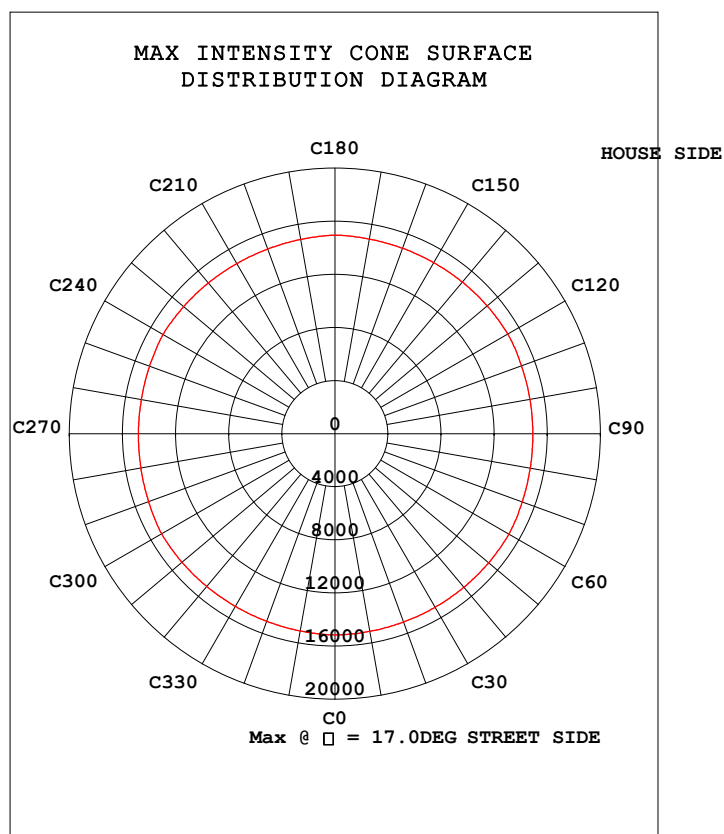
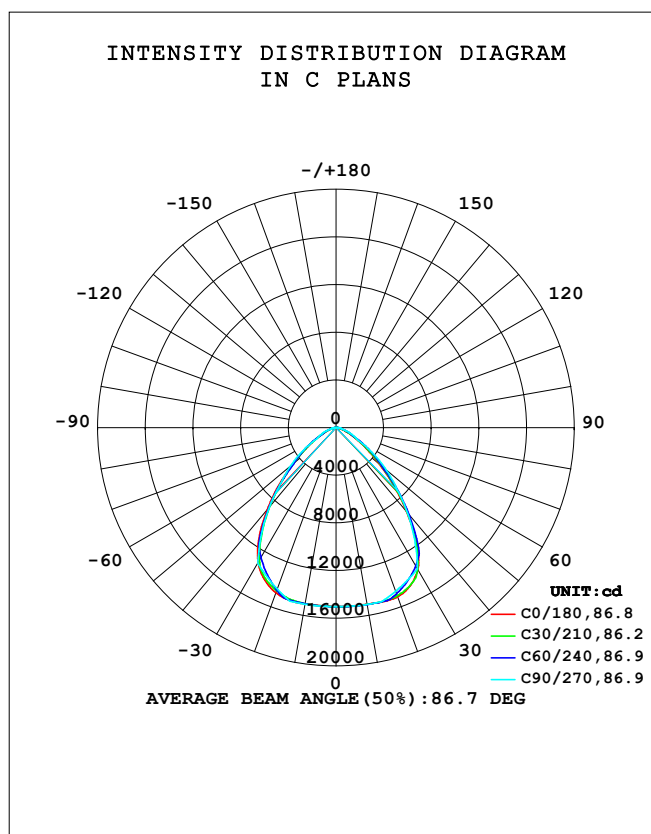


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.0V I:1.678A P:202.8W PF:0.9990 Lamp Flux:29508.1x1 lm		
NAME:NUVO 65-796R2	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.54 lm/W			
MODEL		Imax(cd)	15159	☐ street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	☐ street_down(%)	51.8
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	29508	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	29508.1	MAXIMUM @ (C, $\square$)	0,17.0	☐ house_down(%)	48.2
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	18.607

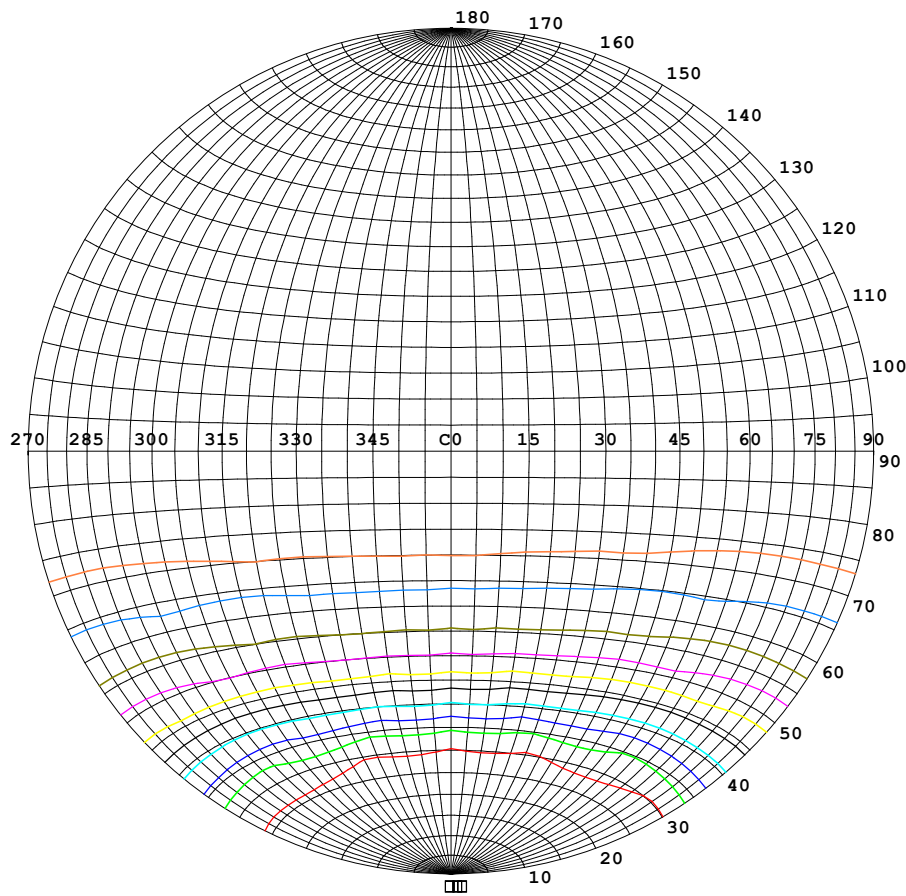


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-17

$\square$ 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



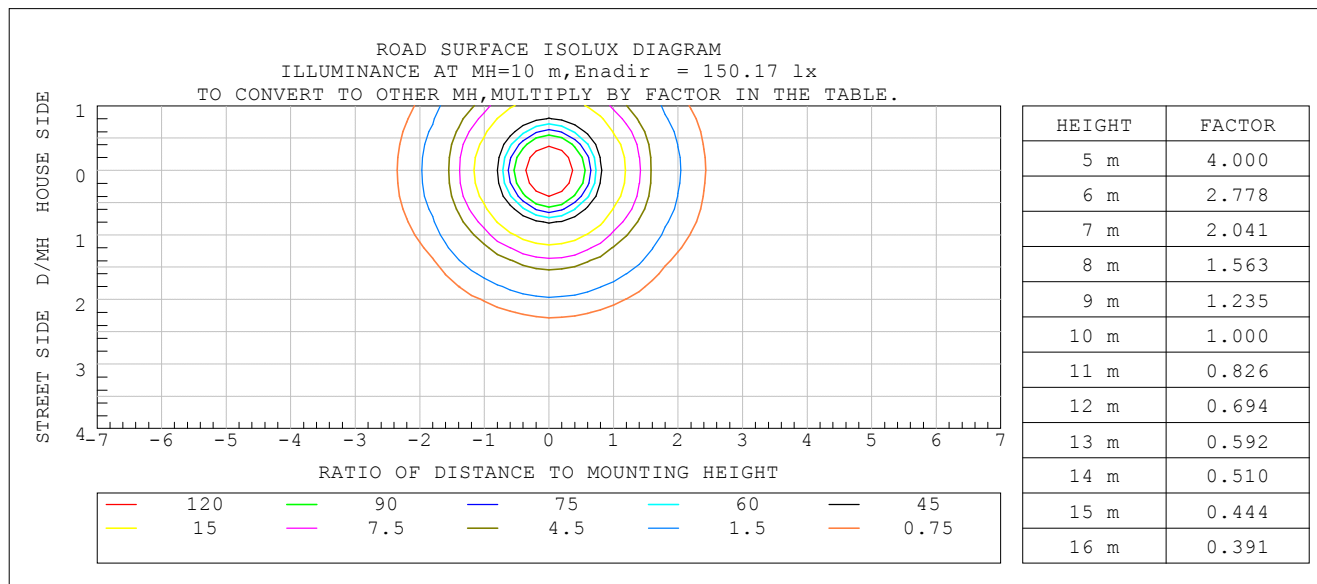
Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:12.78cd/klm
Max.At90:0.4947cd/klm
Max.80-90:12.78cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15159
90%	13643
80%	12127
70%	10611
60%	9095
50%	7579
40%	6064
30%	4548
20%	3032
10%	1516
5%	758

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:

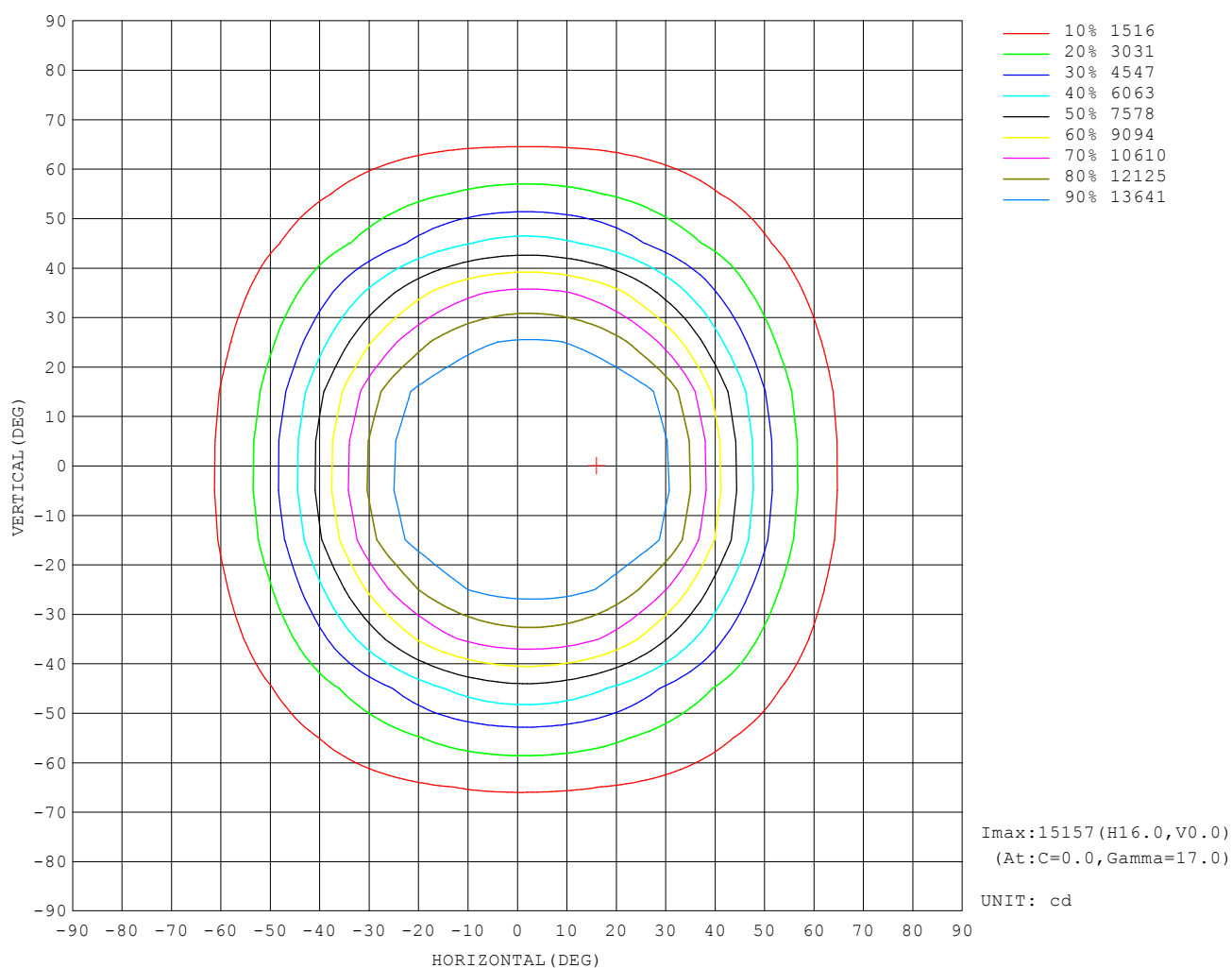
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	zone	total	%lum, lamp
5	1503	1505	1504	1502	1501	1501	1503	1504	0- 5	359.3	359.3	1.22,1.22
10	1505	1508	1507	1503	1503	1499	1505	1506	5- 10	1076	1435	4.86,4.86
15	1514	1511	1509	1499	1502	1493	1506	1506	10- 15	1785	3220	10.9,10.9
20	1510	1508	1462	1483	1475	1471	1442	1497	15- 20	2459	5679	19.2,19.2
25	1468	1439	1416	1404	1415	1377	1378	1411	20- 25	3030	8708	29.5,29.5
30	1373	1322	1369	1284	1309	1244	1314	1279	25- 30	3453	12161	41.2,41.2
35	1182	1160	1152	1130	1128	1078	1093	1106	30- 35	3618	15779	53.5,53.5
40	921.0	954.4	934.3	938.3	900.7	881.7	871.6	895.6	35- 40	3400	19179	65,65
45	681.4	718.5	717.0	707.4	674.9	661.4	650.5	667.5	40- 45	2925	22104	74.9,74.9
50	473.8	508.6	550.0	501.7	468.5	464.7	496.7	467.6	45- 50	2331	24435	82.8,82.8
55	317.4	333.9	383.0	328.6	314.2	298.5	342.8	303.1	50- 55	1760	26194	88.8,88.8
60	207.7	234.2	216.0	230.1	201.3	207.7	189.0	211.2	55- 60	1248	27442	93,93
65	130.6	148.9	162.6	146.4	125.8	131.0	141.6	132.3	60- 65	832.0	28274	95.8,95.8
70	74.47	90.39	109.3	89.38	74.87	78.68	94.17	77.76	65- 70	563.2	28837	97.7,97.7
75	39.02	55.33	56.00	56.06	41.88	48.01	46.77	44.68	70- 75	354.2	29192	98.9,98.9
80	14.90	25.34	37.70	27.49	18.10	21.80	31.41	16.87	75- 80	192.8	29384	99.6,99.6
85	0.6444	12.95	19.40	14.16	1.086	11.04	16.05	8.601	80- 85	92.98	29477	99.9,99.9
90	0.5813	1.146	1.103	1.356	0.7033	0.7313	0.6943	0.6862	85- 90	30.74	29508	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:

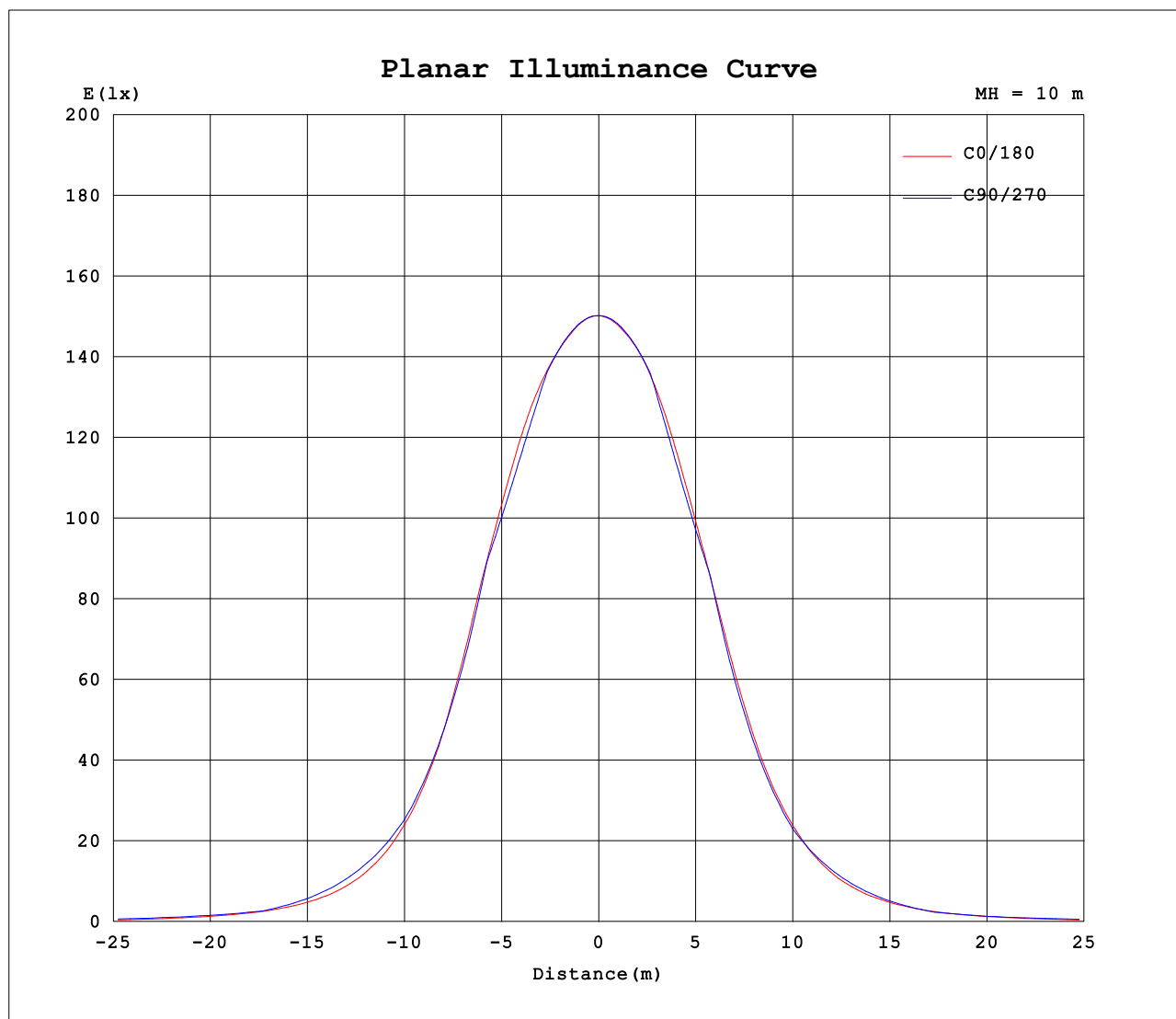
ISOCANDELA DIAGRAM



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



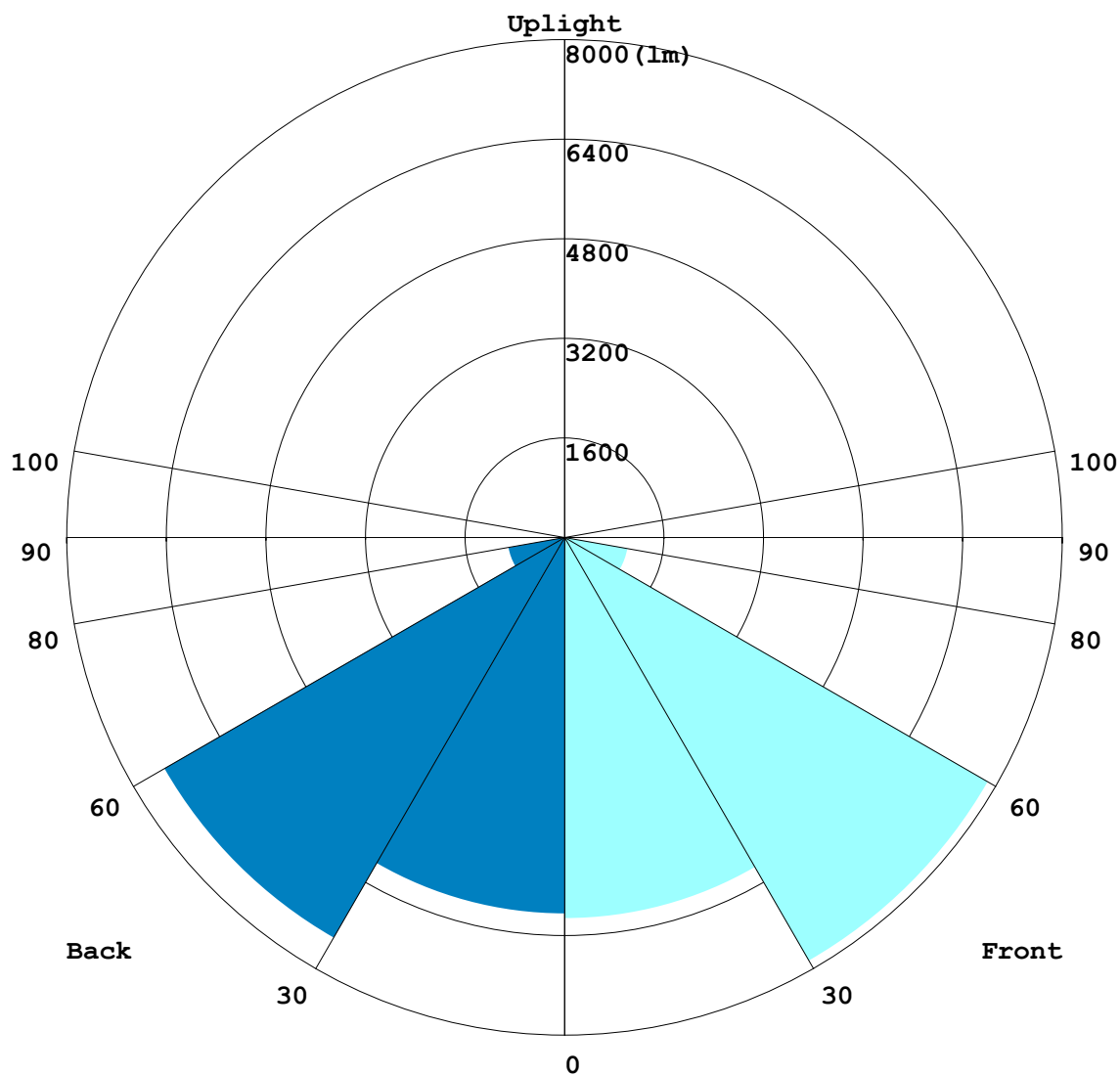
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-17

☐ 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:1.678A P:202.8W PF:0.9990 Lamp Flux:29508.1x1 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:2021-01-17

☐ 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:1.678A P:202.8W PF:0.9990 Lamp Flux:29508.1x1 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)	6116.4	20.7
FM - Front-Medium(30-60)	7852.5	26.6
FH - Front-High(60-80)	1027.9	3.5
FVH - Front-Very High(80-90)	69.123	0.2
Total Forward Light	15066	51.1

BL - Back-Low(0-30)	6044.8	20.5
BM - Back-Medium(30-60)	7428.5	25.2
BH - Back-High(60-80)	914.22	3.1
BVH - Back-Very High(80-90)	54.595	0.2
Total Back Light	14442	48.9

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	14442	0	14442
Street Side	15066	0	15066

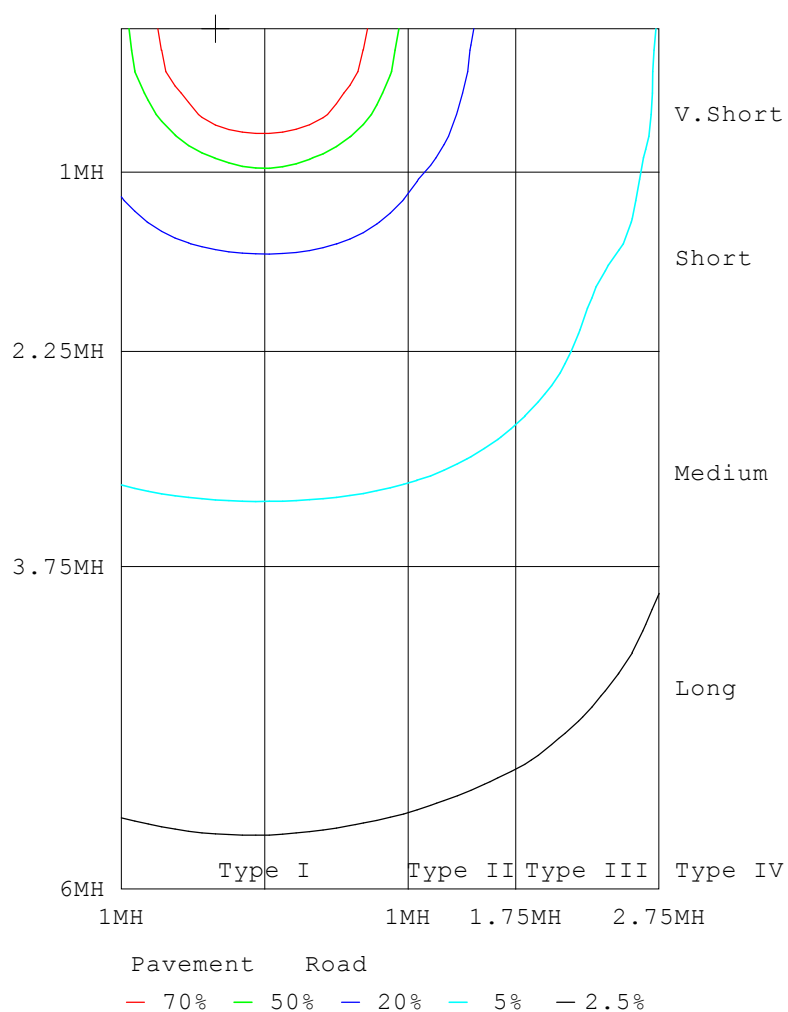
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-17

☐ 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:1.678A P:202.8W PF:0.9990 Lamp Flux:29508.1x1 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:2021-01-17

☐ 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

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: