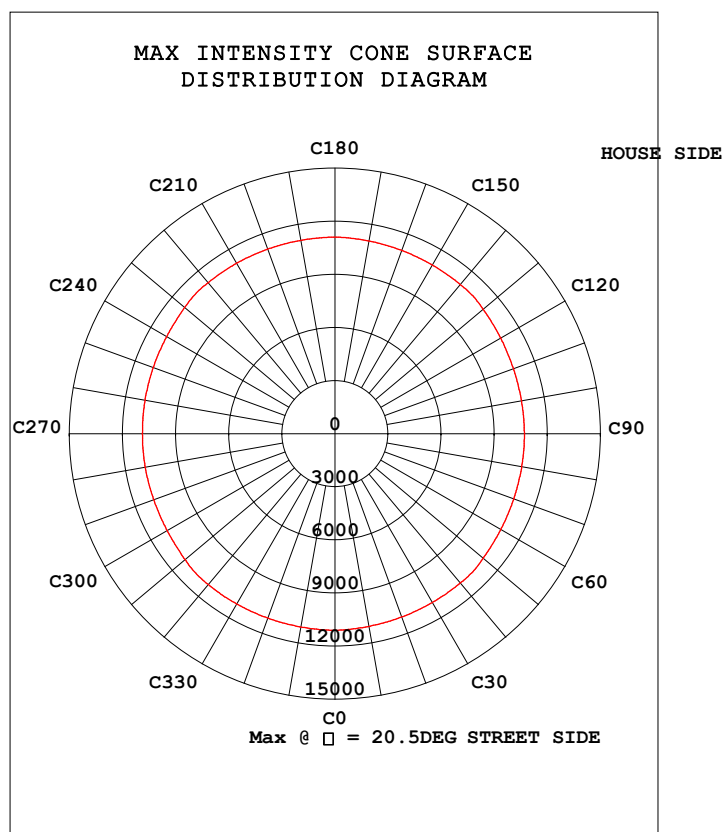
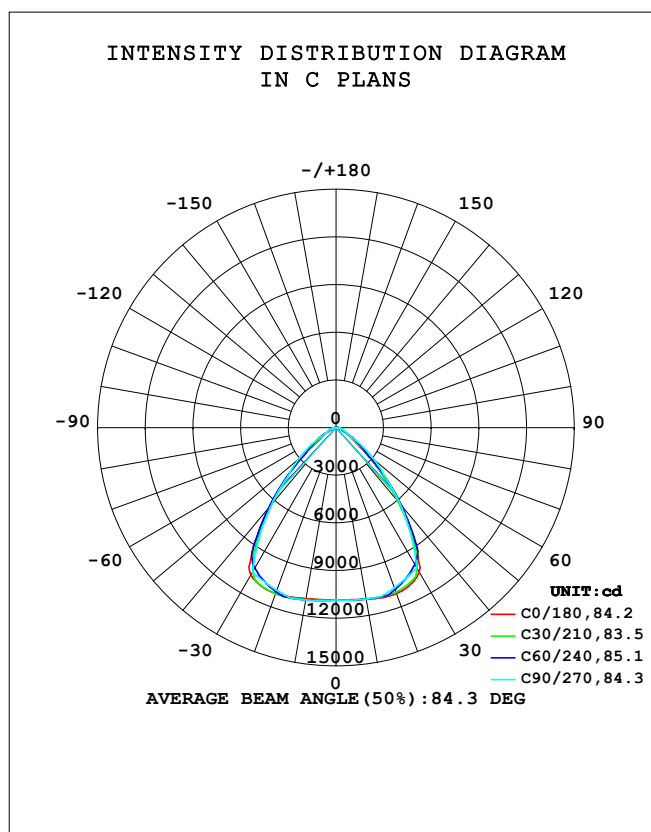


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.1V I:1.246A P:150.8W PF:0.9989 Lamp Flux:20088.2x1 lm		
NAME:NUVO 65-793R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.23 lm/W			
MODEL		Imax(cd)	11167	☐ street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	☐ street_down(%)	51.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	20088	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	20088.2	MAXIMUM @ (C, $\square$)	225,20.5	☐ house_down(%)	48.9
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	17.292

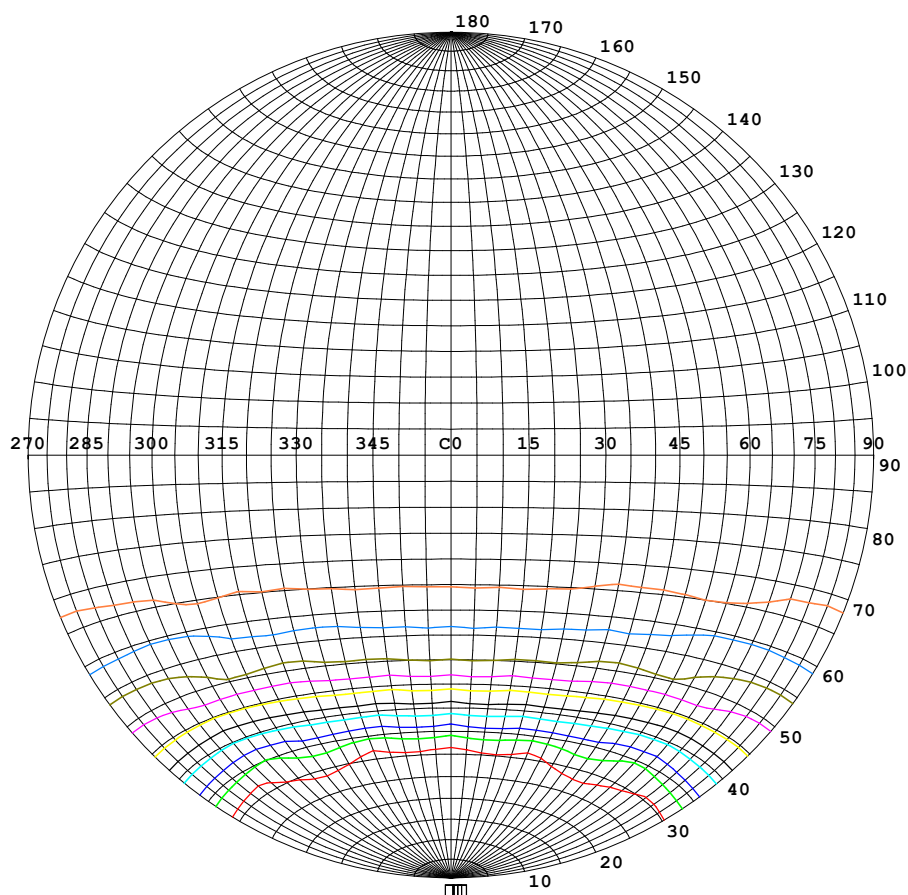


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021.01.16

☐ 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 V - Very Short

CIE:Narrow - Short

IES:Cut-off

CIE:Full cut-off

Max.At80:11.34cd/klm

Max.At90:2.055cd/klm

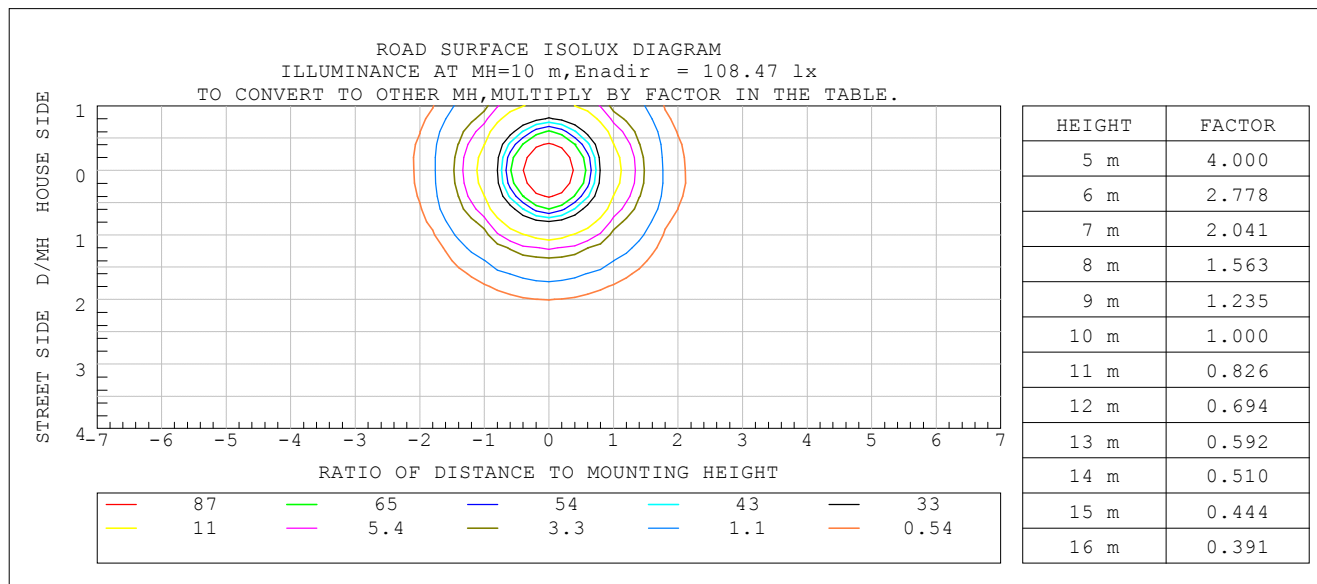
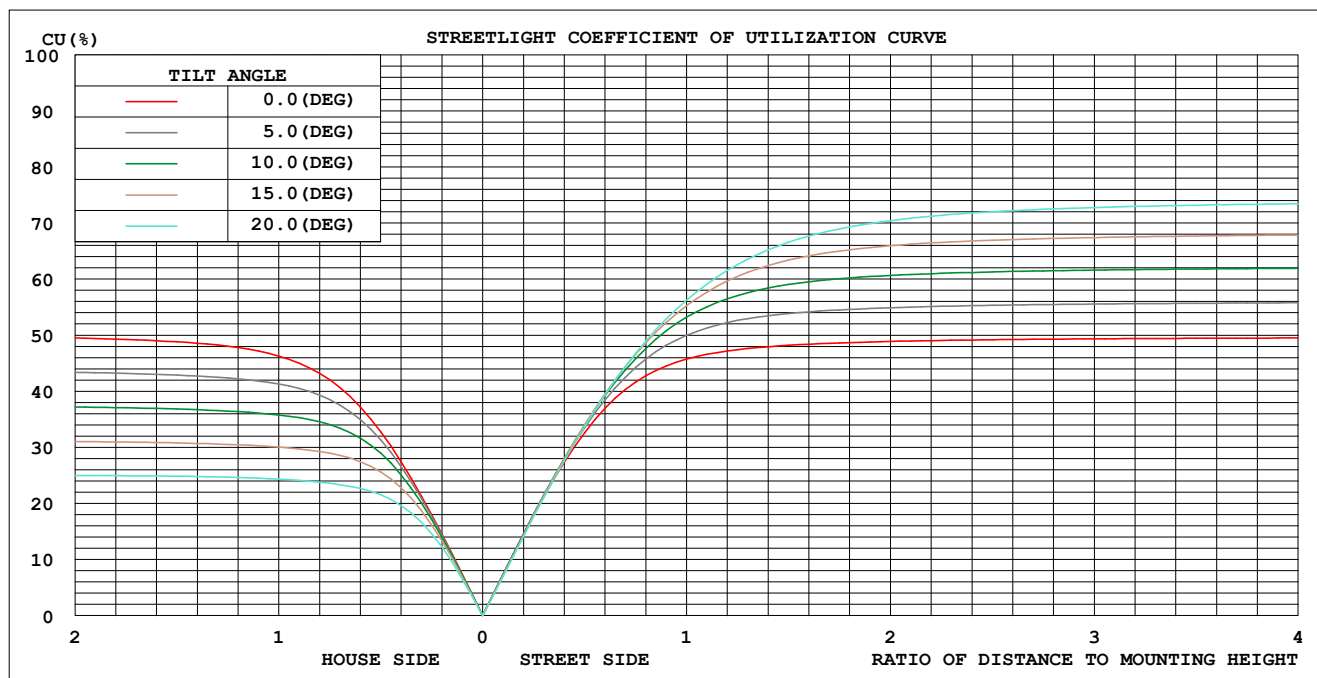
Max.80-90:11.34cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11167
90%	10051
80%	8934
70%	7817
60%	6700
50%	5584
40%	4467
30%	3350
20%	2233
10%	1117
5%	558

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021.01.16

☐ 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: 2021.01.16

☐ 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:

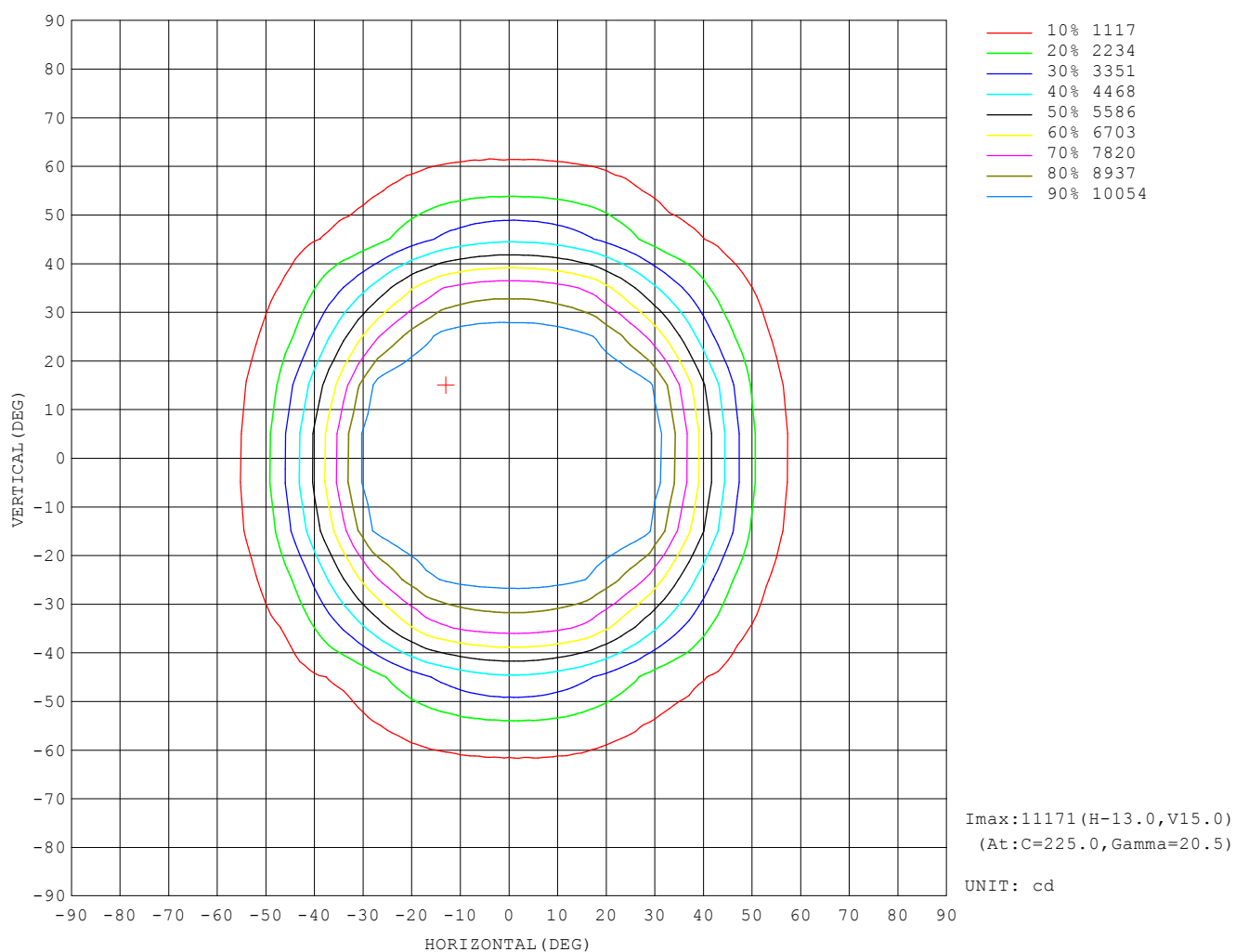
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	1087	1090	1090	1089	1087	1091	1093	1092	0- 5	260.2	260.2	1.3,1.3
10	1096	1097	1095	1094	1093	1100	1101	1101	5- 10	782.7	1043	5.19,5.19
15	1109	1102	1100	1100	1104	1109	1110	1109	10- 15	1307	2350	11.7,11.7
20	1111	1102	1073	1102	1110	1117	1090	1114	15- 20	1819	4169	20.8,20.8
25	1096	1054	1045	1063	1104	1074	1070	1072	20- 25	2281	6450	32.1,32.1
30	1049	961.0	1018	976.4	1070	985.7	1051	974.5	25- 30	2653	9103	45.3,45.3
35	848.6	815.9	822.5	844.3	906.5	842.0	841.5	827.9	30- 35	2778	11882	59.1,59.1
40	618.1	627.7	627.3	662.5	654.9	645.7	632.3	638.1	35- 40	2482	14364	71.5,71.5
45	406.8	425.5	432.0	448.5	436.7	435.4	423.1	429.9	40- 45	1954	16318	81.2,81.2
50	227.0	257.0	316.3	263.8	244.9	260.3	309.4	254.9	45- 50	1367	17685	88,88
55	130.1	133.6	200.5	123.1	126.8	132.4	195.7	128.7	50- 55	884.6	18570	92.4,92.4
60	82.70	92.40	84.77	89.64	80.77	93.24	82.02	91.29	55- 60	560.9	19131	95.2,95.2
65	53.95	60.75	66.84	59.42	56.18	61.35	64.32	59.29	60- 65	348.7	19479	97,97
70	36.50	37.74	48.91	36.82	40.77	37.78	46.62	35.82	65- 70	247.8	19727	98.2,98.2
75	22.30	23.28	30.98	23.18	23.57	23.51	28.92	21.97	70- 75	175.3	19903	99.1,99.1
80	8.873	11.23	21.99	11.33	9.217	10.80	20.37	9.873	75- 80	99.48	20002	99.6,99.6
85	4.606	7.078	12.99	7.160	5.101	6.665	11.81	6.077	80- 85	56.86	20059	99.9,99.9
90	2.281	3.163	4.001	3.241	2.267	2.805	3.252	2.412	85- 90	29.30	20088	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:2021.01.16

□ 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:

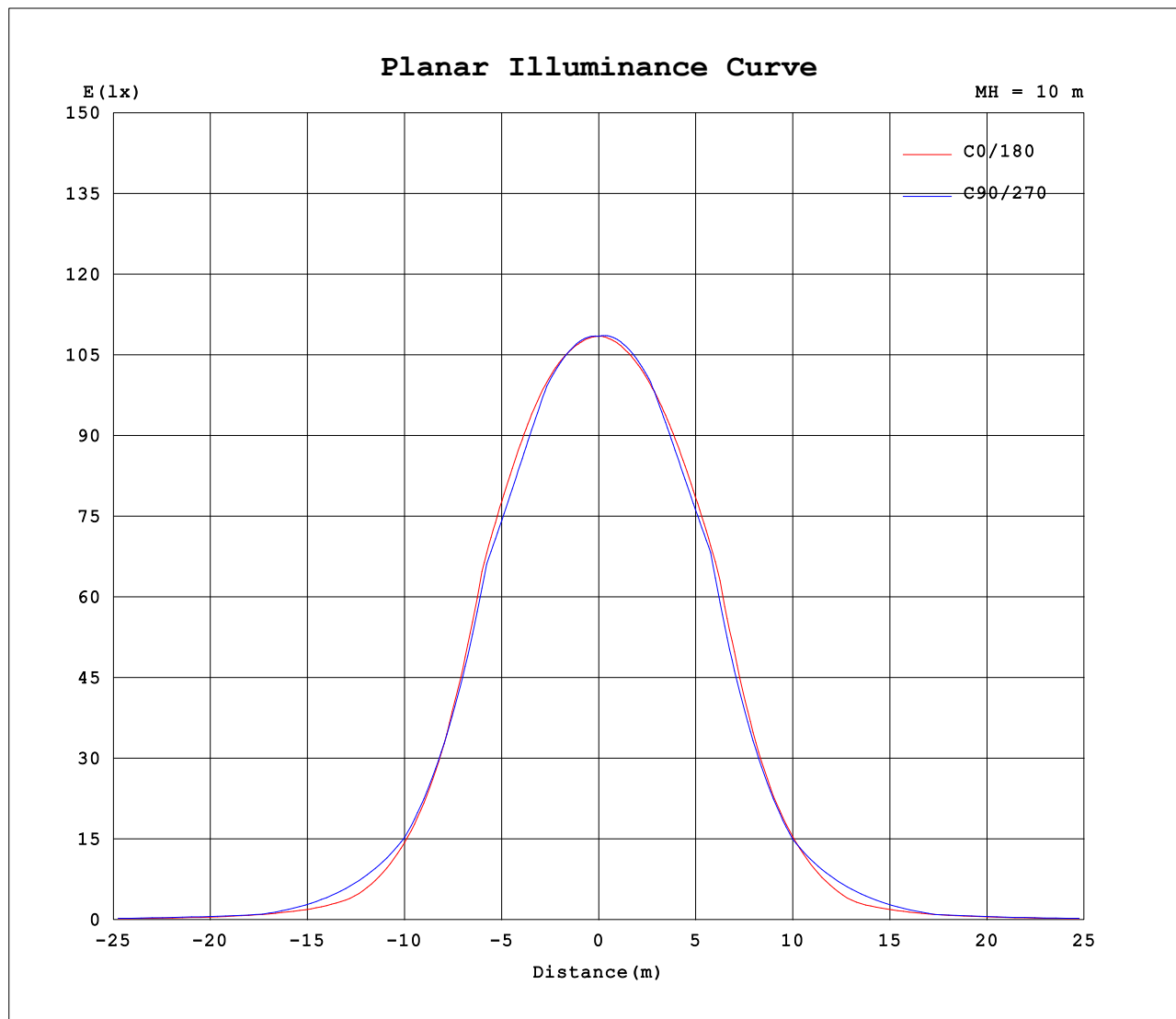
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021.01.16

☐ 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



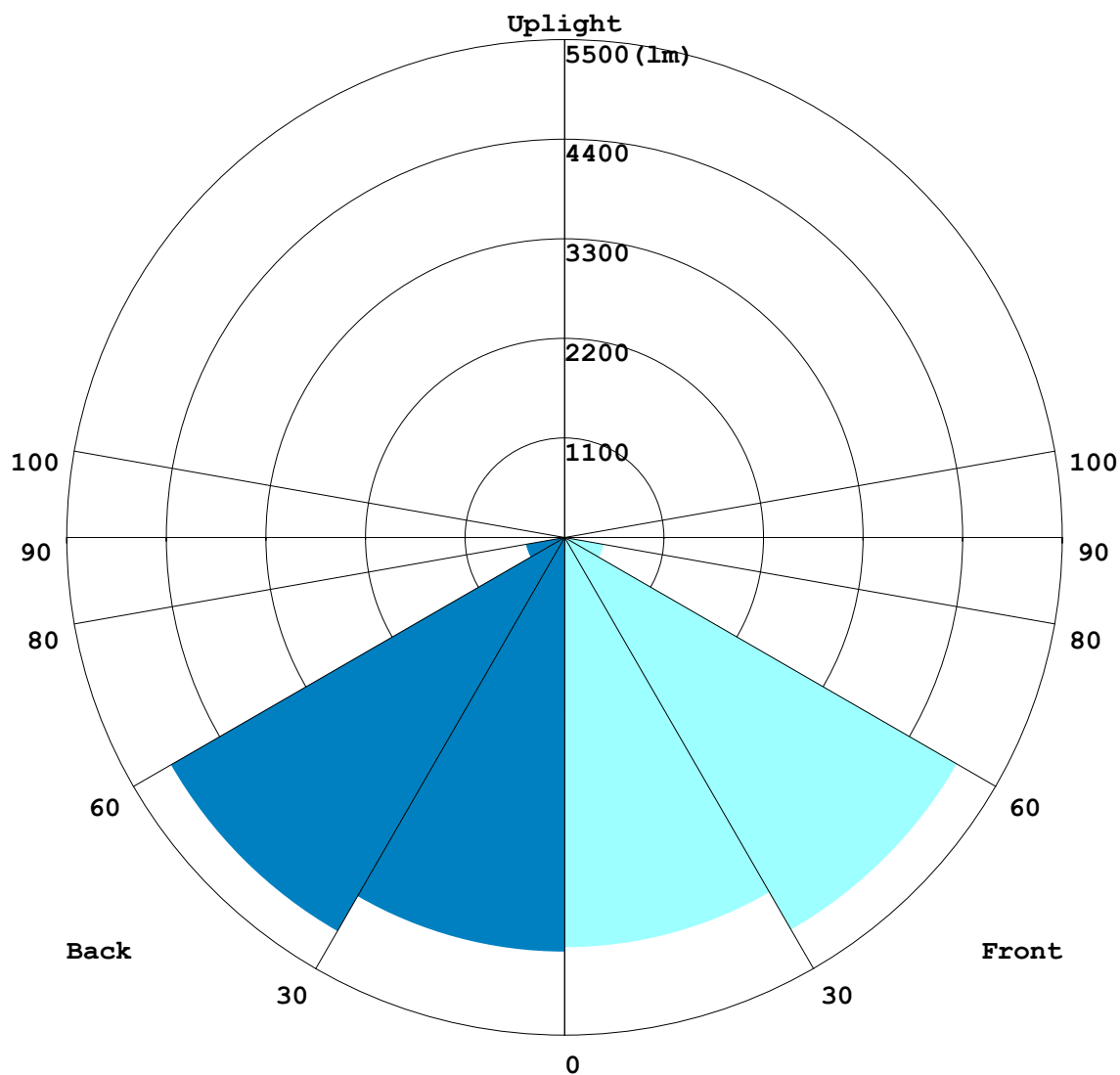
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021.01.16

☐ 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:1.246A P:150.8W PF:0.9989 Lamp Flux:20088.2x1 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:2021.01.16

□ 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:1.246A P:150.8W PF:0.9989 Lamp Flux:20088.2x1 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)	4527.9	22.5
FM - Front-Medium(30-60)	5004.5	24.9
FH - Front-High(60-80)	439.7	2.2
FVH - Front-Very High(80-90)	45.183	0.2
Total Forward Light	10017	49.9

BL - Back-Low(0-30)	4575.2	22.8
BM - Back-Medium(30-60)	5023.1	25.0
BH - Back-High(60-80)	431.58	2.1
BVH - Back-Very High(80-90)	40.98	0.2
Total Back Light	10071	50.1

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	B4-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10071	0	10071
Street Side	10017	0	10017

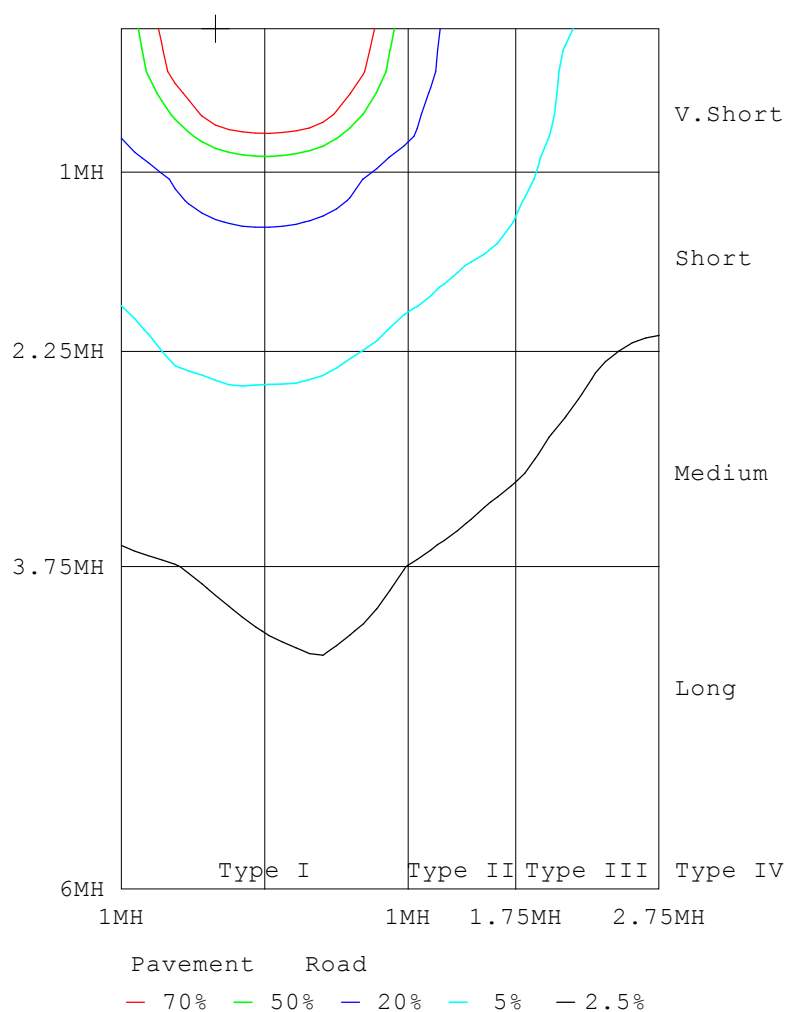
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021.01.16

☐ 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:1.246A P:150.8W PF:0.9989 Lamp Flux:20088.2x1 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:2021.01.16

☐ 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:

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: 2021.01.16

☐ 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: 2021.01.16

☐ 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--4

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

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021.01.16

☐ 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: