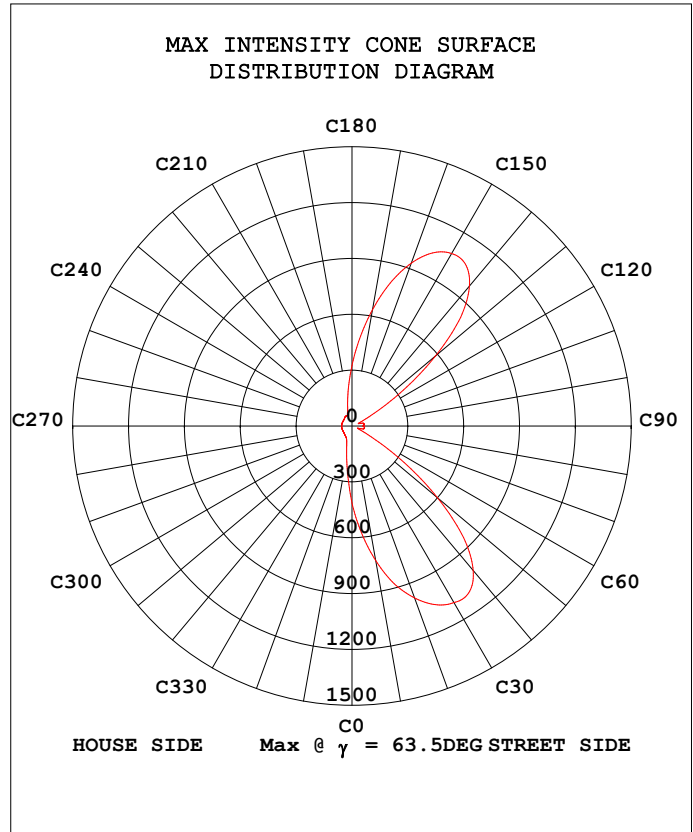
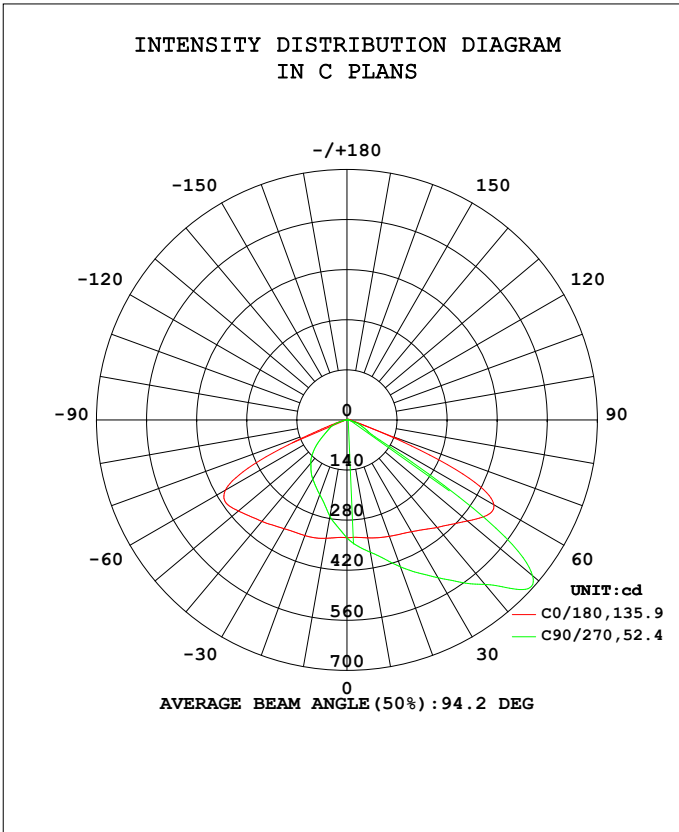


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.5V I:3.500A P:8.6W PF:0.000 Freq:0Hz Lamp Flux:1477.02x1 lm		
NAME: SL30-010-4070-R01207	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 170.85 lm/W			
MODEL	/	I _{max} (cd)	1095	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	75.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	1477	η house_up (%)	0.0
NOMINAL FLUX (lm)	1477.02	MAXIMUM @ (C, γ)	30, 63.5	η house_down (%)	24.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



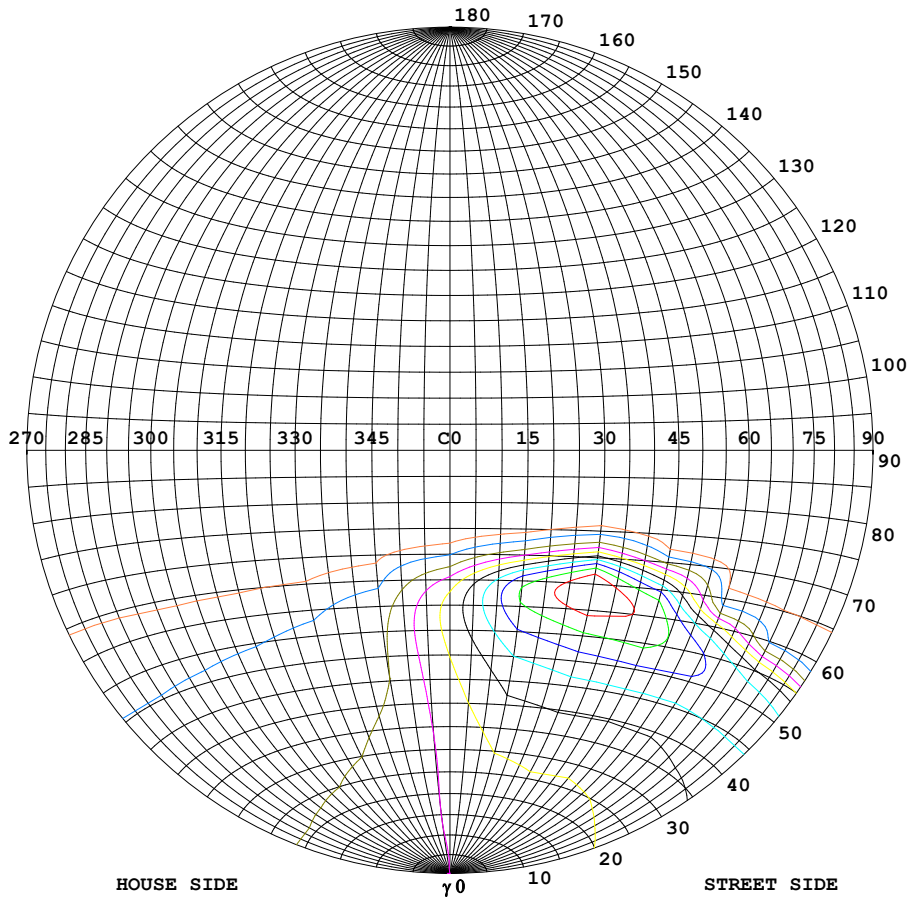
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: WJH
 Test Date: 2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity: 65.0%
 Test Distance: 9.840m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type II - Short
 CIE:Average - Intermediate
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:7.800cd/klm
 Max.At90:1.333cd/klm
 Max.80-90:7.800cd/klm
 NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1095
90%	985
80%	876
70%	766
60%	657
50%	547
40%	438
30%	328
20%	219
10%	109
5%	55

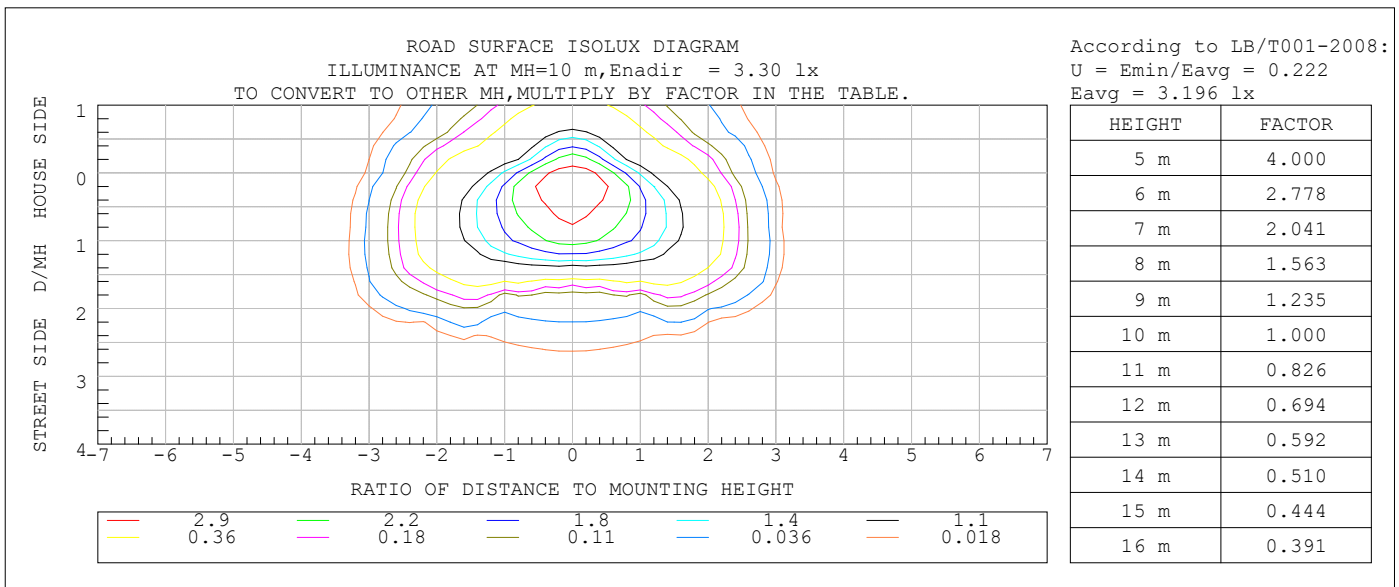
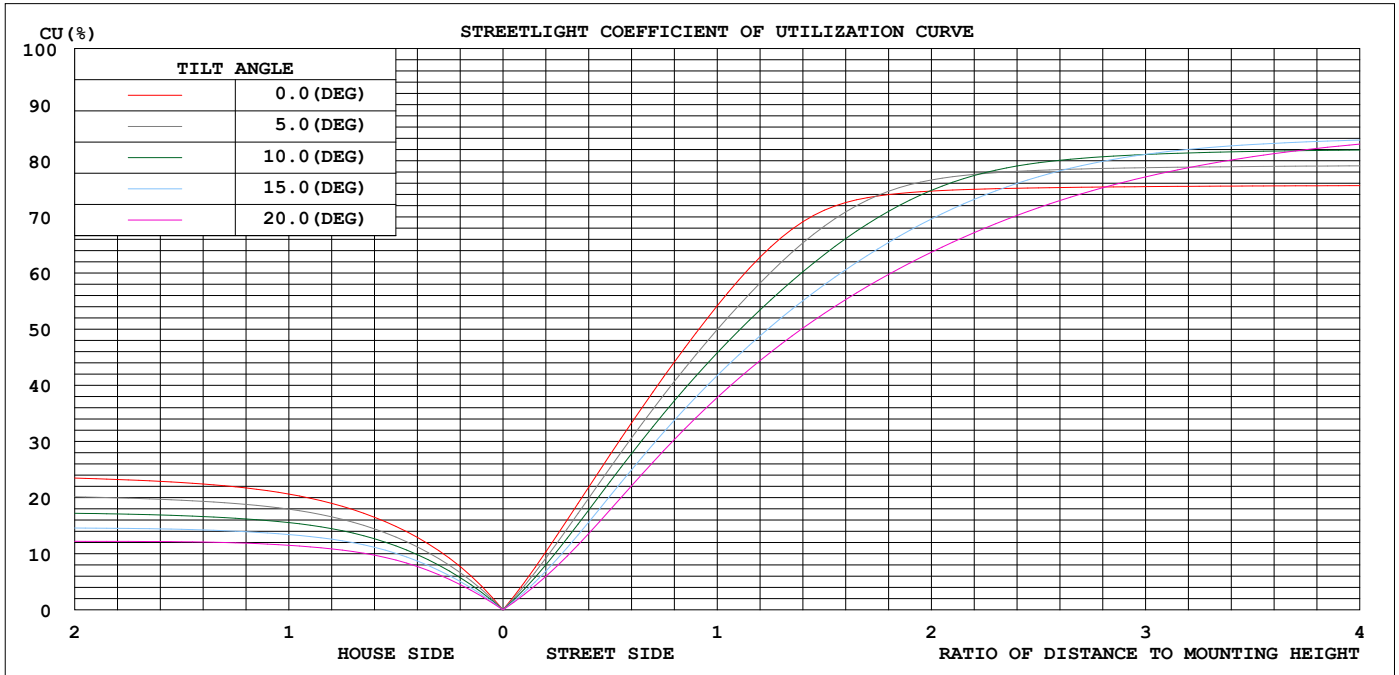
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WJH
 Test Date:2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity:65.0%
 Test Distance:9.840m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WJH
Test Date: 2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity: 65.0%
Test Distance: 9.840m [K=1.0000]
Remarks:

Checker: LI

Assessor:

ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	334.6	368.6	375.2	368.7	335.8	287.2	273.6	286.3	0- 10	31.34	31.34	2.12,2.12
20	346.1	406.2	436.5	406.7	344.0	238.9	222.4	238.7	10- 20	93.07	124.4	8.42,8.42
30	360.7	453.6	509.2	455.7	351.0	202.8	190.9	203.9	20- 30	154.3	278.7	18.9,18.9
40	392.5	553.0	600.1	552.8	370.1	168.3	157.4	174.5	30- 40	221.4	500.1	33.9,33.9
50	439.4	743.4	677.2	742.0	396.1	126.0	112.7	136.5	40- 50	307.0	807.1	54.6,54.6
60	474.0	964.8	75.73	962.1	392.2	72.59	65.28	74.65	50- 60	370.0	1177	79.7,79.7
70	104.3	191.5	37.45	142.0	75.02	35.98	38.94	38.64	60- 70	258.5	1436	97.2,97.2
80	7.140	9.243	6.933	7.061	5.537	6.239	5.948	8.170	70- 80	39.27	1475	99.9,99.9
90	1.233	0.3111	0.2819	0.3079	1.262	1.676	0.4084	1.592	80- 90	2.095	1477	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		

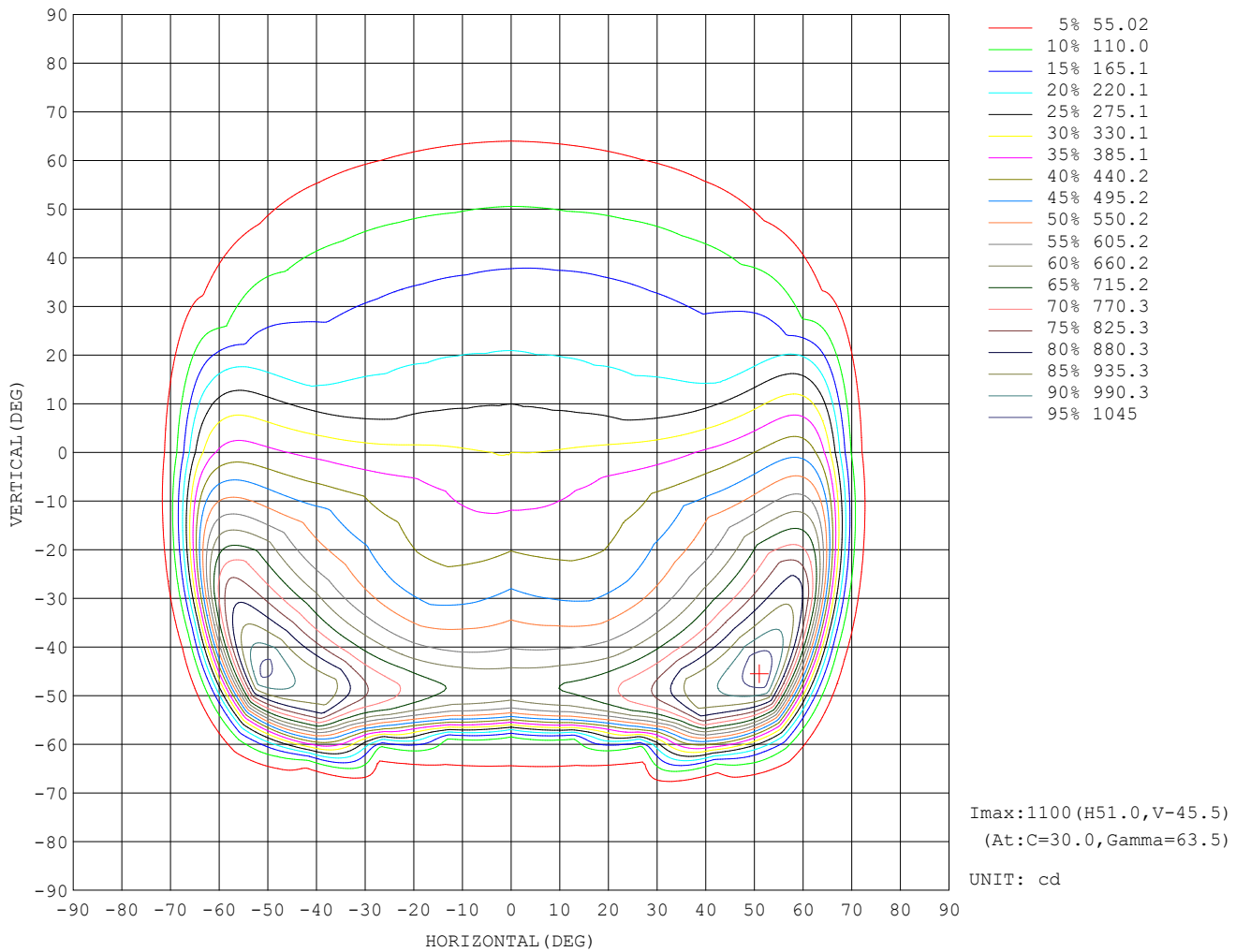
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WJH
 Test Date:2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity:65.0%
 Test Distance:9.840m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

ISOCANDELA DIAGRAM



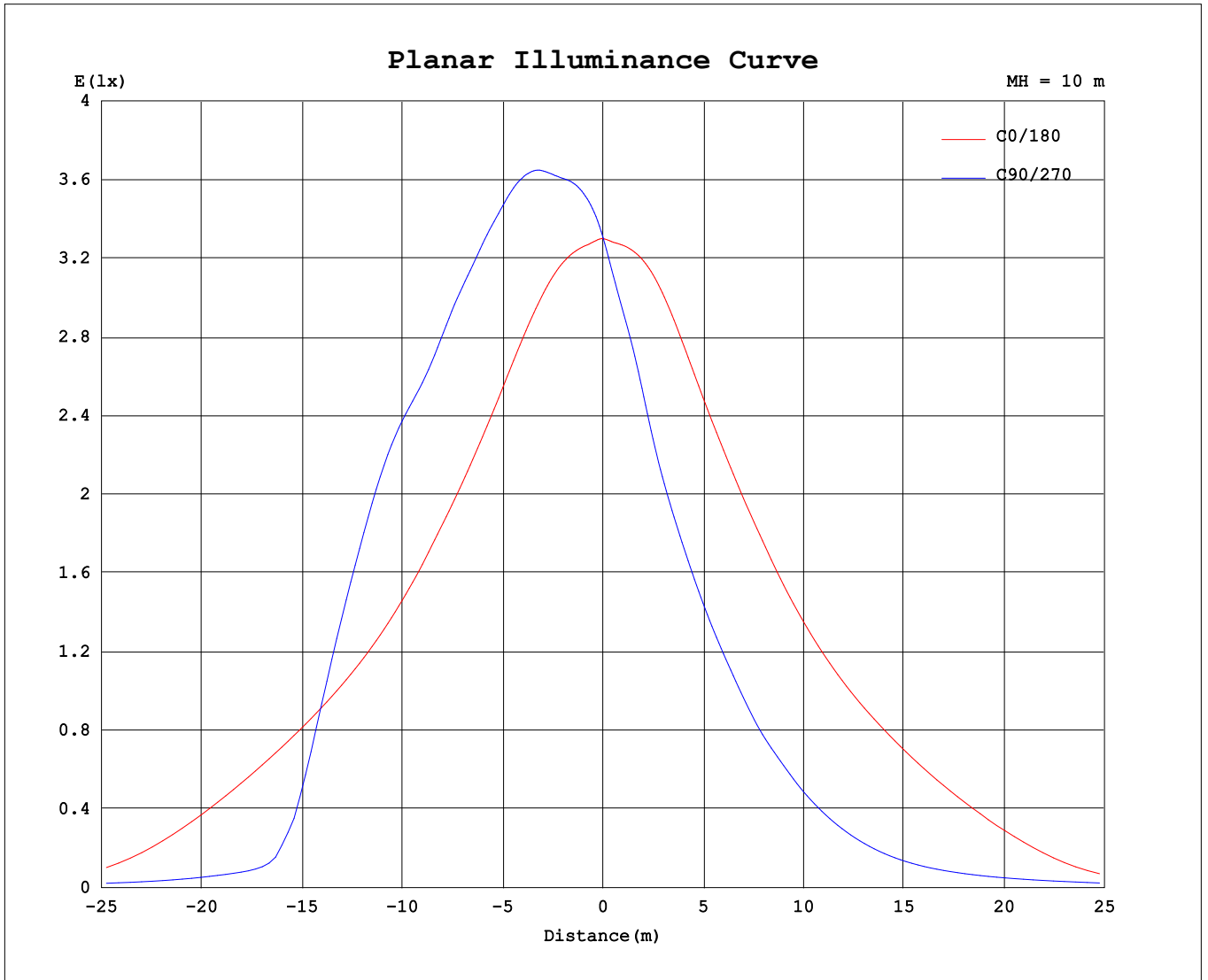
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: WJH
 Test Date: 2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity: 65.0%
 Test Distance: 9.840m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: WJH
Test Date: 2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity: 65.0%
Test Distance: 9.840m [K=1.0000]
Remarks:

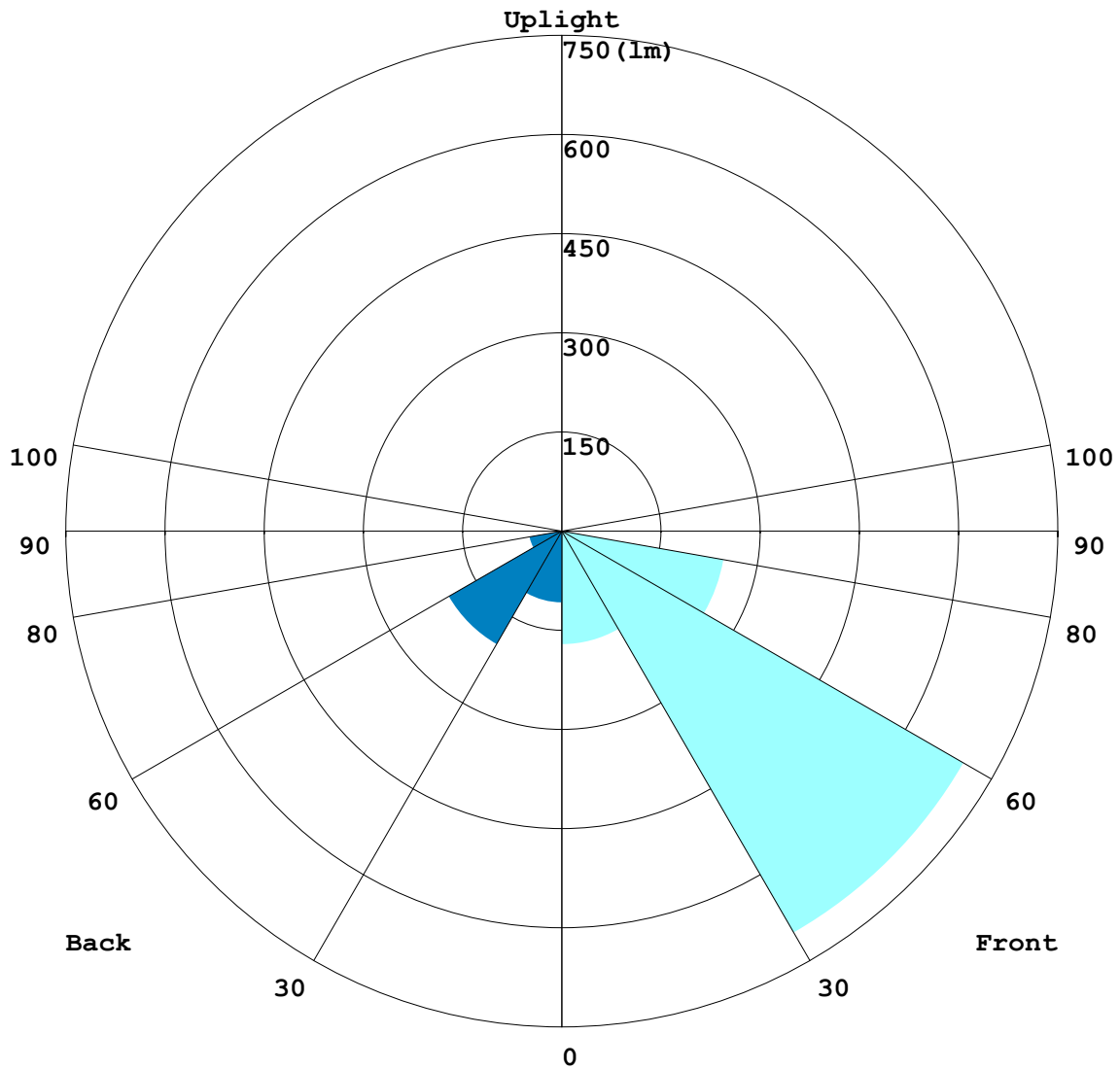
Checker: LI

Assessor:

LCS REPORT

Test:U:2.5V I:3.500A P:8.6W PF:0.000 Freq:0Hz		
Lamp Flux:1477.02x1 lm		
NAME: SL30-010-4070-R01207	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WJH
 Test Date:2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity:65.0%
 Test Distance:9.840m [K=1.0000]
 Remarks:

Checker: LI

Assessor:

BUG REPORT

Test:U:2.5V I:3.500A P:8.6W PF:0.000 Freq:0Hz Lamp Flux:1477.02x1 lm		
NAME: SL30-010-4070-R01207	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	170.95	11.6
FM - Front-Medium(30-60)	701.19	47.5
FH - Front-High(60-80)	248.15	16.8
FVH - Front-Very High(80-90)	0.97806	0.1
Total Forward Light	1121.3	75.9

BL - Back-Low(0-30)	107.78	7.3
BM - Back-Medium(30-60)	197.27	13.4
BH - Back-High(60-80)	49.587	3.4
BVH - Back-Very High(80-90)	1.1174	0.1
Total Back Light	355.75	24.1

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	B0-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	355.75	0	355.75
Street Side	1121.3	0	1121.3

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:WJH
 Test Date:2024-07-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity:65.0%
 Test Distance:9.840m [K=1.0000]
 Remarks:

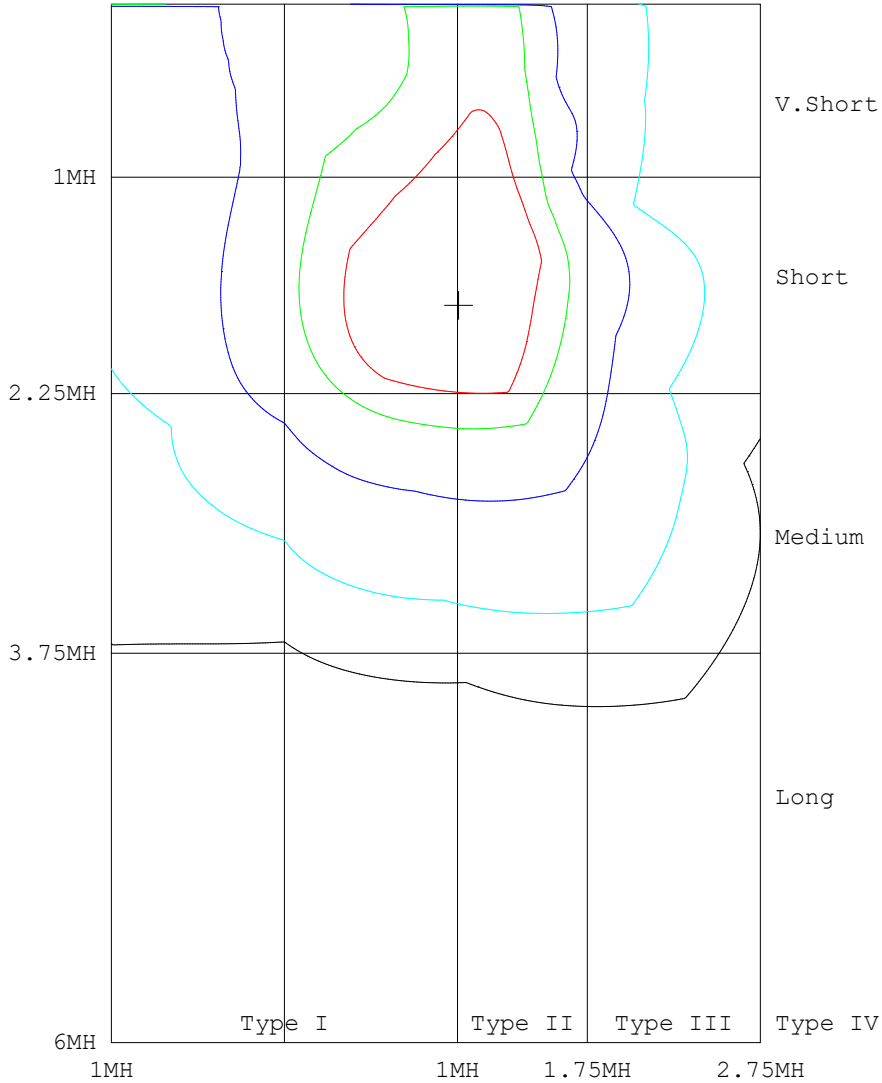
Checker: LI

Assessor:

ROAD ISOCANDELA REPORT

Test:U:2.5V I:3.500A P:8.6W PF:0.000 Freq:0Hz Lamp Flux:1477.02x1 lm		
NAME: SL30-010-4070-R01207	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



<p>C Range: 0 - 360DEG C Interval: 15.0DEG Test Speed: HIGH Temperature: 25.3°C Operators: WJH Test Date: 2024-07-15 Checker: LI</p>	<p>Pavement: 70.31 Road: 50.55 Range: 220.00 Interval: 0.5DEG Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487 Humidity: 65.0% Test Distance: 9.840m [K=1.0000] Remarks: Assessor:</p>
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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	329	329	329	329	329													
5	301	303	307	313	321													
10	275	279	286	298	314													
15	245	251	262	280	306													
20	223	228	239	259	292													
25	207	212	220	238	274													
30	192	196	204	219	258													
35	178	182	188	203	242													
40	160	166	174	187	229													
45	140	147	158	172	221													
50	113	122	136	156	215													
55	86.4	92.7	106	131	203													
60	65.0	67.6	74.6	93.9	165													
65	52.6	51.6	53.2	57.7	88.9													
70	40.1	39.8	38.6	38.6	46.0													
75	20.5	23.1	23.5	22.9	28.8													
80	6.13	7.79	8.17	9.02	9.21													
85	0.41	0.85	1.43	1.65	1.42													
90	0.56	1.10	1.59	1.78	1.56													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: WJH
 Test Date: 2024-07-15
 γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
 Humidity: 65.0%
 Test Distance: 9.840m [K=1.0000]
 Remarks:

Checker: LI
 Assessor: