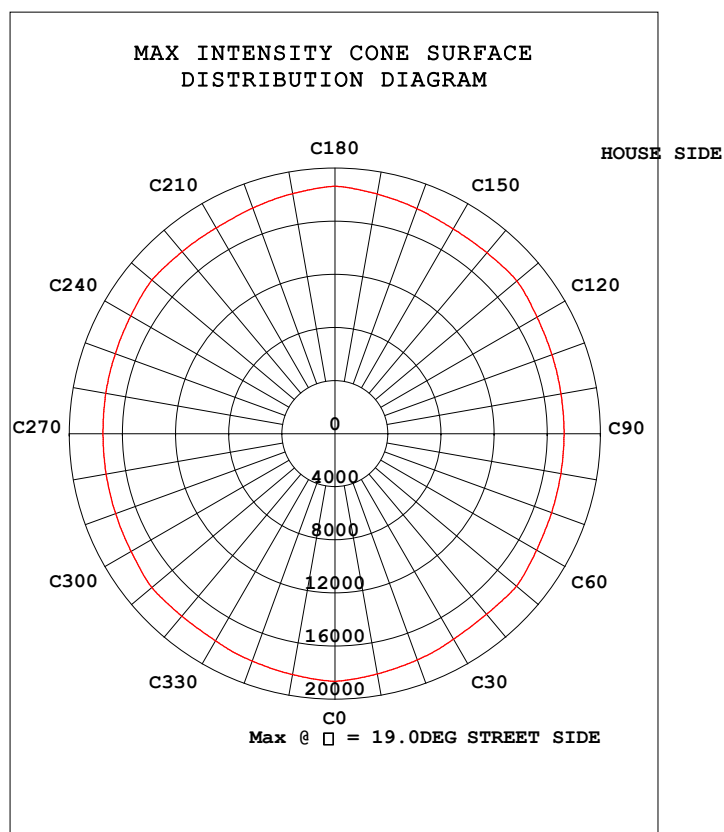
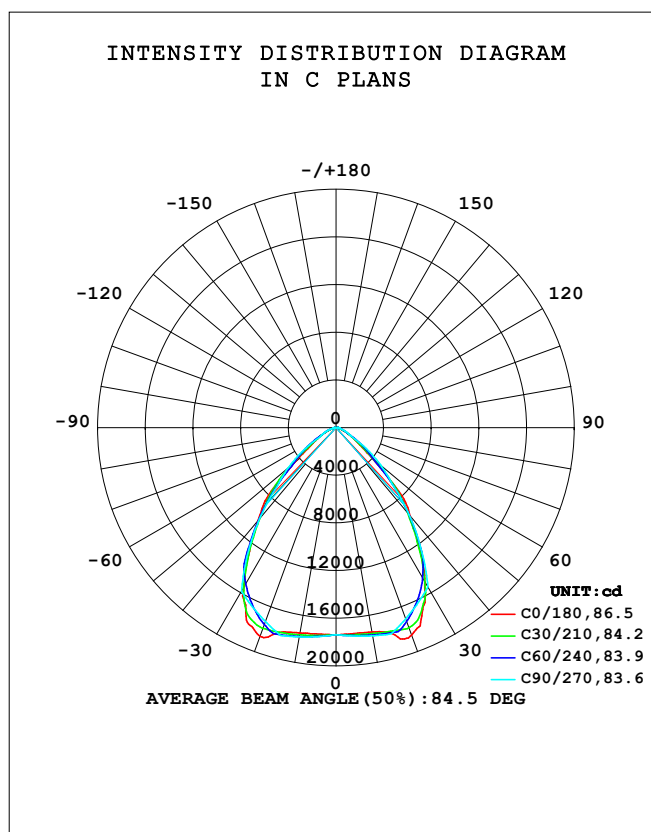


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.0V I:1.993A P:240.8W PF:0.9984 Lamp Flux:31842.3x1 lm		
NAME:NUVO 65-797R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.22 lm/W			
MODEL		Imax(cd)	18658	☐ street_up(%)	0.0
NOMINAL POWER(W)	240	LOR(%)	100.0	☐ street_down(%)	50.7
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	31842	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	31842.3	MAXIMUM @ (C, $\square$)	0,19.0	☐ house_down(%)	49.3
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	18.110

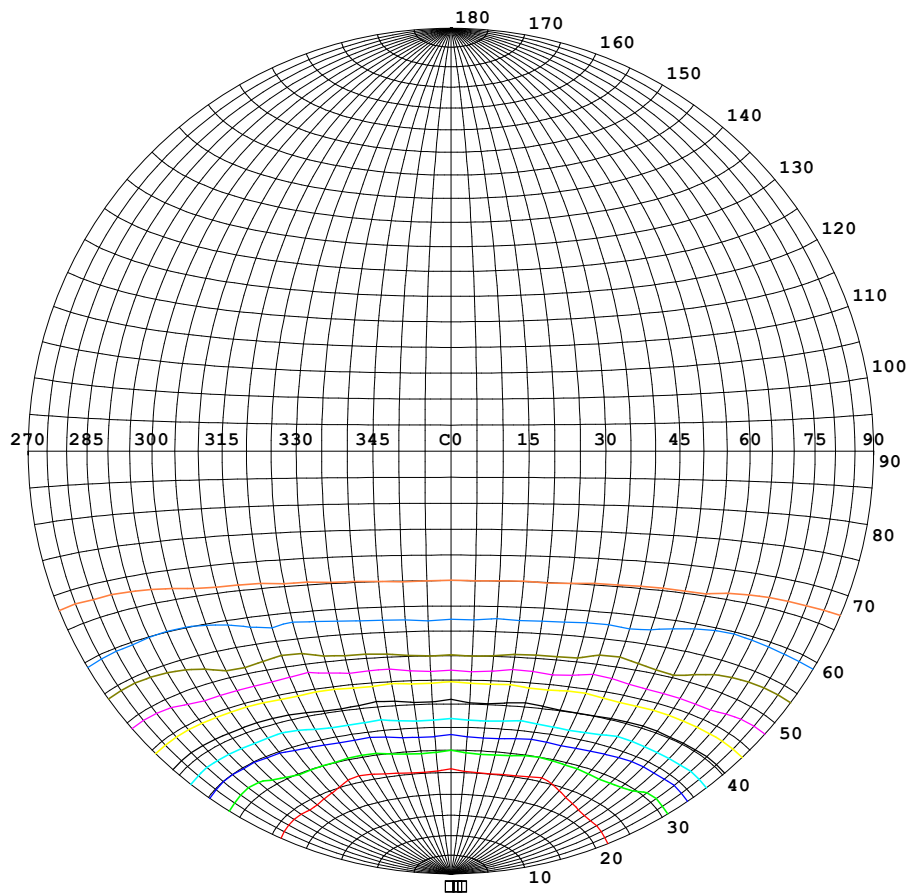


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-17

☐ 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:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM



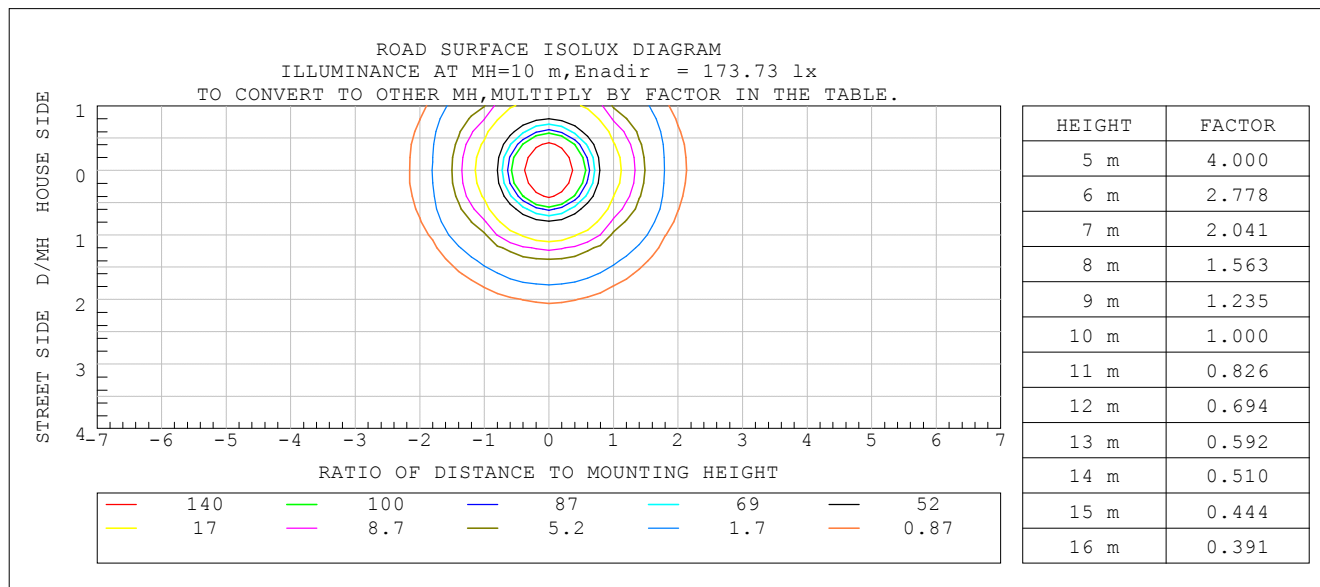
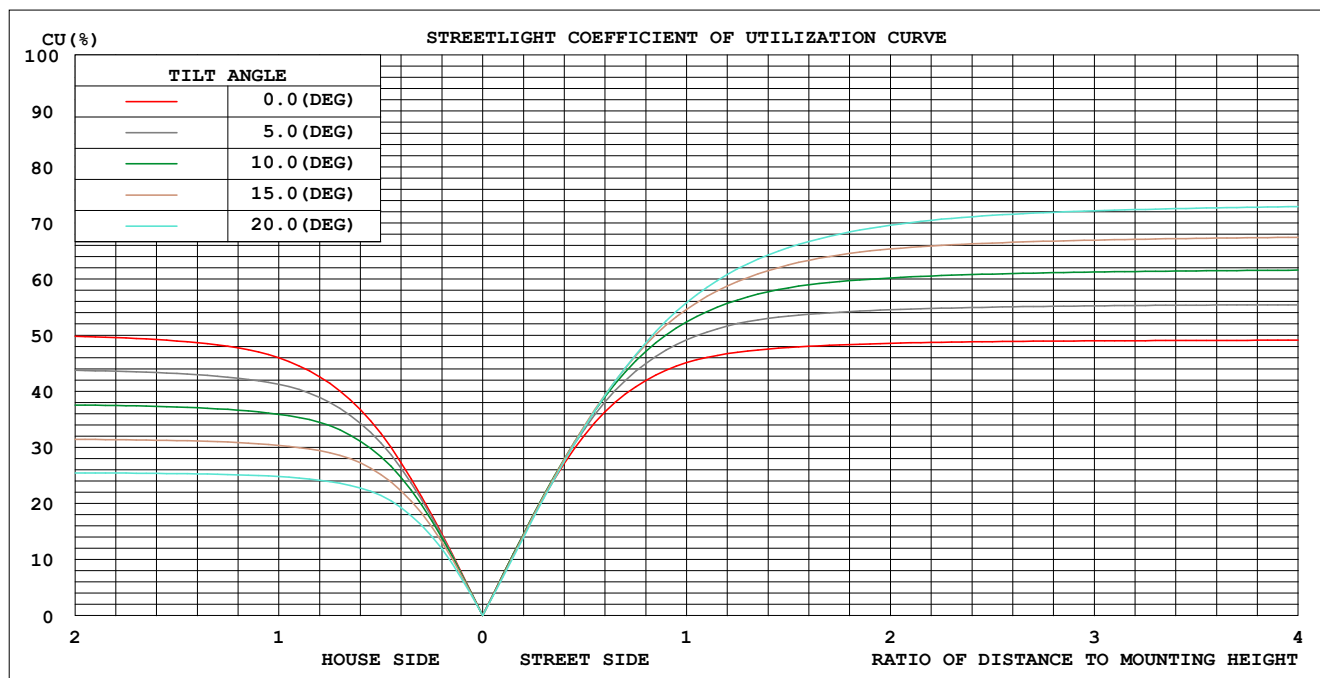
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:7.948cd/klm
Max.At90:2.587cd/klm
Max.80-90:7.948cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	18658
90%	16792
80%	14927
70%	13061
60%	11195
50%	9329
40%	7463
30%	5597
20%	3732
10%	1866
5%	933

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:

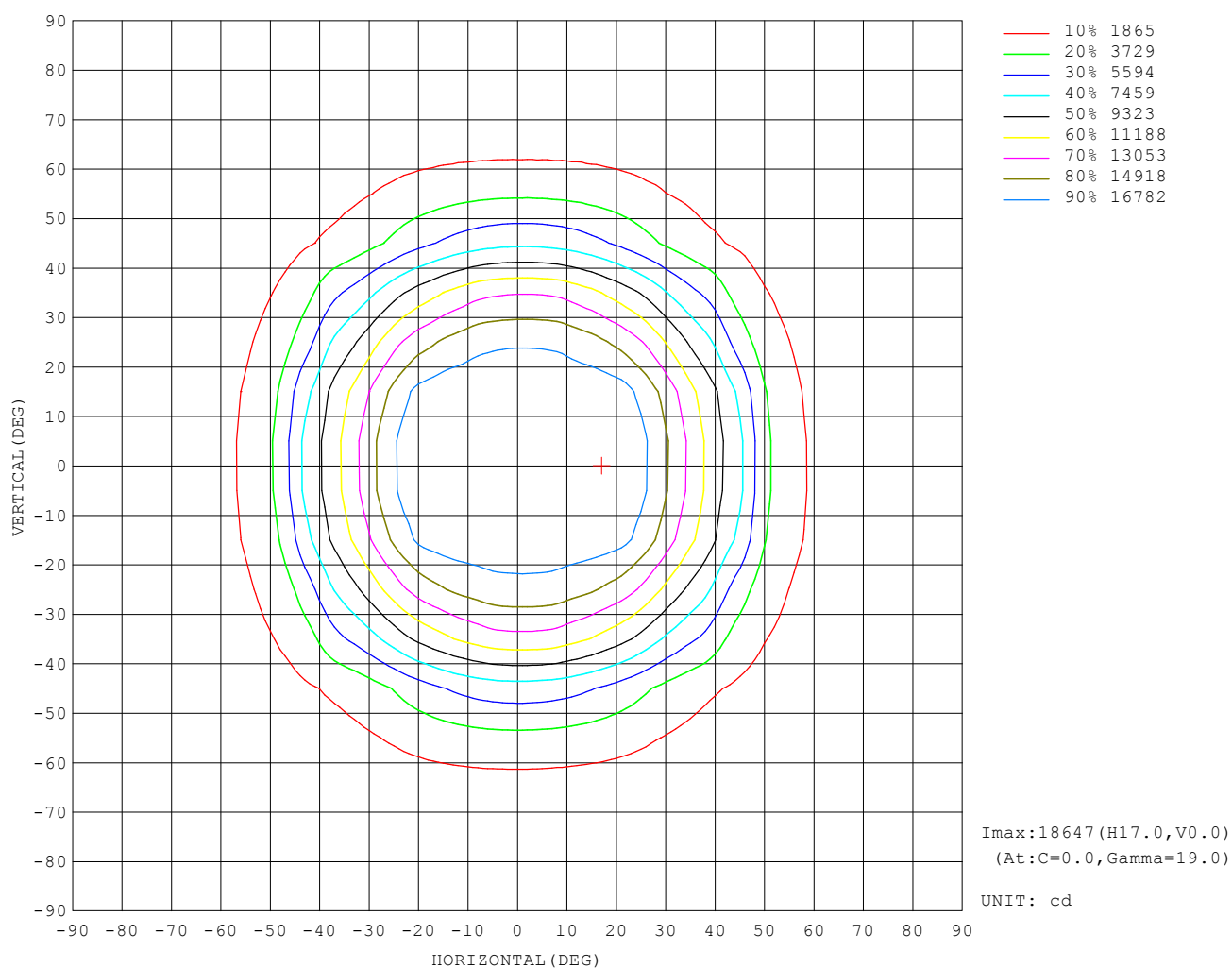
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	1735	1748	1756	1751	1739	1755	1760	1751	0- 5	417.4	417.4	1.31,1.31
10	1741	1761	1774	1766	1750	1773	1783	1768	5- 10	1258	1675	5.26,5.26
15	1787	1776	1792	1780	1776	1789	1805	1786	10- 15	2107	3782	11.9,11.9
20	1853	1778	1709	1784	1864	1794	1733	1798	15- 20	2946	6728	21.1,21.1
25	1712	1655	1626	1666	1781	1686	1660	1681	20- 25	3632	10360	32.5,32.5
30	1491	1463	1543	1492	1551	1515	1587	1493	25- 30	4036	14396	45.2,45.2
35	1222	1219	1250	1262	1267	1293	1293	1261	30- 35	4078	18474	58,58
40	967.1	947.8	955.8	1001	1021	1042	998.6	993.0	35- 40	3724	22198	69.7,69.7
45	714.9	669.1	662.0	710.0	801.8	741.4	704.3	696.0	40- 45	3129	25327	79.5,79.5
50	379.7	427.5	491.3	452.2	446.4	476.5	522.2	446.2	45- 50	2327	27654	86.8,86.8
55	227.9	225.9	320.5	237.5	253.2	254.6	340.2	234.2	50- 55	1560	29214	91.7,91.7
60	147.1	157.1	149.8	168.2	165.9	176.6	158.2	162.2	55- 60	1015	30229	94.9,94.9
65	93.66	98.26	110.1	110.7	110.3	116.2	116.8	104.4	60- 65	644.9	30874	97,97
70	42.19	59.17	70.34	69.05	58.85	72.28	75.51	62.07	65- 70	427.1	31301	98.3,98.3
75	25.95	36.72	30.61	42.63	32.10	43.54	34.17	37.82	70- 75	252.7	31554	99.1,99.1
80	16.73	18.85	23.15	21.36	19.01	20.51	25.24	18.62	75- 80	141.8	31696	99.5,99.5
85	9.842	12.80	15.69	14.19	11.83	13.50	16.31	12.19	80- 85	92.12	31788	99.8,99.8
90	5.390	6.841	8.237	7.104	3.775	6.653	7.383	5.922	85- 90	54.44	31842	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:

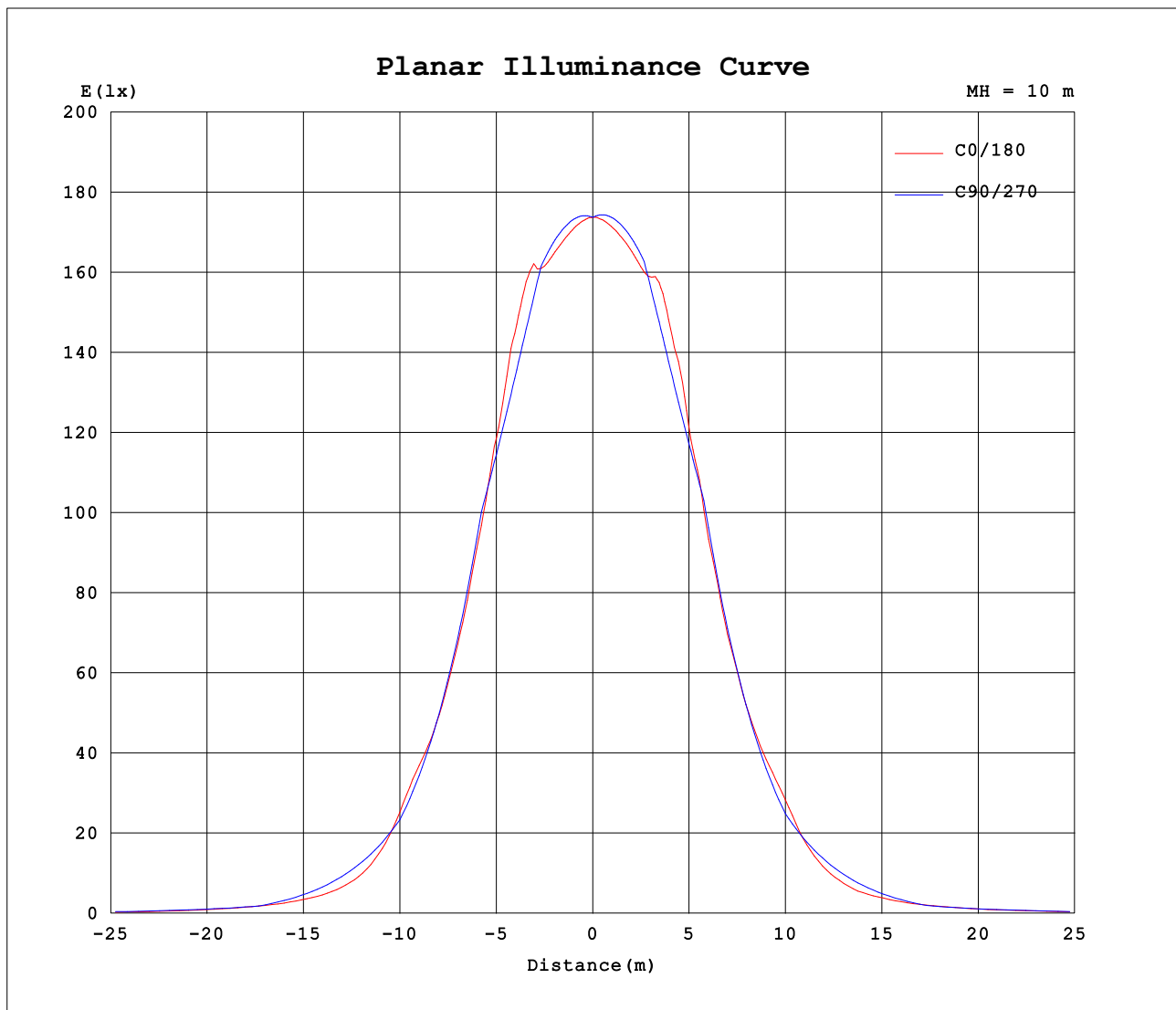
ISOCANDELA DIAGRAM



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



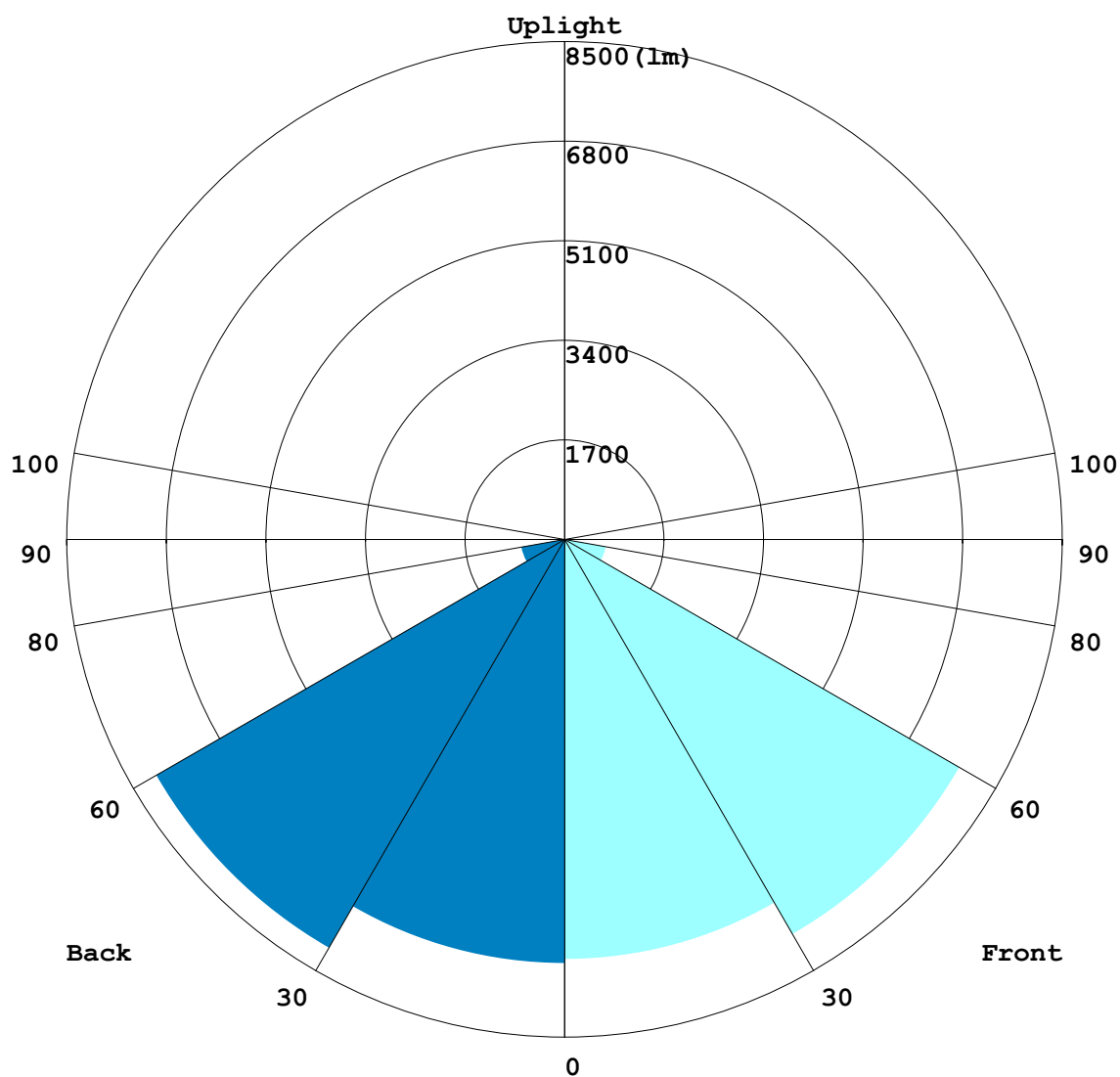
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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:121.0V I:1.993A P:240.8W PF:0.9984 Lamp Flux:31842.3x1 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:121.0V I:1.993A P:240.8W PF:0.9984 Lamp Flux:31842.3x1 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)	7161	22.5
FM - Front-Medium(30-60)	7781.6	24.4
FH - Front-High(60-80)	716.93	2.3
FVH - Front-Very High(80-90)	73.434	0.2
Total Forward Light	15733	49.4

BL - Back-Low(0-30)	7235.3	22.7
BM - Back-Medium(30-60)	8051.5	25.3
BH - Back-High(60-80)	749.45	2.4
BVH - Back-Very High(80-90)	73.123	0.2
Total Back Light	16109	50.6

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	B?-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16109	0	16109
Street Side	15733	0	15733

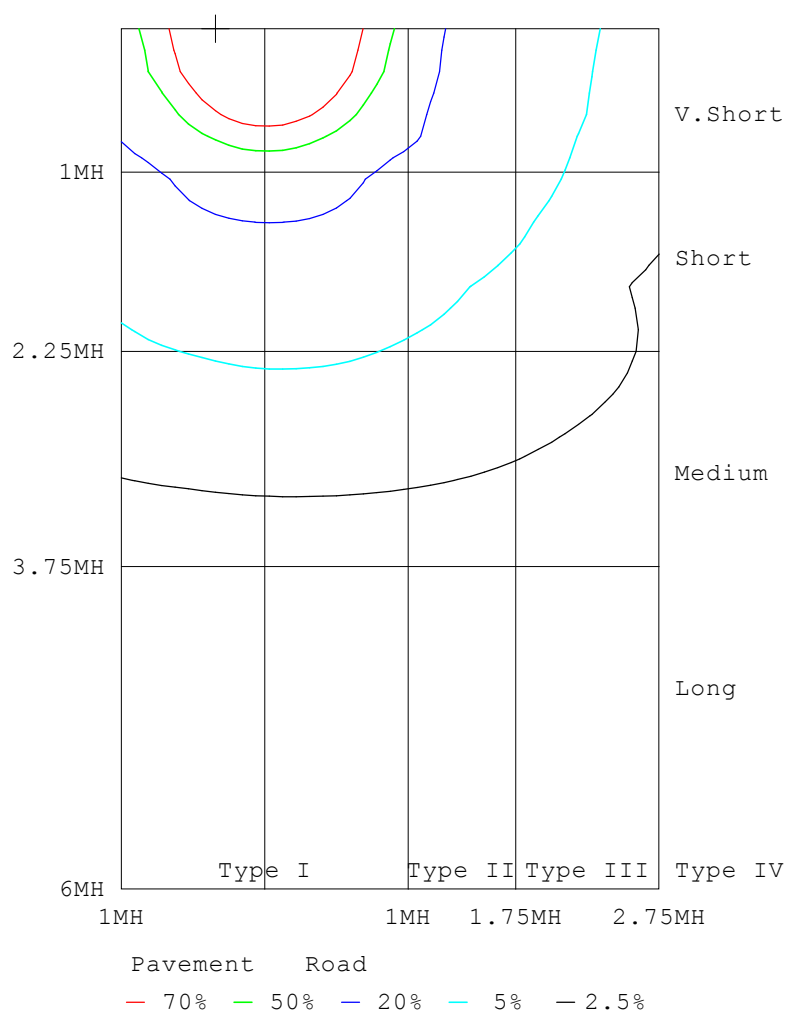
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-17

☐ 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:121.0V I:1.993A P:240.8W PF:0.9984 Lamp Flux:31842.3x1 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

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: 2021-01-17

☐ 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: