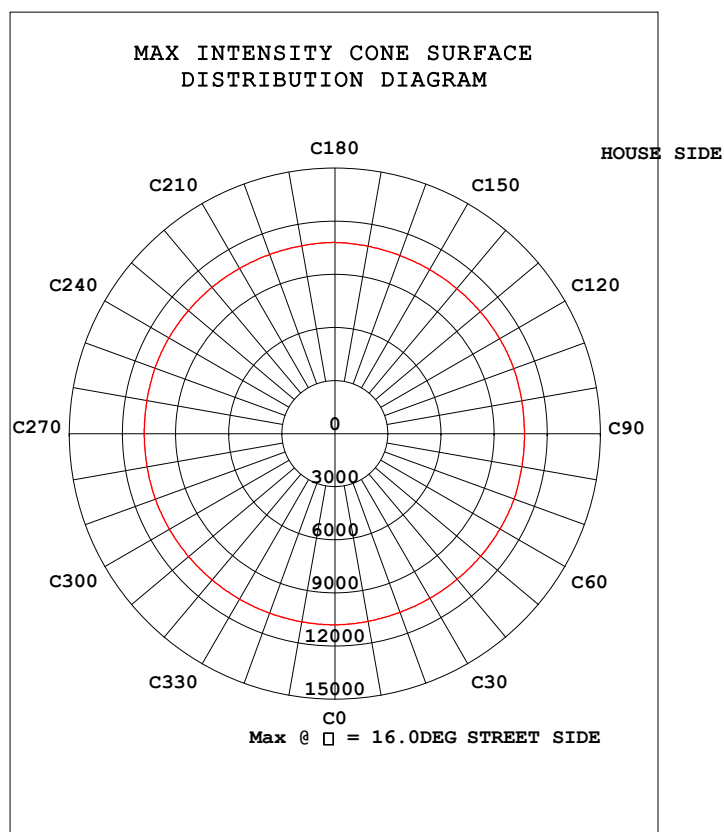
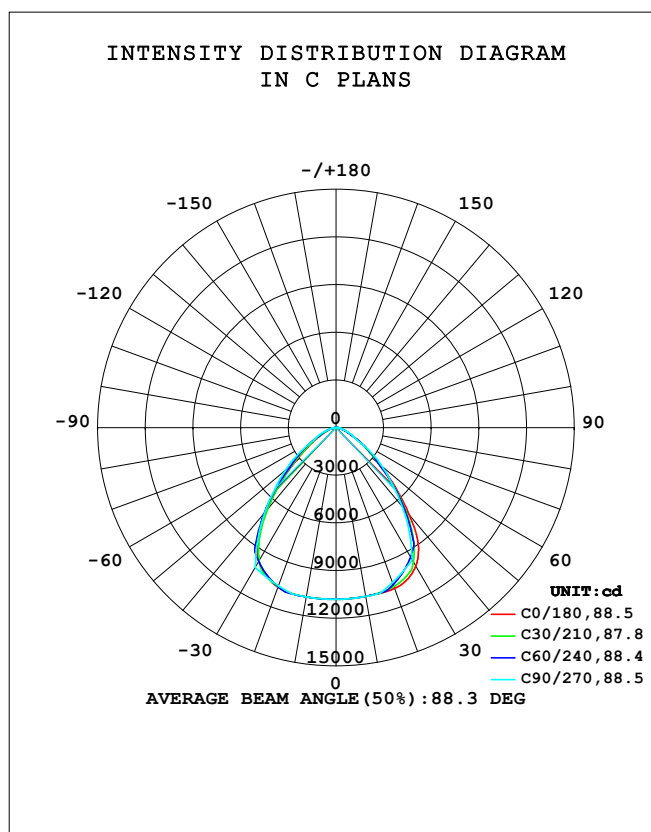


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.1V I:1.259A P:152.4W PF:0.9989 Lamp Flux:21847.8x1 lm		
NAME:NUVO 65-794R2	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.40 lm/W			
MODEL		Imax(cd)	10835	☐ street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	☐ street_down(%)	52.0
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	21848	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	21847.8	MAXIMUM @ (C, $\square$)	245,16.0	☐ house_down(%)	48.0
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	17.174

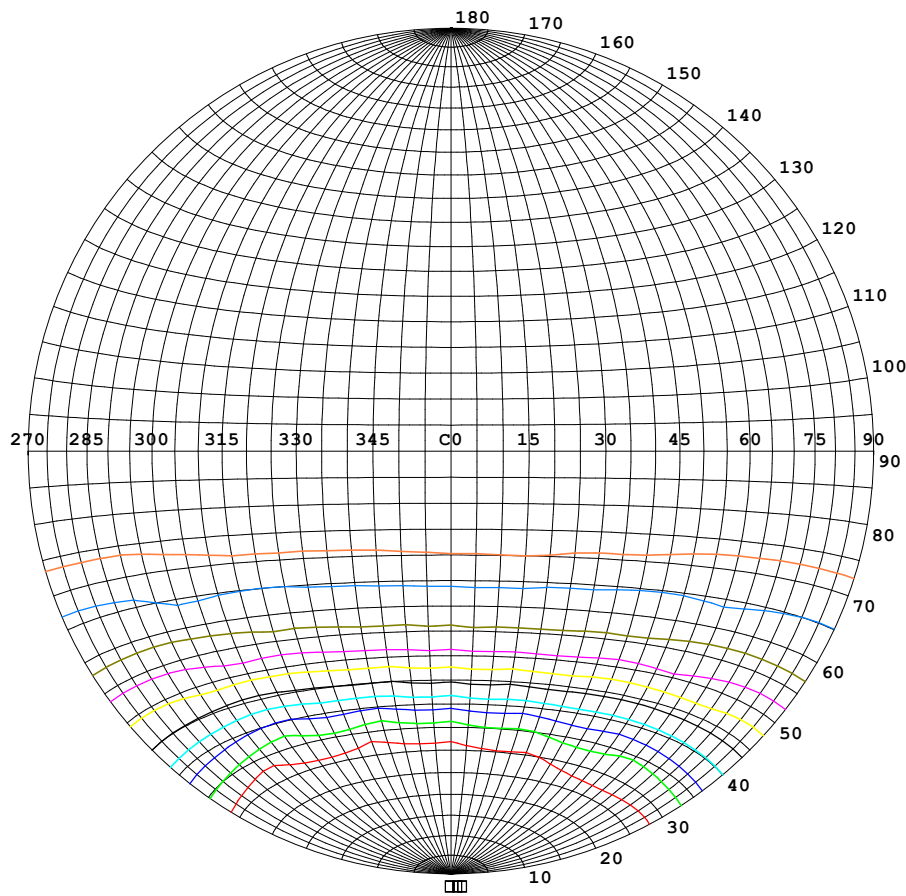


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-17

$\square$ Range: 0 - 90DEG
 $\square$ 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



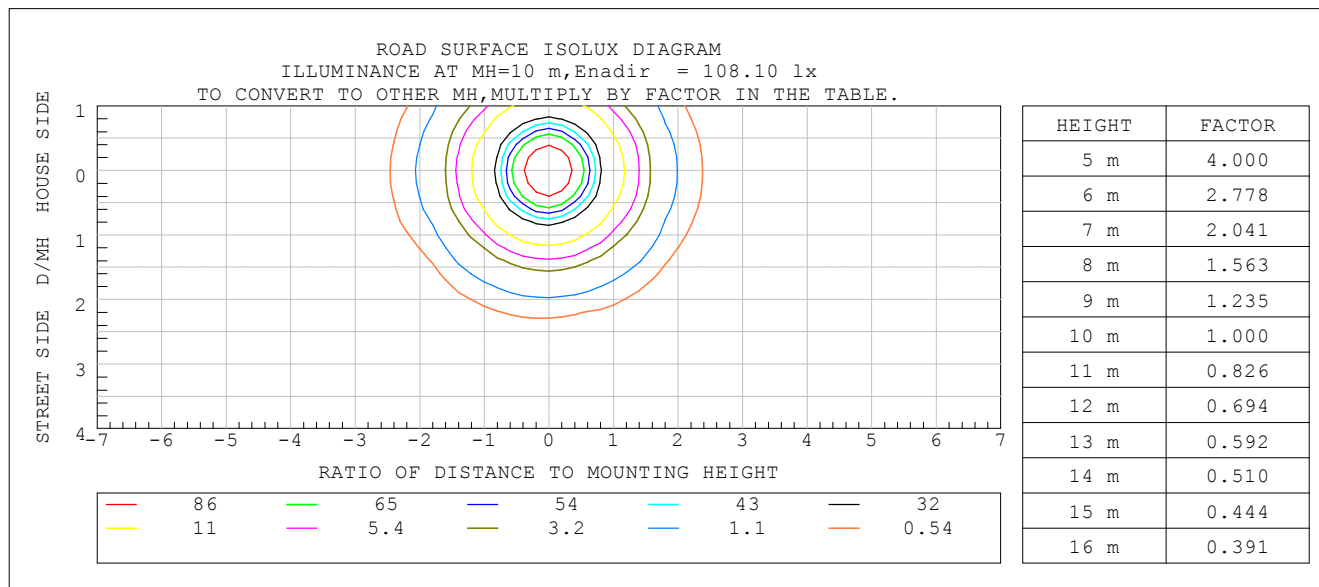
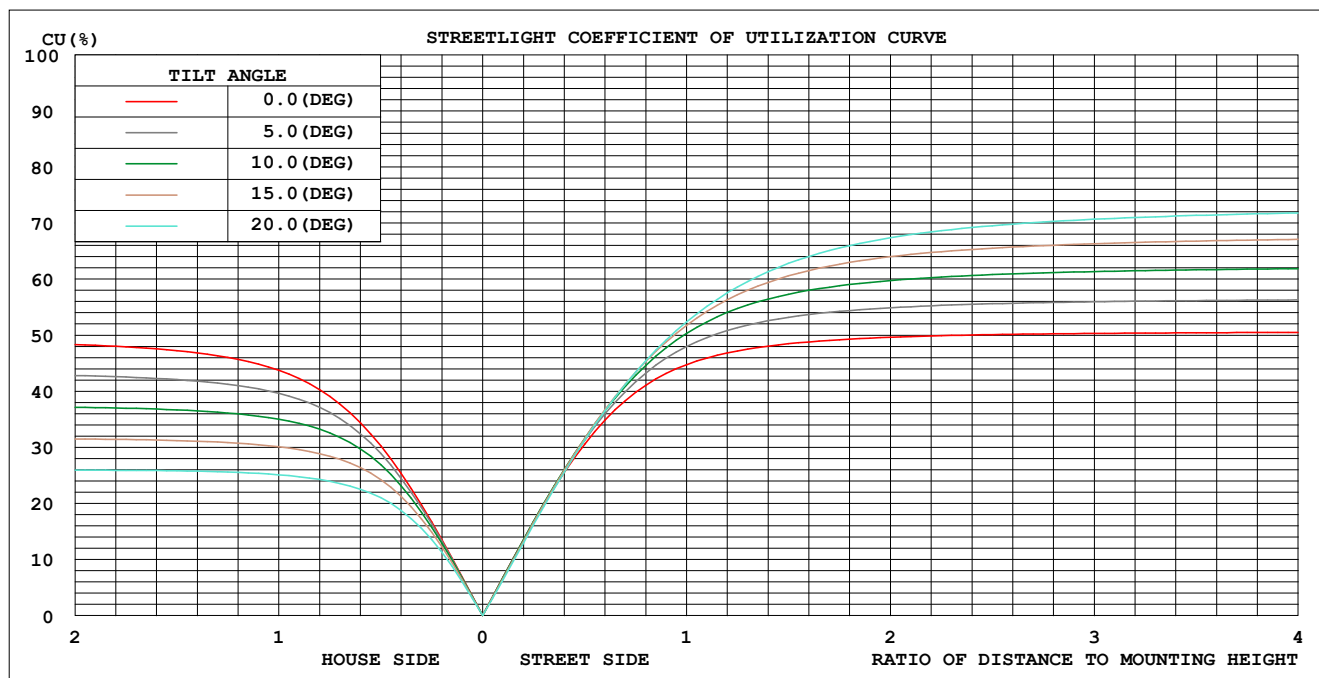
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:12.65cd/klm
Max.At90:0.5603cd/klm
Max.80-90:12.65cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10835
90%	9752
80%	8668
70%	7585
60%	6501
50%	5418
40%	4334
30%	3251
20%	2167
10%	1084
5%	542

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-17

□ 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: 2021-01-17

□ 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:

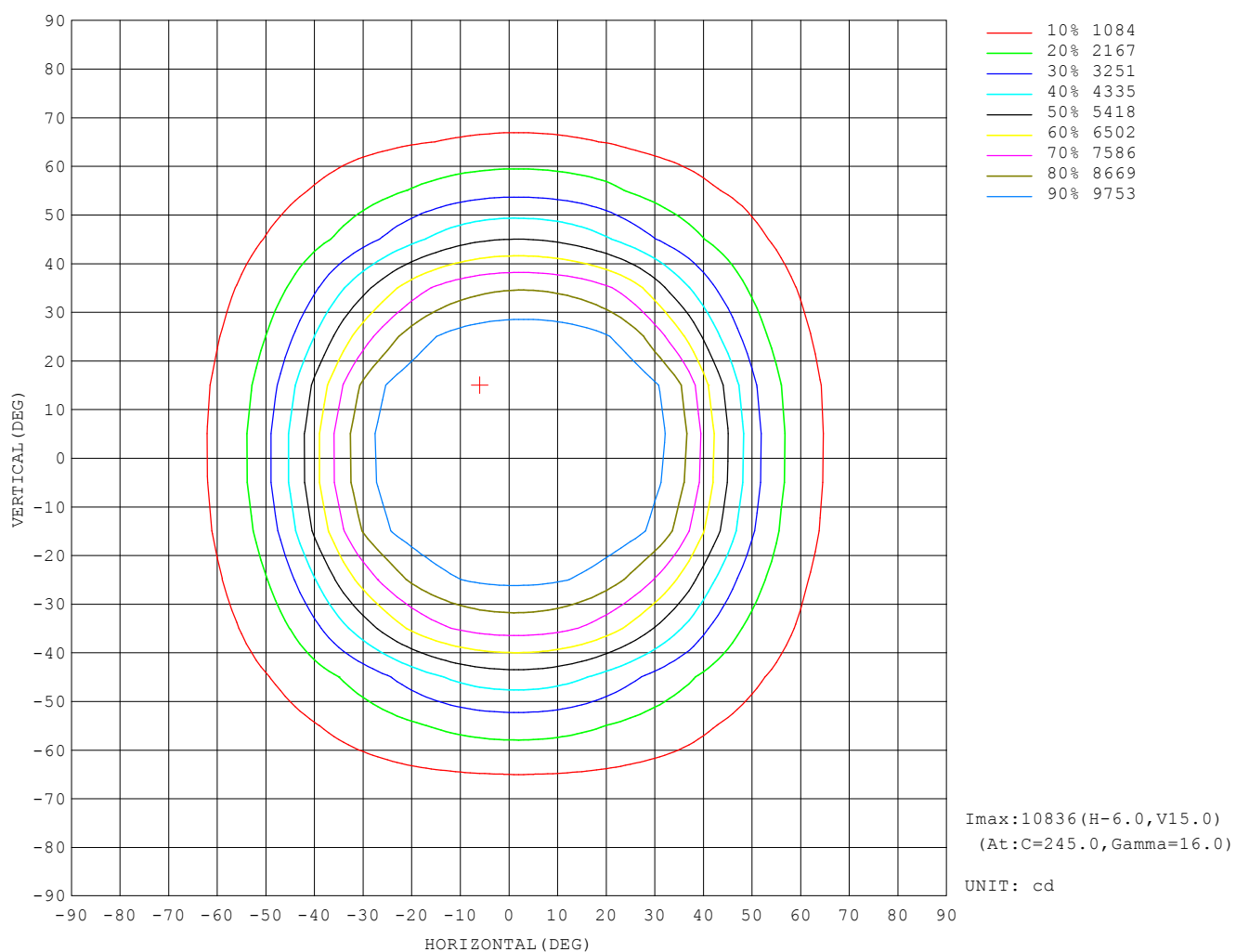
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	1079	1080	1080	1080	1081	1081	1081	1080	0- 5	258.3	258.3	1.18,1.18
10	1079	1078	1079	1078	1082	1082	1082	1079	5- 10	772.7	1031	4.72,4.72
15	1079	1075	1078	1073	1082	1082	1082	1079	10- 15	1280	2312	10.6,10.6
20	1077	1068	1039	1061	1070	1075	1060	1079	15- 20	1766	4078	18.7,18.7
25	1057	1016	999.2	1006	1034	1028	1038	1050	20- 25	2194	6271	28.7,28.7
30	1005	934.7	959.6	925.1	971.0	950.4	1016	993.4	25- 30	2532	8804	40.3,40.3
35	904.5	824.7	805.1	816.7	855.5	842.1	857.7	903.6	30- 35	2702	11505	52.7,52.7
40	719.3	683.3	650.5	674.9	677.6	698.4	699.3	762.1	35- 40	2579	14084	64.5,64.5
45	527.4	512.0	495.9	501.3	500.2	522.3	541.0	562.6	40- 45	2223	16307	74.6,74.6
50	360.4	359.5	379.1	348.3	339.6	367.1	415.8	391.3	45- 50	1764	18071	82.7,82.7
55	238.3	232.7	262.3	219.7	223.4	236.5	290.5	253.6	50- 55	1320	19391	88.8,88.8
60	156.1	163.4	145.5	153.3	145.3	166.7	165.3	174.6	55- 60	931.4	20323	93,93
65	96.10	104.8	108.9	97.43	93.50	108.5	124.0	106.7	60- 65	621.7	20944	95.9,95.9
70	55.87	62.89	72.23	58.64	56.46	66.94	82.59	61.43	65- 70	421.3	21366	97.8,97.8
75	29.42	35.71	35.60	34.63	31.27	39.37	41.22	35.18	70- 75	262.6	21628	99,99
80	6.037	13.28	24.04	14.20	8.888	15.93	27.64	12.73	75- 80	136.1	21764	99.6,99.6
85	0.5021	6.944	12.49	7.451	0.8649	8.020	14.06	6.424	80- 85	61.89	21826	99.9,99.9
90	0.4342	0.9030	0.9300	1.060	0.5010	0.5268	0.4748	0.4624	85- 90	21.55	21848	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:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-17

□ 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:

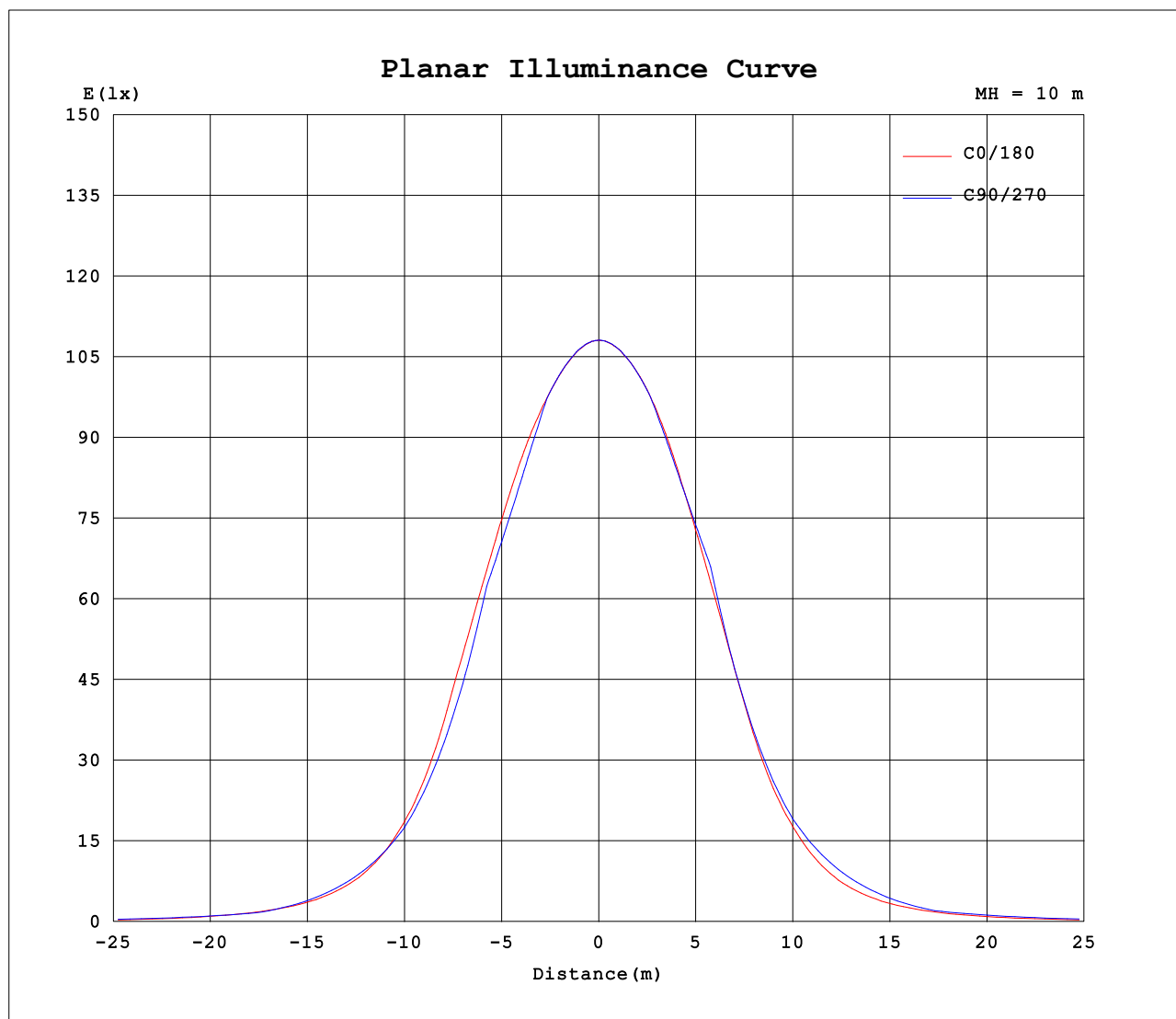
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-17

☐ 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



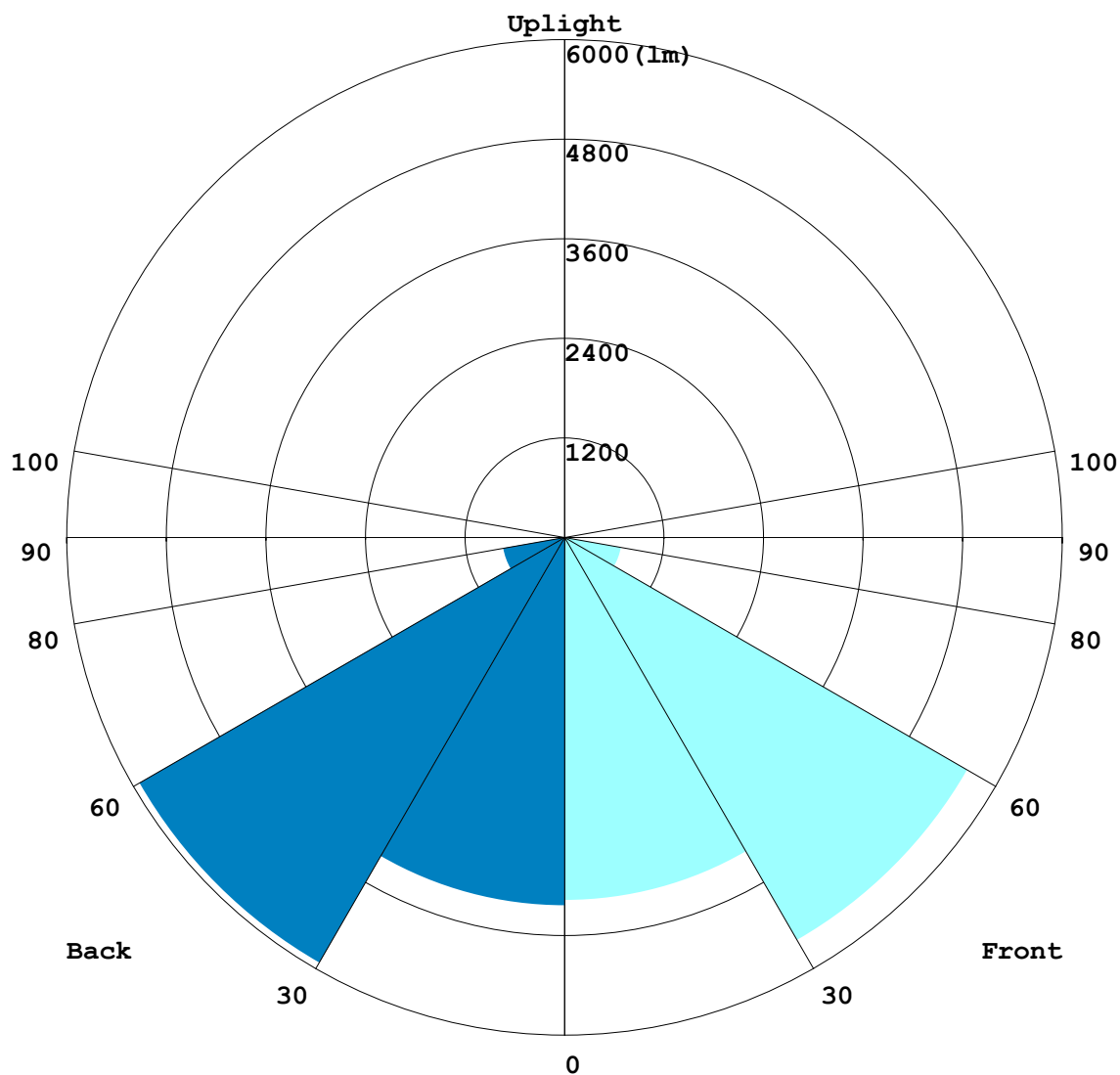
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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:121.1V I:1.259A P:152.4W PF:0.9989 Lamp Flux:21847.8x1 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:2021-01-17

☐ 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:121.1V I:1.259A P:152.4W PF:0.9989 Lamp Flux:21847.8x1 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)	4368.1	20.0
FM - Front-Medium(30-60)	5603.8	25.6
FH - Front-High(60-80)	692.29	3.2
FVH - Front-Very High(80-90)	40.922	0.2
Total Forward Light	10705	49.0

BL - Back-Low(0-30)	4435.6	20.3
BM - Back-Medium(30-60)	5915.2	27.1
BH - Back-High(60-80)	749.31	3.4
BVH - Back-Very High(80-90)	42.517	0.2
Total Back Light	11143	51.0

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	B4-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11143	0	11143
Street Side	10705	0	10705

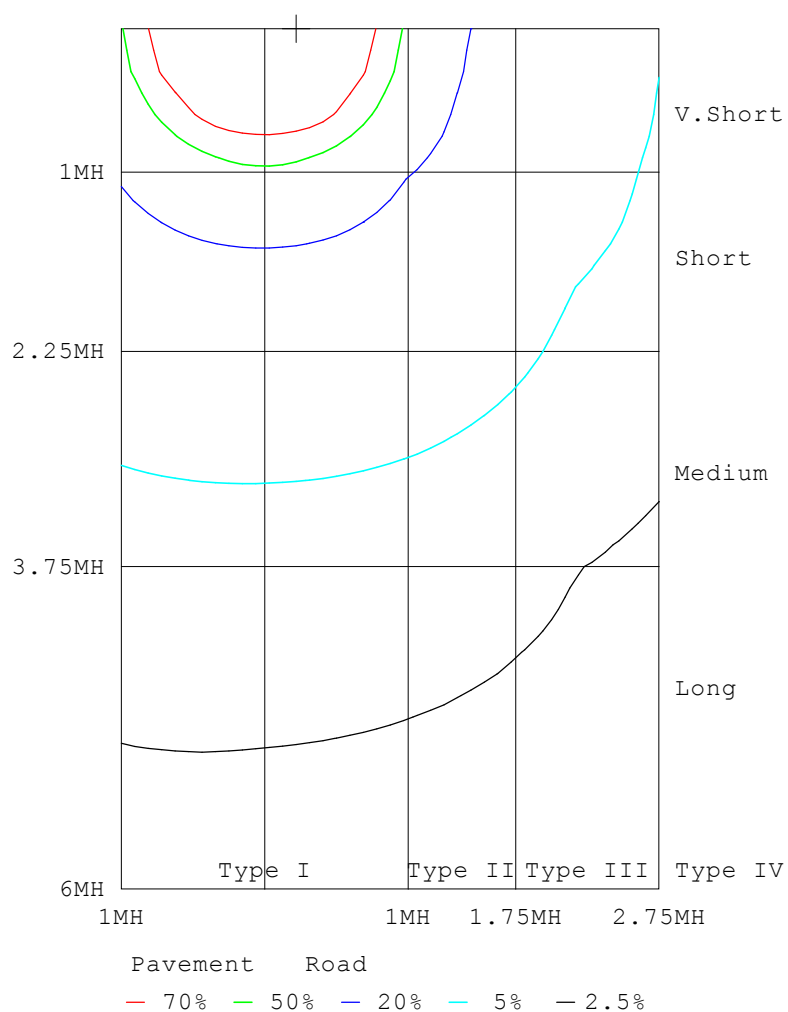
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-17

☐ 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:121.1V I:1.259A P:152.4W PF:0.9989 Lamp Flux:21847.8x1 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:2021-01-17

☐ 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: $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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--2

UNIT: $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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: $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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: $\times 10 \text{cd}$ [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: