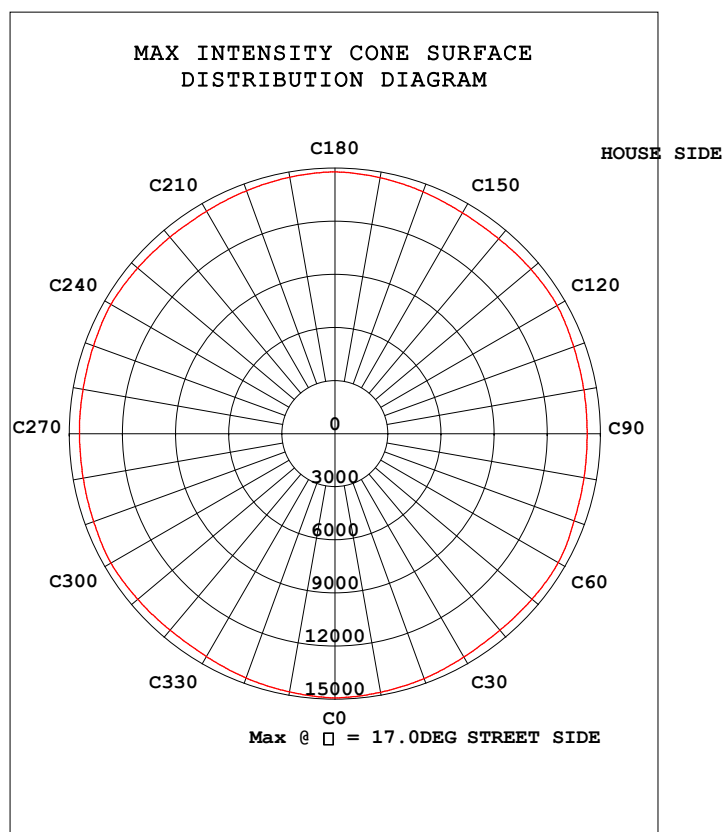
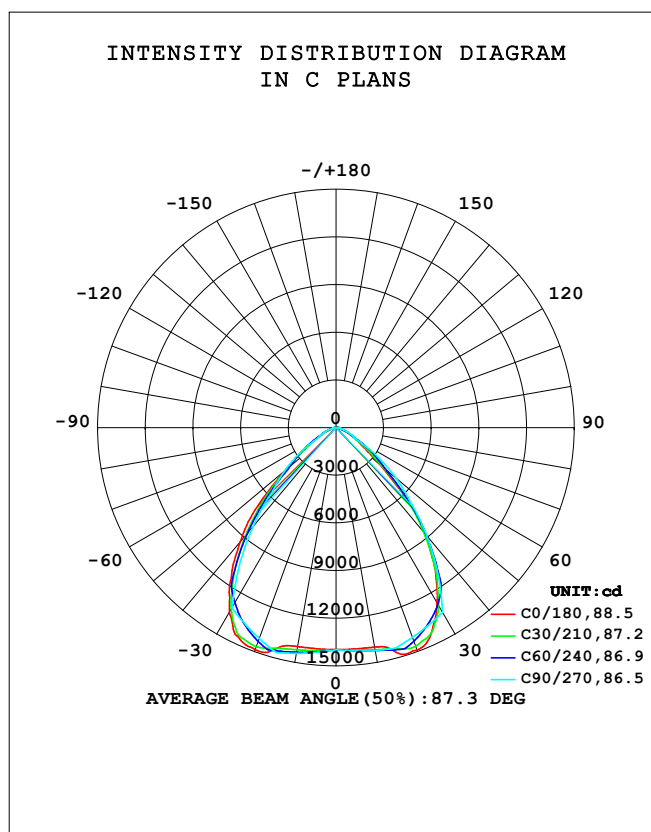


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:276.7V I:0.7216A P:198.7W PF:0.9951 Lamp Flux:27367x1 lm		
NAME:NUVO 65-806R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.75 lm/W			
MODEL		Imax(cd)	14924	☐ street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	☐ street_down(%)	50.4
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	27367	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	27367	MAXIMUM @ (C, $\square$)	0,17.0	☐ house_down(%)	49.6
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	277	☐ down(%)	100.0	SLI	18.153

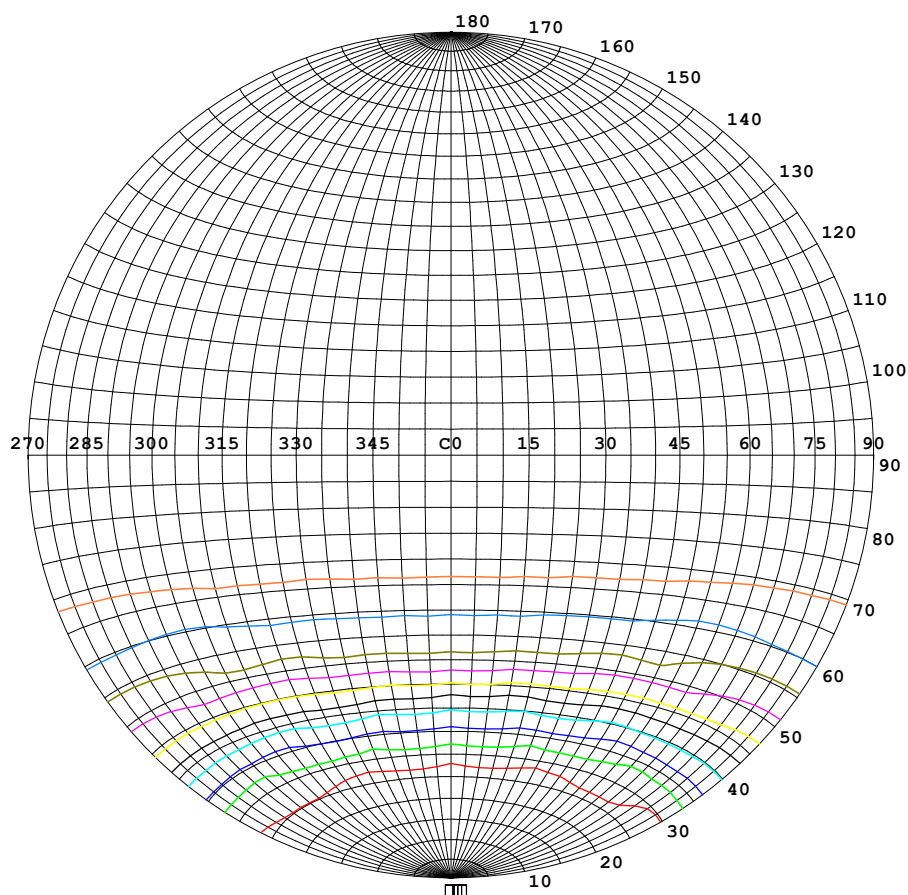


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

$\square$ 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.At80:8.375cd/klm

Max.At90:3.214cd/klm

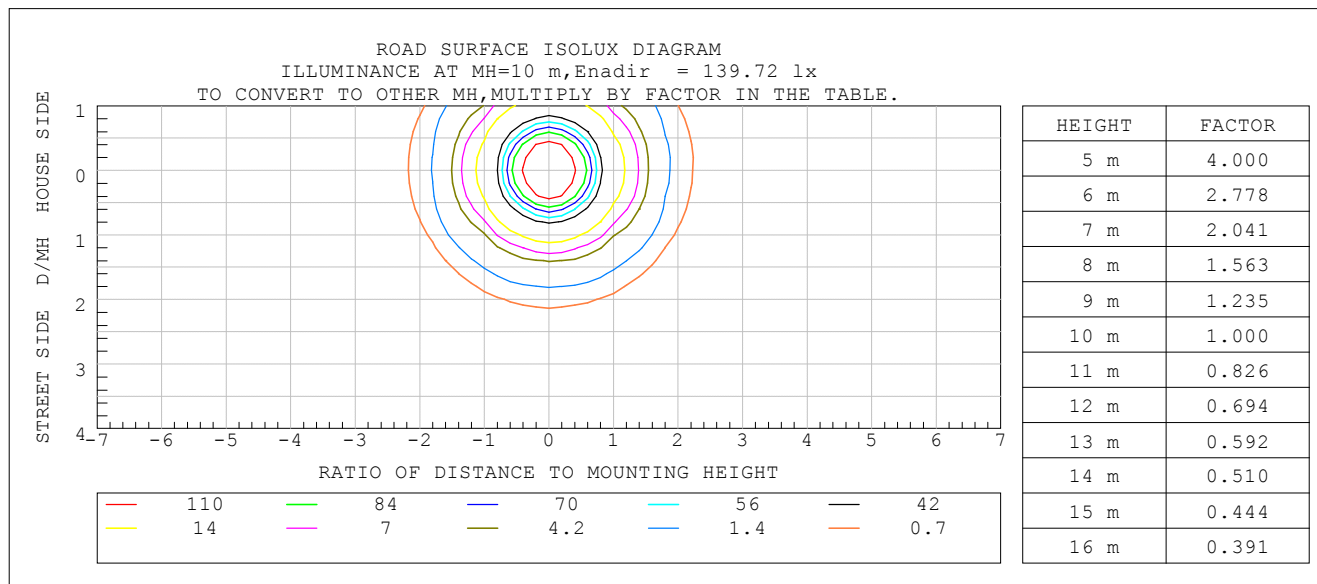
Max.80-90:8.375cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	14924
90%	13432
80%	11940
70%	10447
60%	8955
50%	7462
40%	5970
30%	4477
20%	2985
10%	1492
5%	746

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-21

☐ 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: 2021-01-21

☐ 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:

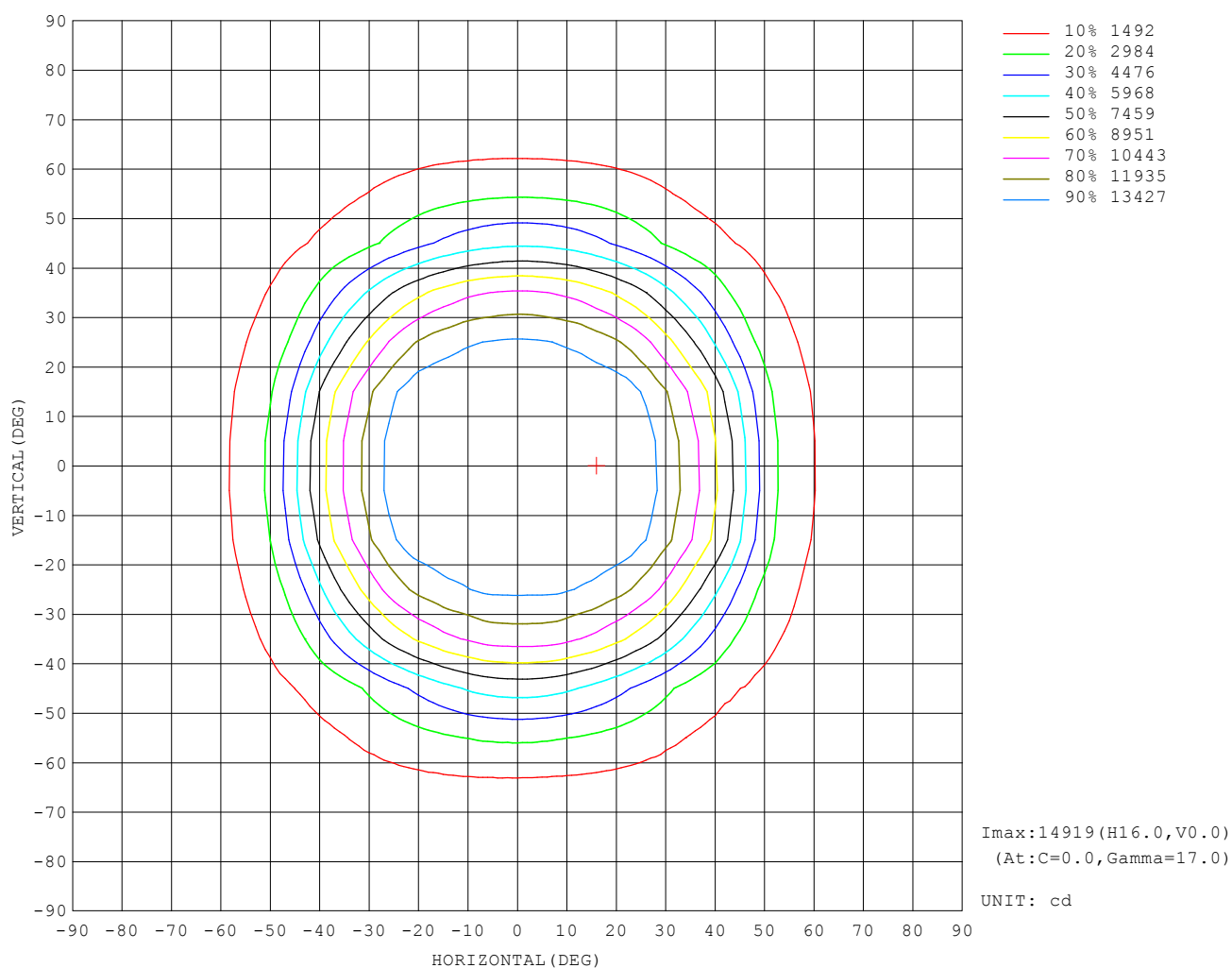
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	1398	1408	1410	1407	1397	1413	1420	1413	0- 5	335.9	335.9	1.23,1.23
10	1402	1424	1424	1420	1399	1428	1442	1429	5- 10	1013	1349	4.93,4.93
15	1464	1444	1437	1437	1437	1445	1464	1445	10- 15	1700	3049	11.1,11.1
20	1491	1458	1405	1448	1488	1464	1413	1455	15- 20	2392	5441	19.9,19.9
25	1422	1390	1373	1396	1454	1398	1361	1370	20- 25	2984	8424	30.8,30.8
30	1272	1270	1342	1296	1345	1280	1309	1235	25- 30	3399	11824	43.2,43.2
35	1091	1106	1115	1153	1151	1117	1061	1055	30- 35	3540	15364	56.1,56.1
40	879.9	908.6	888.3	969.2	937.9	911.2	813.7	841.3	35- 40	3309	18673	68.2,68.2
45	610.3	645.1	661.7	706.0	697.0	645.7	566.0	590.1	40- 45	2792	21465	78.4,78.4
50	360.0	411.6	490.1	463.9	420.3	410.7	421.8	371.3	45- 50	2074	23540	86,86
55	208.8	219.8	318.5	256.5	240.9	217.4	277.5	197.5	50- 55	1421	24961	91.2,91.2
60	136.4	151.9	146.9	174.7	149.5	151.6	133.3	140.3	55- 60	929.5	25890	94.6,94.6
65	89.03	95.97	107.8	111.8	99.36	97.48	97.74	89.86	60- 65	591.4	26482	96.8,96.8
70	43.08	59.17	68.65	70.35	53.15	58.77	62.18	53.65	65- 70	391.2	26873	98.2,98.2
75	26.84	35.70	29.54	42.27	27.93	36.72	26.62	33.38	70- 75	229.8	27103	99,99
80	16.64	18.13	22.60	19.94	17.06	18.62	20.21	17.33	75- 80	128.9	27232	99.5,99.5
85	9.159	12.17	15.67	13.48	10.70	12.34	13.80	11.59	80- 85	84.27	27316	99.8,99.8
90	4.803	6.323	8.738	7.116	3.535	6.149	7.394	5.930	85- 90	51.13	27367	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:2021-01-21

☐ 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:

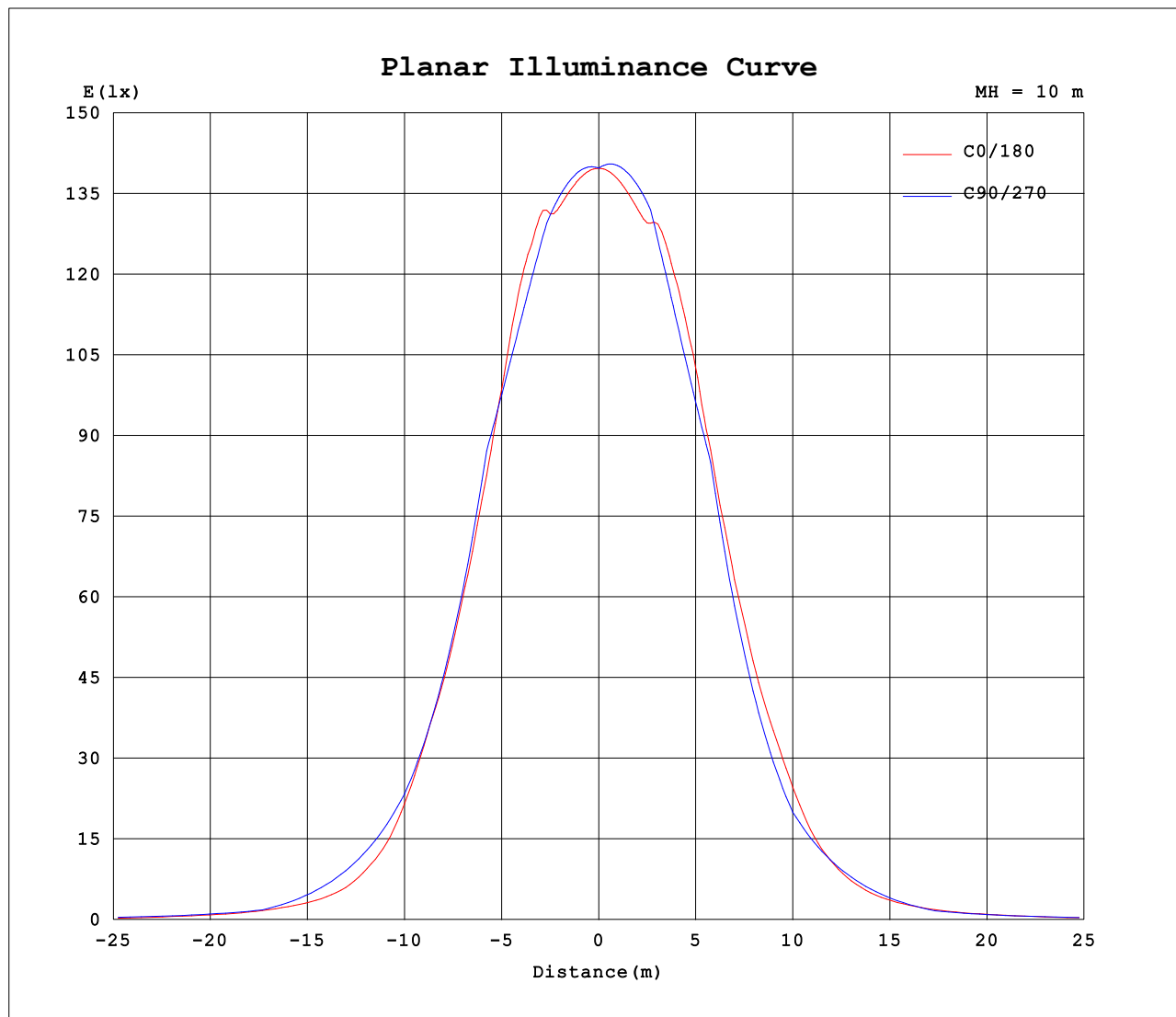
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-21

☐ 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



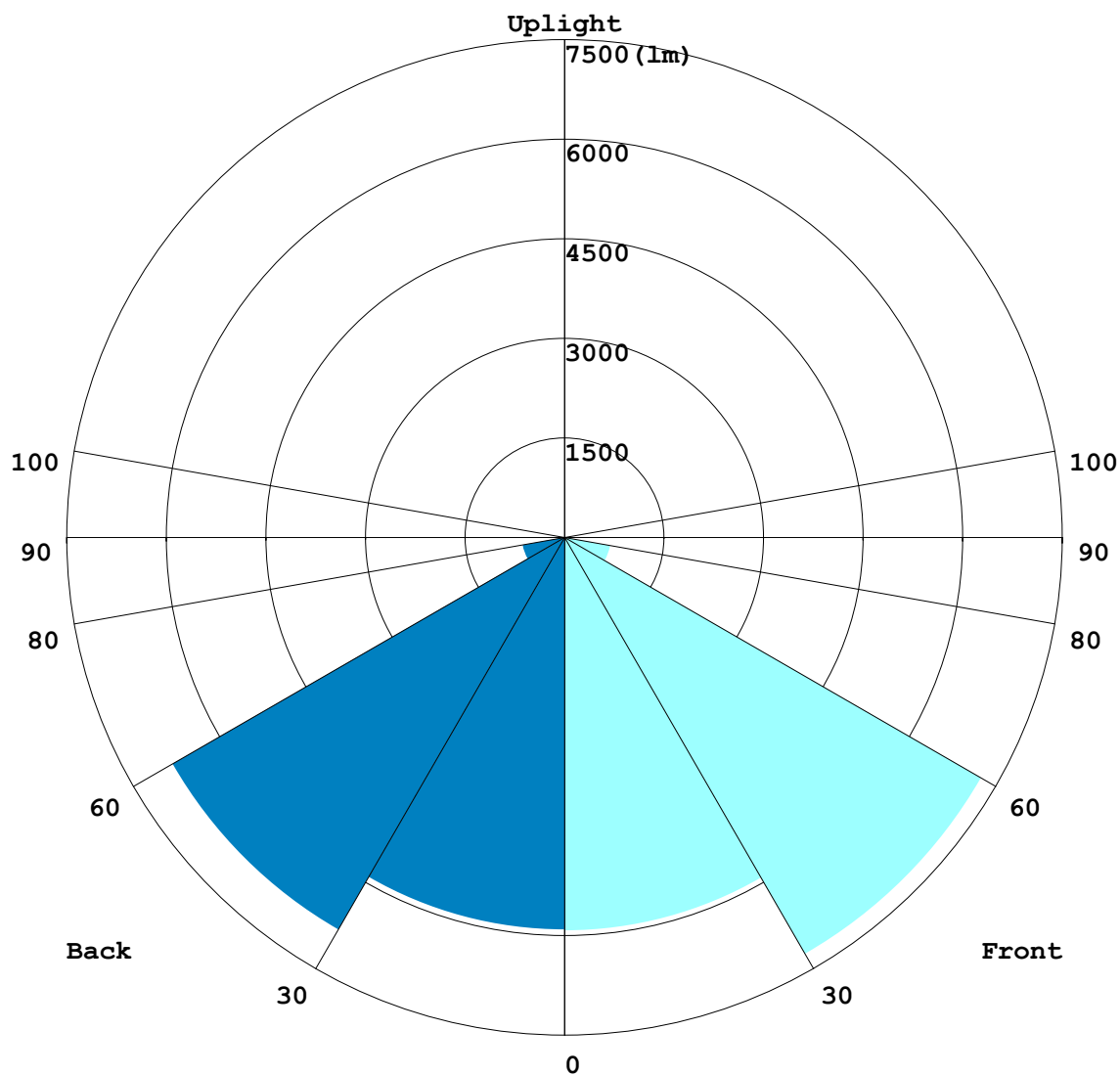
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

☐ 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:276.7V I:0.7216A P:198.7W PF:0.9951 Lamp Flux:27367x1 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:2021-01-21

□ 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:276.7V I:0.7216A P:198.7W PF:0.9951 Lamp Flux:27367x1 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)	5917.9	21.6
FM - Front-Medium(30-60)	7244.6	26.5
FH - Front-High(60-80)	699.62	2.6
FVH - Front-Very High(80-90)	69.991	0.3
Total Forward Light	13932	50.9

BL - Back-Low(0-30)	5906	21.6
BM - Back-Medium(30-60)	6821.8	24.9
BH - Back-High(60-80)	641.61	2.3
BVH - Back-Very High(80-90)	65.41	0.2
Total Back Light	13435	49.1

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	B?-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	13435	0	13435
Street Side	13932	0	13932

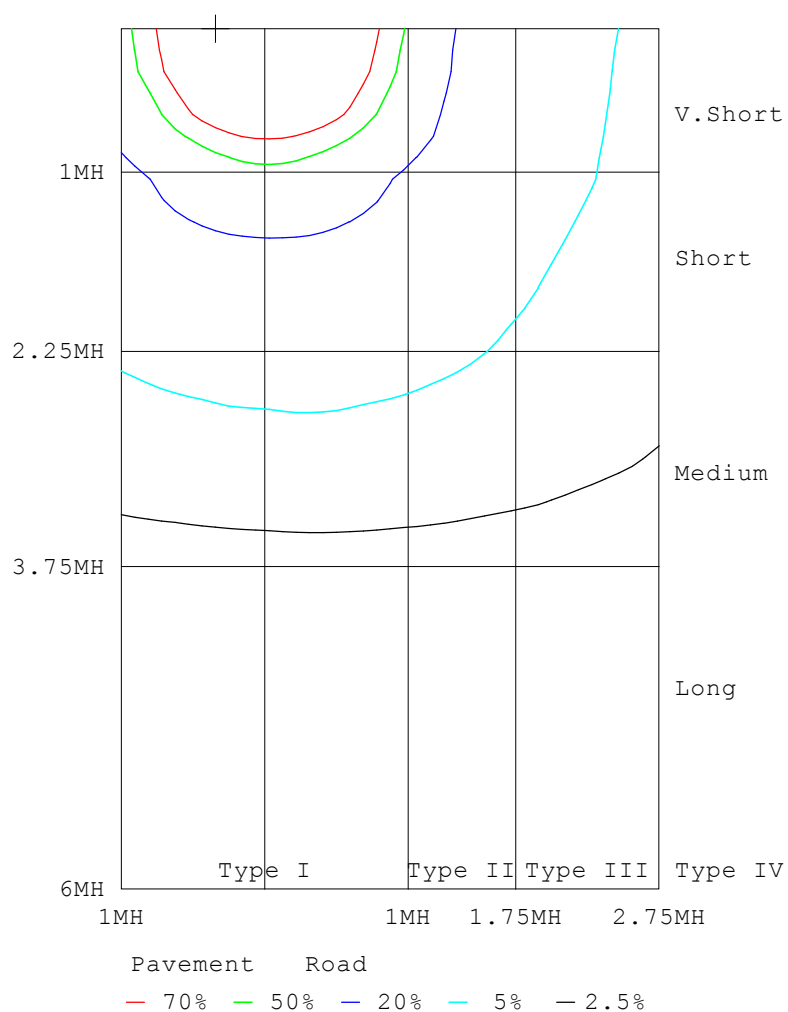
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-21

☐ 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:276.7V I:0.7216A P:198.7W PF:0.9951 Lamp Flux:27367x1 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:2021-01-21

☐ 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

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

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--4

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

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

☐ 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: