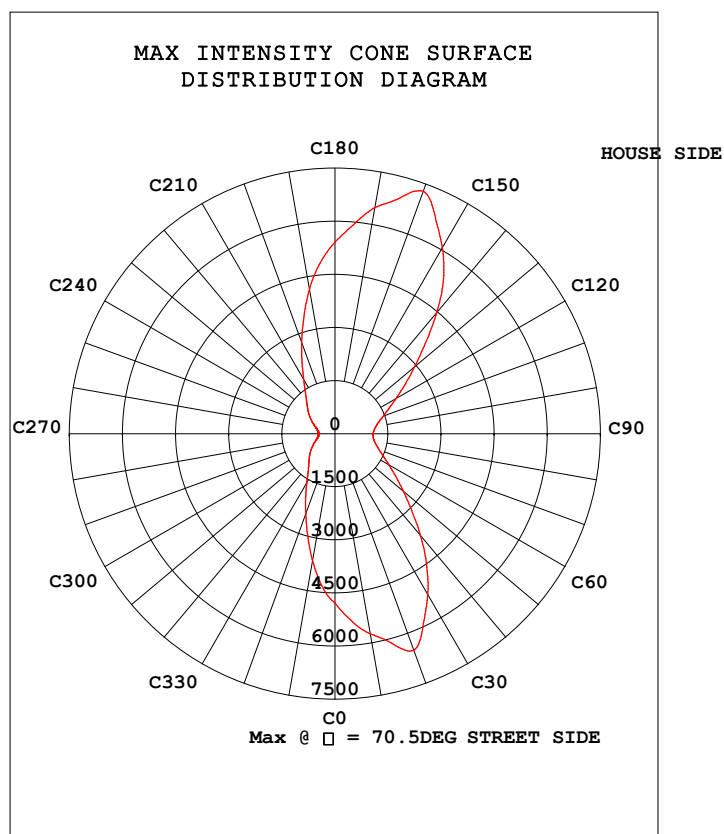
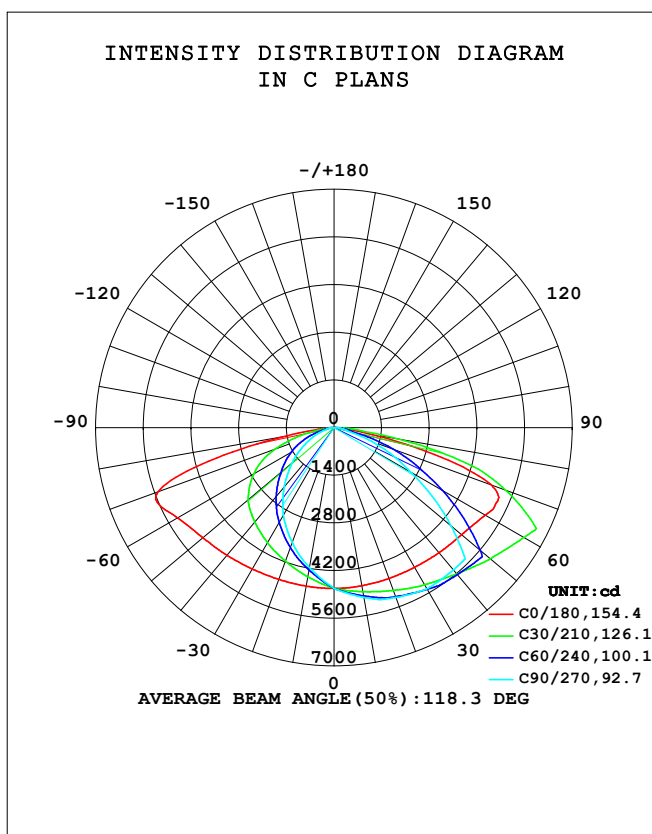


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.8V I:1.138A P:136.7W PF:0.9944 Lamp Flux:18815.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.64 lm/W			
MODEL		Imax(cd)	7293	☐ street_up(%)	0.0
NOMINAL POWER(W)	135	LOR(%)	100.0	☐ street_down(%)	49.8
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	18815	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	18815.1	MAXIMUM @ (C, $\square$)	160,70.5	☐ house_down(%)	50.2
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	21.440

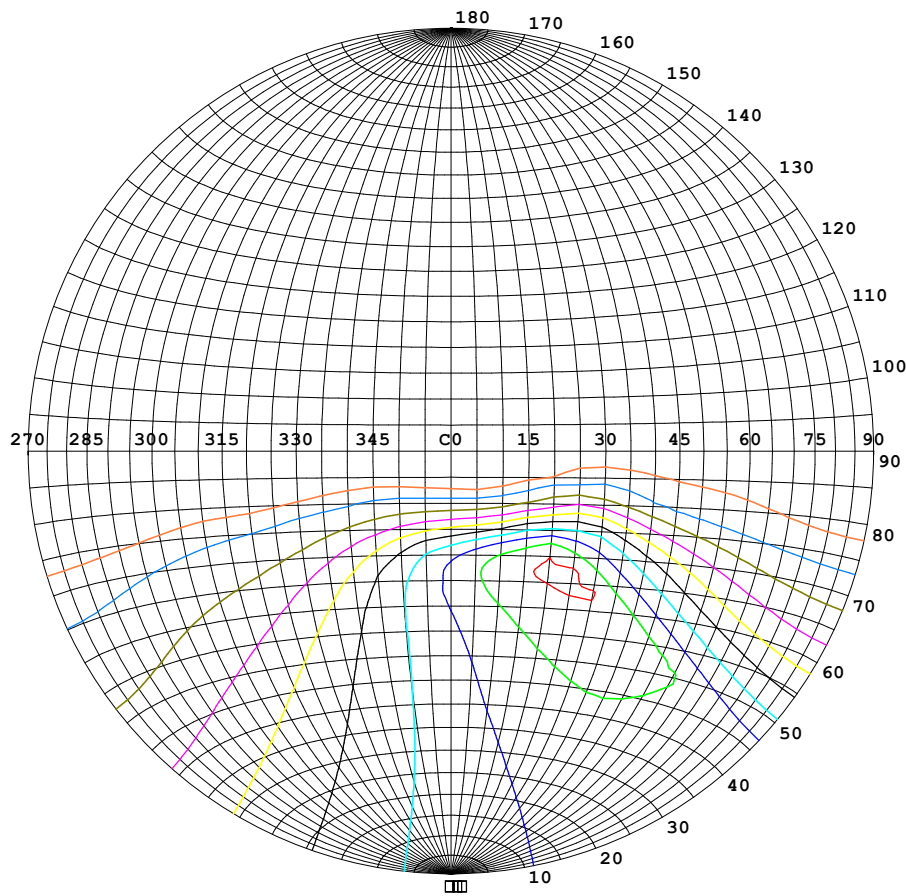


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM



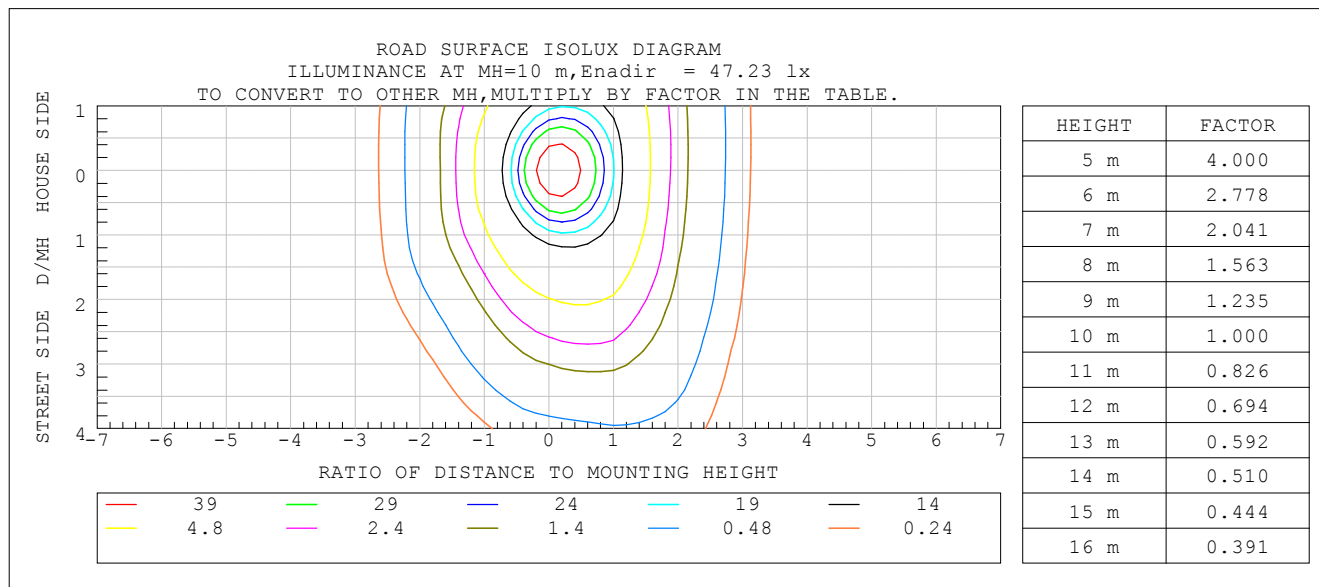
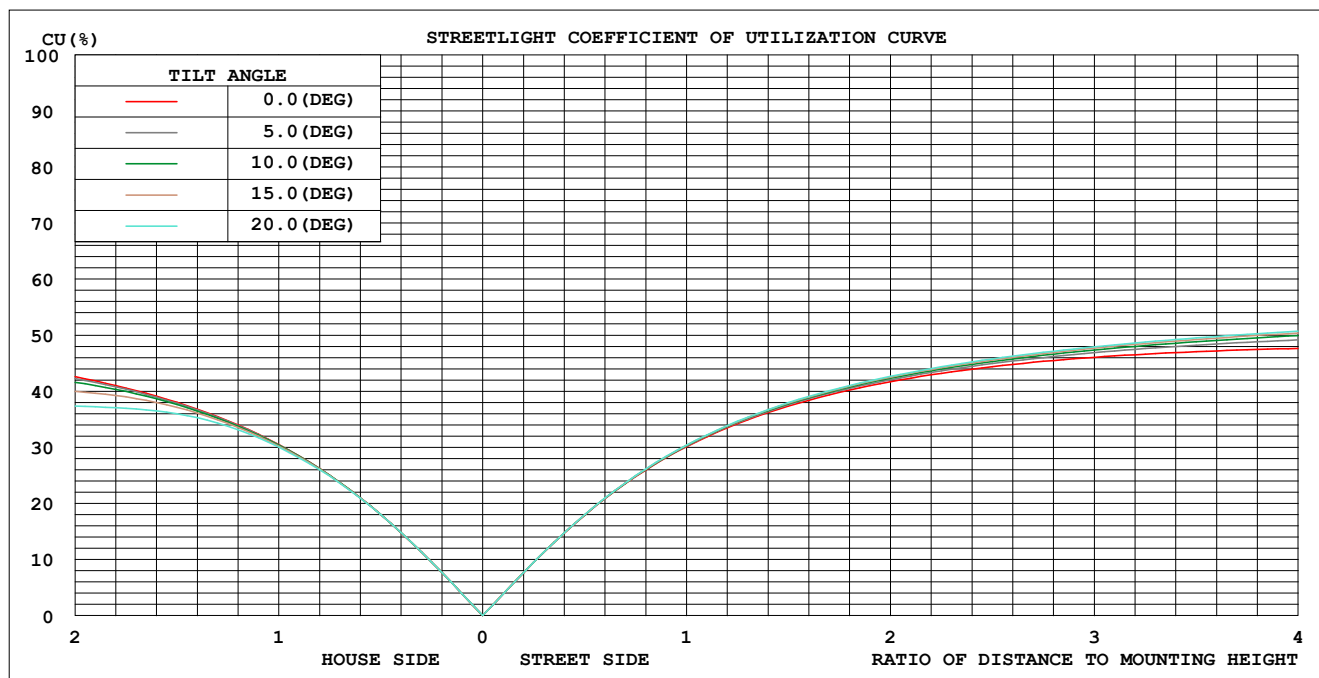
Classification:
IES:Type IV - Medium
CIE:Broad - Long
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:162.8cd/klm
Max.At90:1.428cd/klm
Max.80-90:162.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7293
90%	6563
80%	5834
70%	5105
60%	4376
50%	3646
40%	2917
30%	2188
20%	1459
10%	729
5%	365

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

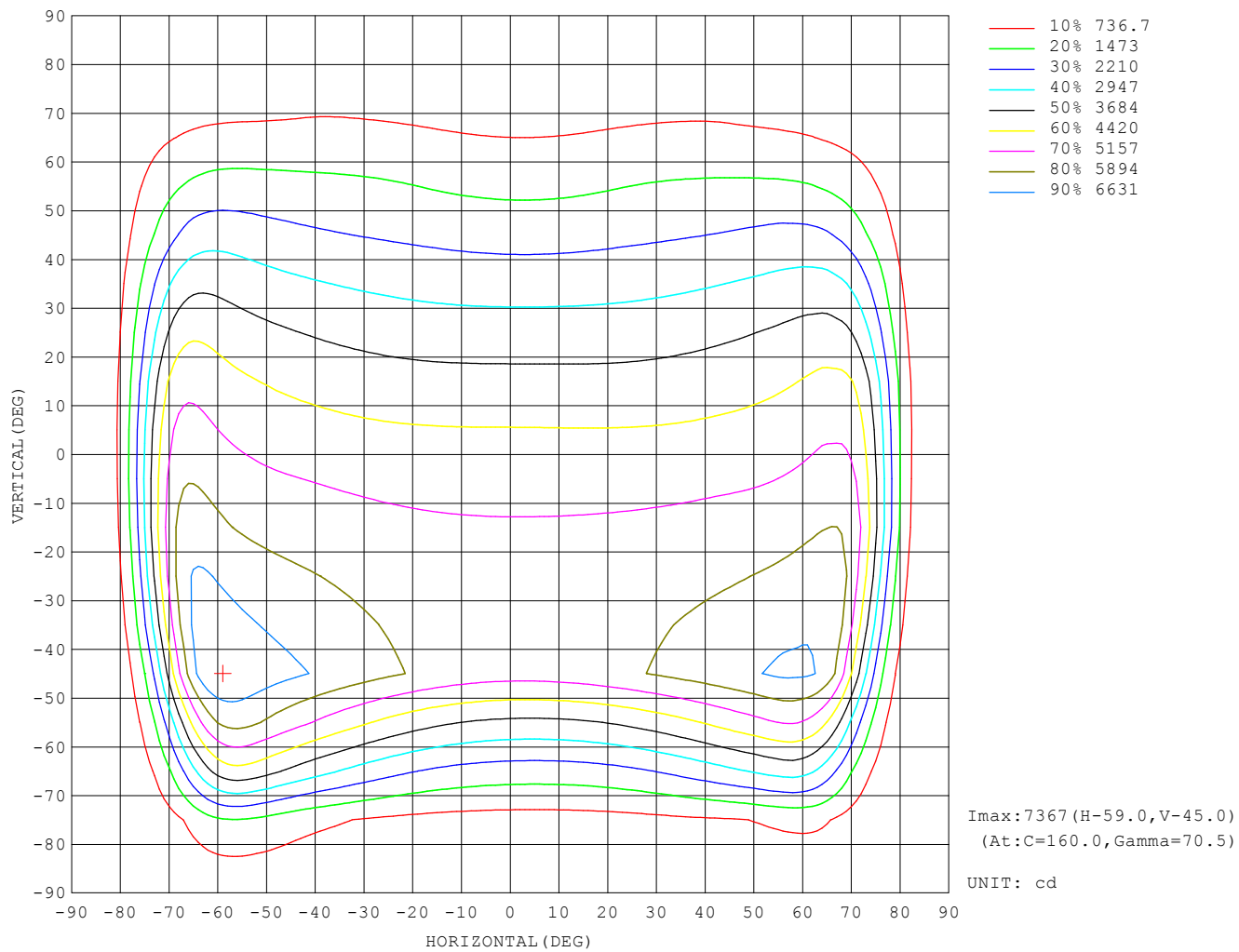
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
5	4721	4842	4892	4844	4725	4530	4449	4527	0- 5	112.4	112.4	0.60,0.60
10	4717	4963	5061	4967	4727	4336	4174	4329	5- 10	334.2	446.6	2.37,2.37
15	4713	5092	5230	5097	4734	4140	3900	4128	10- 15	550.4	996.9	5.3,5.3
20	4716	5229	5309	5238	4746	3942	3594	3925	15- 20	758.4	1755	9.33,9.33
25	4722	5332	5389	5343	4766	3730	3289	3705	20- 25	954.9	2710	14.4,14.4
30	4737	5447	5468	5465	4798	3516	2983	3485	25- 30	1140	3850	20.5,20.5
35	4762	5584	5462	5613	4839	3302	2631	3265	30- 35	1312	5163	27.4,27.4
40	4799	5735	5456	5781	4896	3080	2279	3038	35- 40	1469	6631	35.2,35.2
45	4839	5854	5450	5941	4958	2813	1927	2765	40- 45	1610	8241	43.8,43.8
50	4894	5998	4489	6133	5031	2524	1609	2473	45- 50	1716	9957	52.9,52.9
55	4989	6111	3527	6300	5140	2209	1292	2156	50- 55	1751	11708	62.2,62.2
60	5139	5196	2566	5538	5307	1898	973.9	1838	55- 60	1728	13436	71.4,71.4
65	5255	4253	1858	4769	5565	1546	735.5	1478	60- 65	1659	15095	80.2,80.2
70	4917	3191	1151	3750	5502	1153	497.2	1080	65- 70	1525	16619	88.3,88.3
75	3063	1897	443.9	2309	3817	726.8	258.8	652.8	70- 75	1200	17820	94.7,94.7
80	991.4	649.6	299.0	908.3	1417	315.5	174.9	248.2	75- 80	669.9	18489	98.3,98.3
85	117.5	336.9	154.1	474.3	263.1	163.9	91.05	129.9	80- 85	257.8	18747	99.6,99.6
90	20.11	13.52	9.244	14.19	17.64	17.85	7.171	17.30	85- 90	67.87	18815	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

□ Range: 0 - 90DEG
 □ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

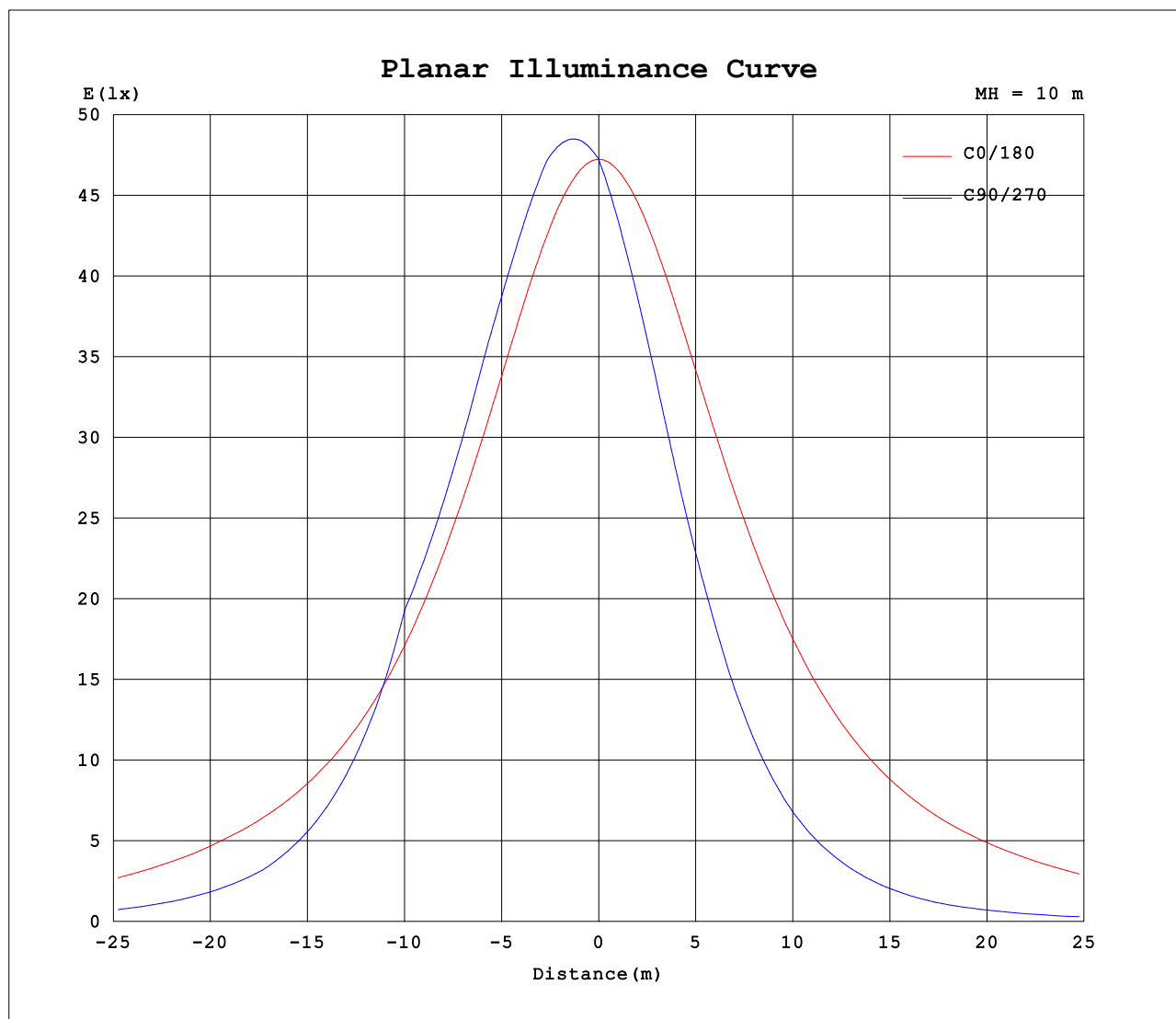
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



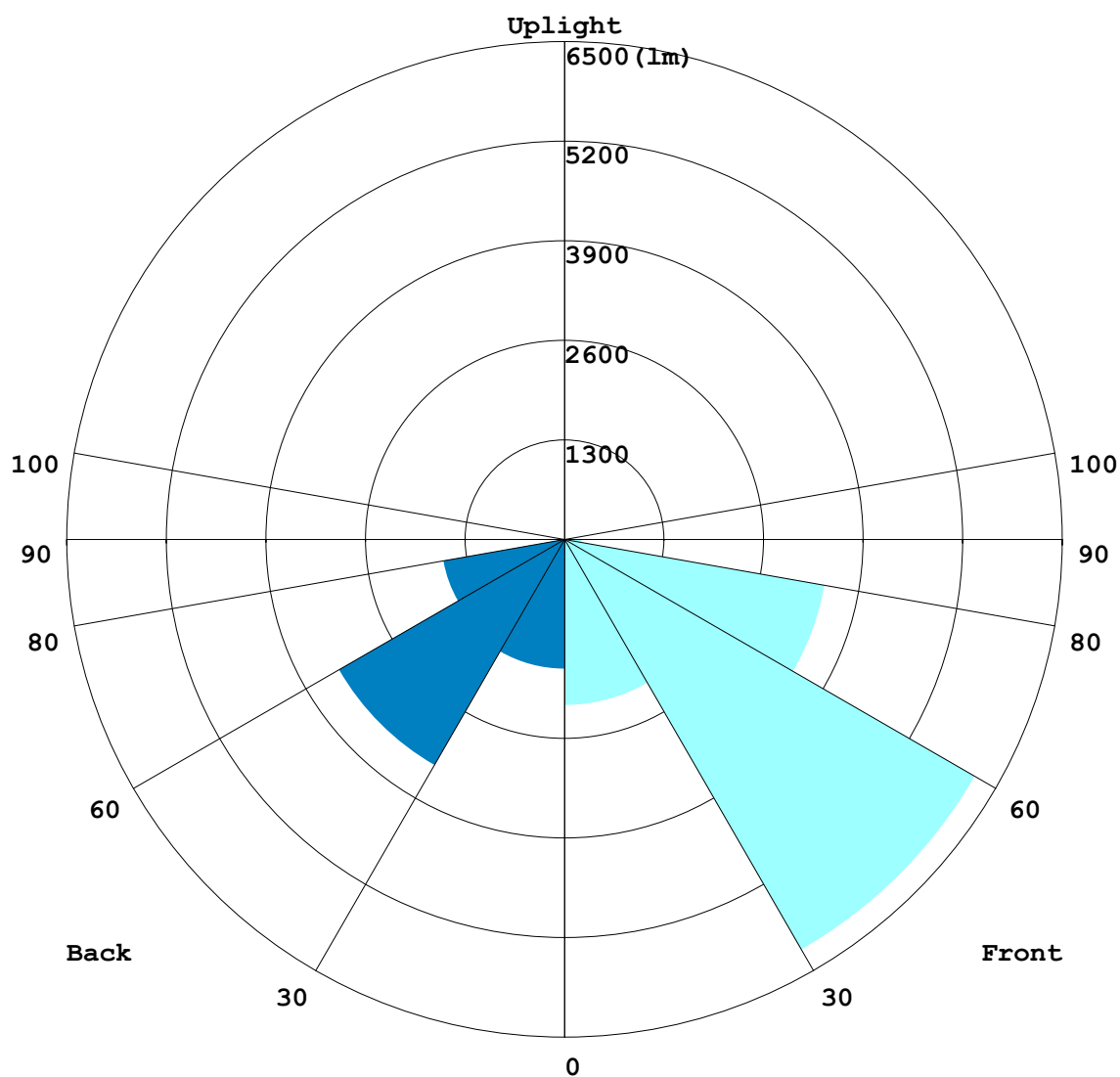
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.8V I:1.138A P:136.7W PF:0.9944 Lamp Flux:18815.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.8V I:1.138A P:136.7W PF:0.9944 Lamp Flux:18815.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2162.7	11.5
FM - Front-Medium(30-60)	6183.9	32.9
FH - Front-High(60-80)	3446.8	18.3
FVH - Front-Very High(80-90)	226	1.2
Total Forward Light	12019	63.9

BL - Back-Low(0-30)	1687.6	9.0
BM - Back-Medium(30-60)	3401.4	18.1
BH - Back-High(60-80)	1607.1	8.5
BVH - Back-Very High(80-90)	99.715	0.5
Total Back Light	6795.8	36.1

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6795.8	0	6795.8
Street Side	12019	0	12019

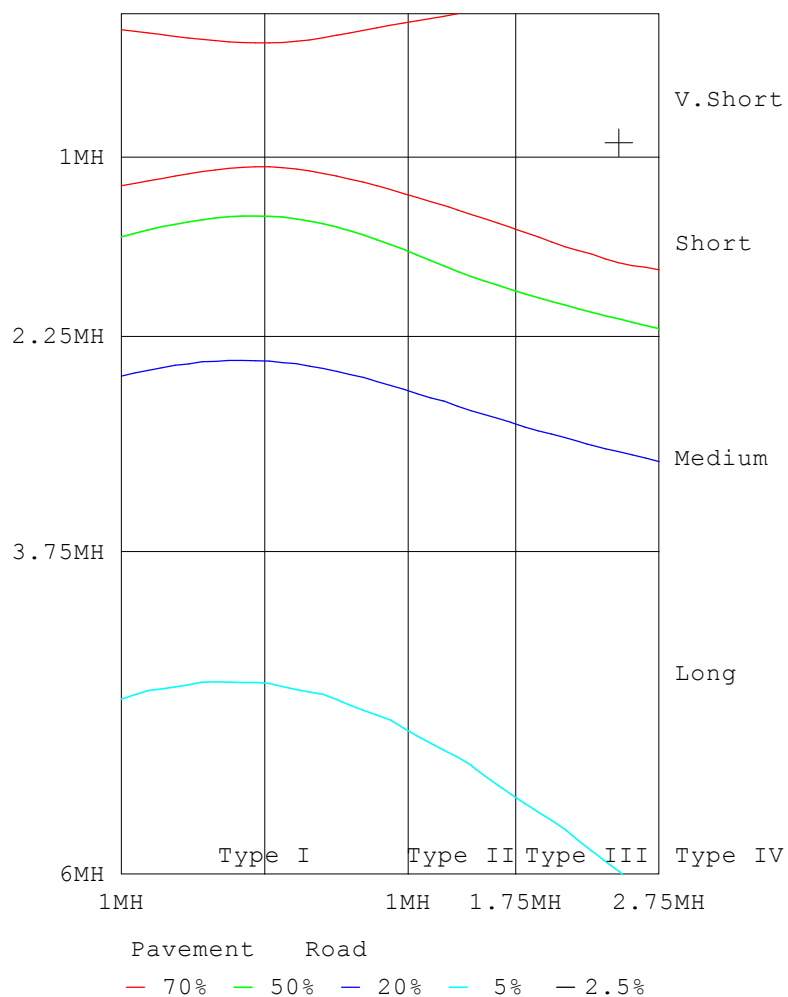
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.8V I:1.138A P:136.7W PF:0.9944 Lamp Flux:18815.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-28

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks: