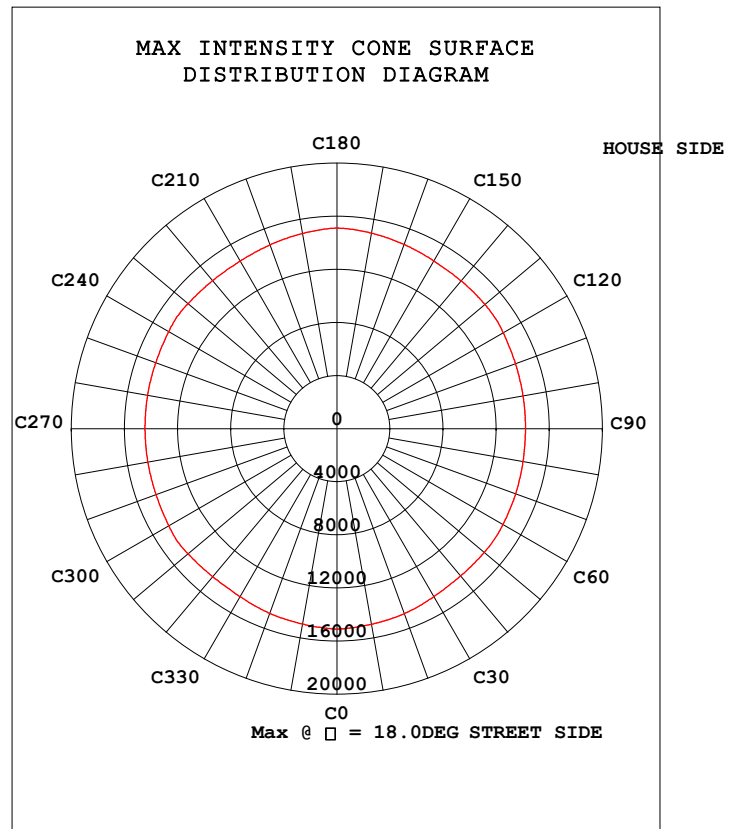
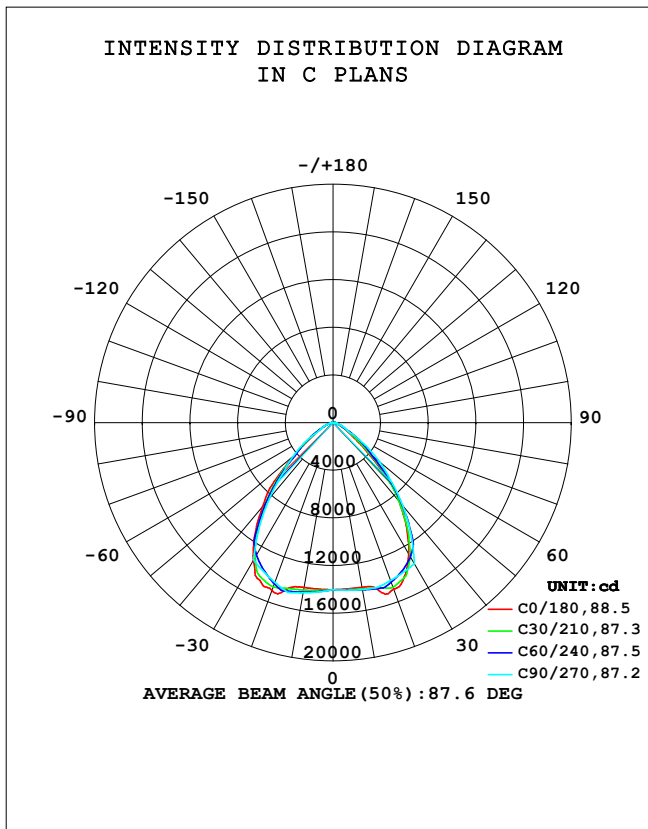


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:277.0V I:0.7171A P:197.6W PF:0.9948 Lamp Flux:27531.8x1 lm		
NAME:NUVO 65-805R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.31 lm/W			
MODEL		Imax(cd)	15114	☐ street_up(%)	0.0
NOMINAL POWER(W)	220	LOR(%)	100.0	☐ street_down(%)	50.5
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	27532	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	27531.8	MAXIMUM @ (C, $\square$)	180,18.0	☐ house_down(%)	49.5
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	277	☐ down(%)	100.0	SLI	17.979

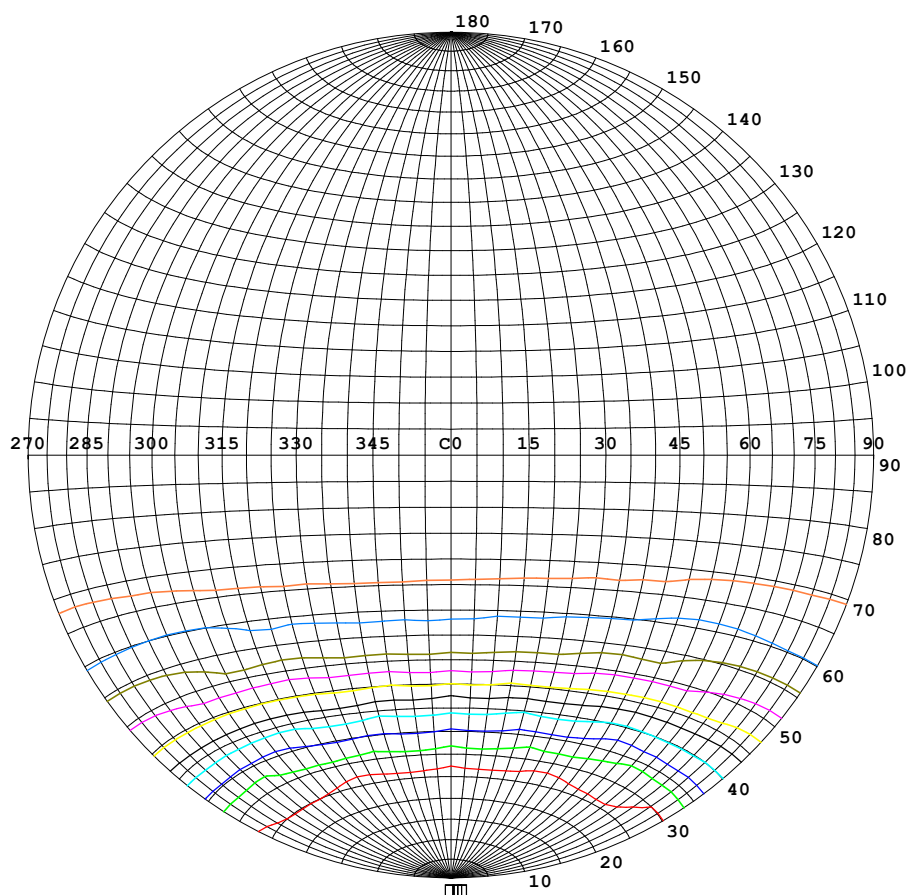


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-01-21

☐ 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:

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.At80:8.066cd/klm

Max.At90:2.943cd/klm

Max.80-90:8.066cd/klm

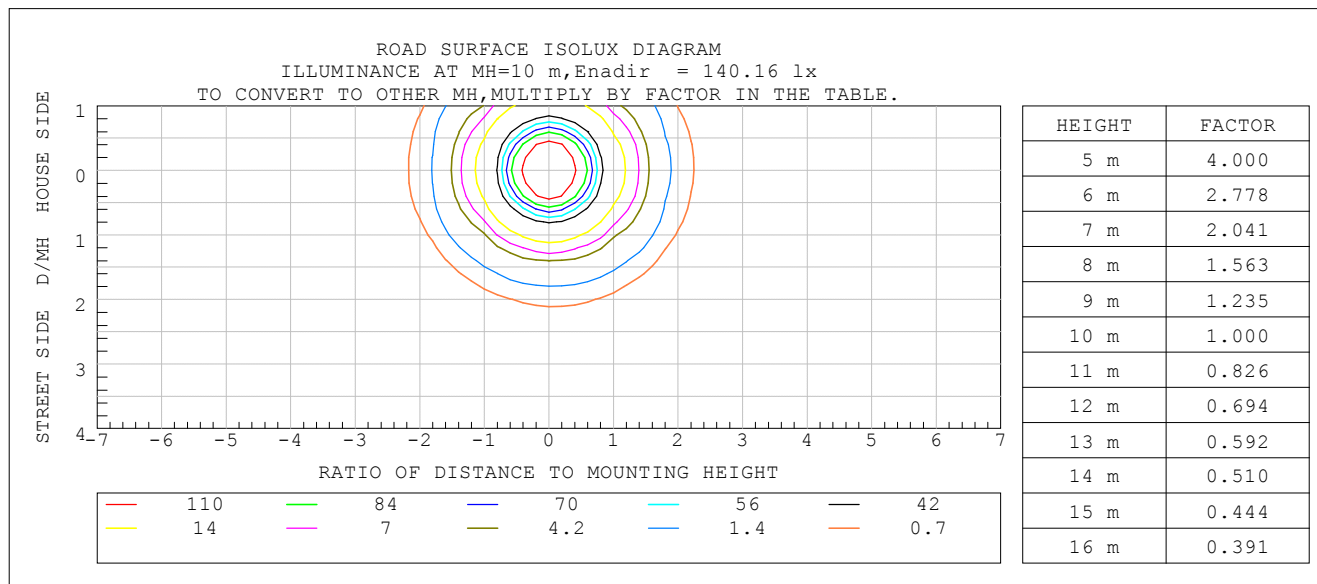
ISOCANDELA DIAGRAM

UNIT	cd
Imax=100%	15114
90%	13603
80%	12092
70%	10580
60%	9069
50%	7557
40%	6046
30%	4534
20%	3023
10%	1511
5%	756

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:

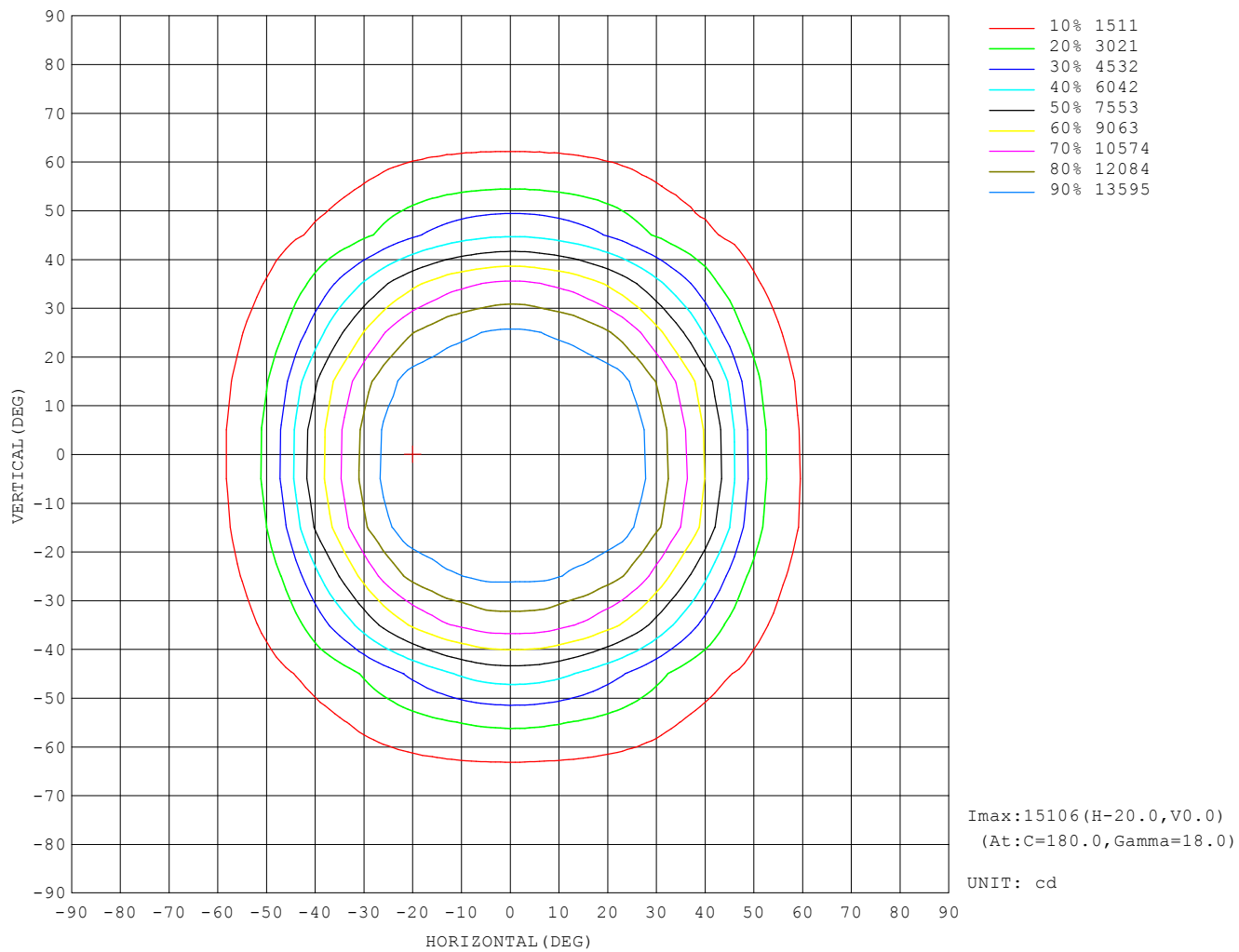
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	zone	total	%lum, lamp
5	1400	1409	1412	1410	1402	1419	1426	1419	0- 5	336.9	336.9	1.22,1.22
10	1403	1422	1423	1423	1405	1436	1450	1435	5- 10	1016	1353	4.91,4.91
15	1448	1438	1433	1442	1436	1452	1474	1452	10- 15	1703	3056	11.1,11.1
20	1487	1455	1411	1463	1499	1466	1427	1463	15- 20	2401	5457	19.8,19.8
25	1422	1396	1389	1412	1458	1392	1380	1379	20- 25	3001	8458	30.7,30.7
30	1271	1285	1367	1315	1339	1277	1333	1246	25- 30	3423	11880	43.2,43.2
35	1077	1121	1139	1164	1146	1115	1084	1063	30- 35	3564	15444	56.1,56.1
40	865.0	918.1	910.8	969.8	921.3	914.4	834.9	850.7	35- 40	3329	18773	68.2,68.2
45	607.0	653.0	682.7	702.2	699.5	651.6	586.0	595.0	40- 45	2814	21587	78.4,78.4
50	356.2	419.9	505.8	456.8	418.1	415.4	434.4	373.2	45- 50	2102	23688	86,86
55	204.4	229.0	328.9	251.6	240.9	218.3	282.9	196.9	50- 55	1441	25129	91.3,91.3
60	130.3	157.3	151.9	171.4	152.3	153.2	131.4	135.9	55- 60	935.0	26064	94.7,94.7
65	83.44	99.20	110.9	110.5	101.1	99.20	96.42	86.05	60- 65	590.1	26654	96.8,96.8
70	39.87	60.57	69.83	68.44	55.99	62.07	61.44	51.04	65- 70	390.6	27045	98.2,98.2
75	23.41	36.48	28.78	41.54	28.58	37.51	26.46	31.63	70- 75	228.3	27273	99.1,99.1
80	15.28	17.84	21.89	20.40	17.54	17.81	19.87	16.18	75- 80	126.0	27399	99.5,99.5
85	9.490	12.19	14.99	13.54	10.82	11.95	13.28	10.79	80- 85	82.78	27482	99.8,99.8
90	4.903	6.633	8.101	6.783	3.620	6.174	6.691	5.495	85- 90	50.14	27532	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:

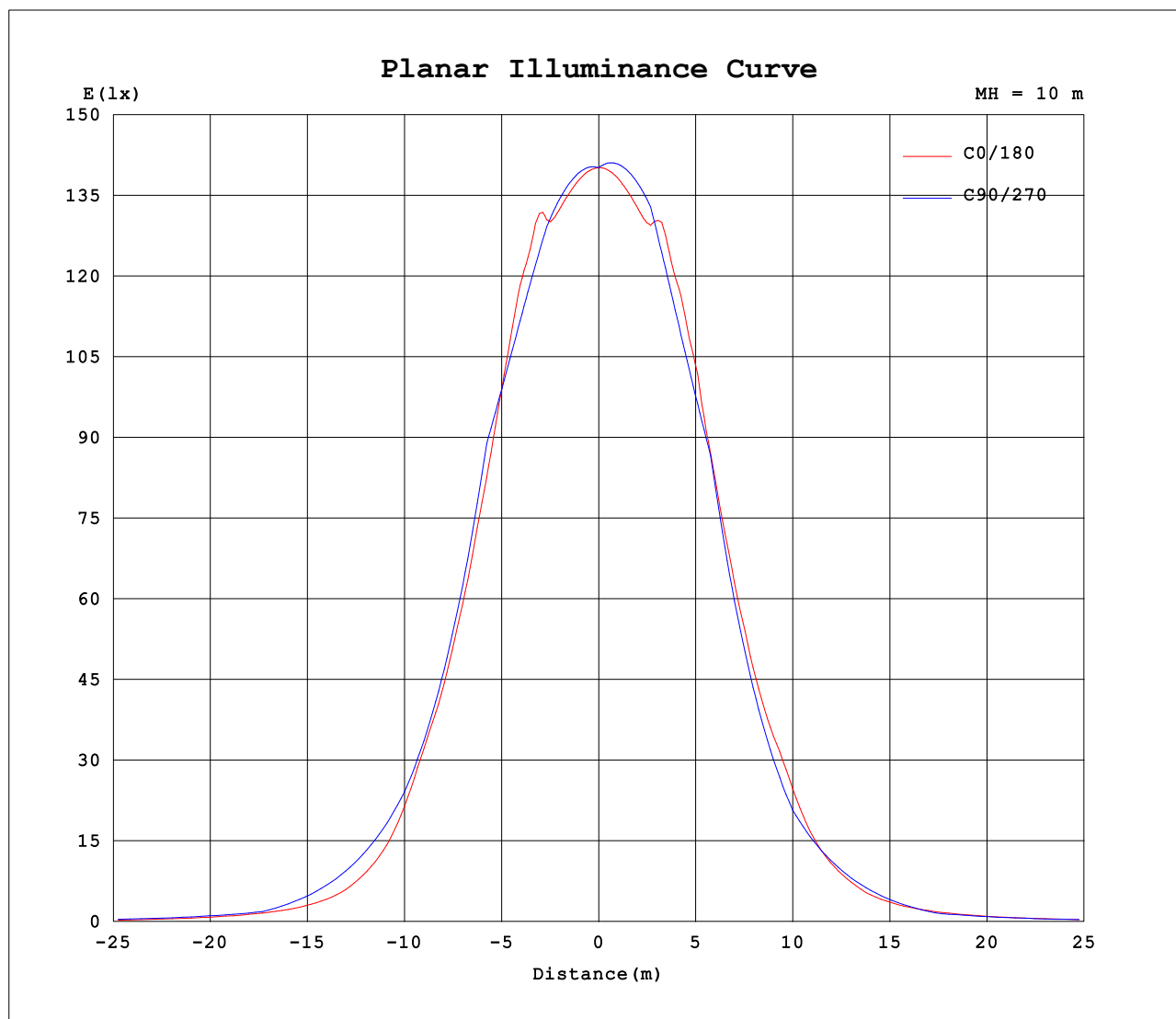
ISOCANDELA DIAGRAM



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



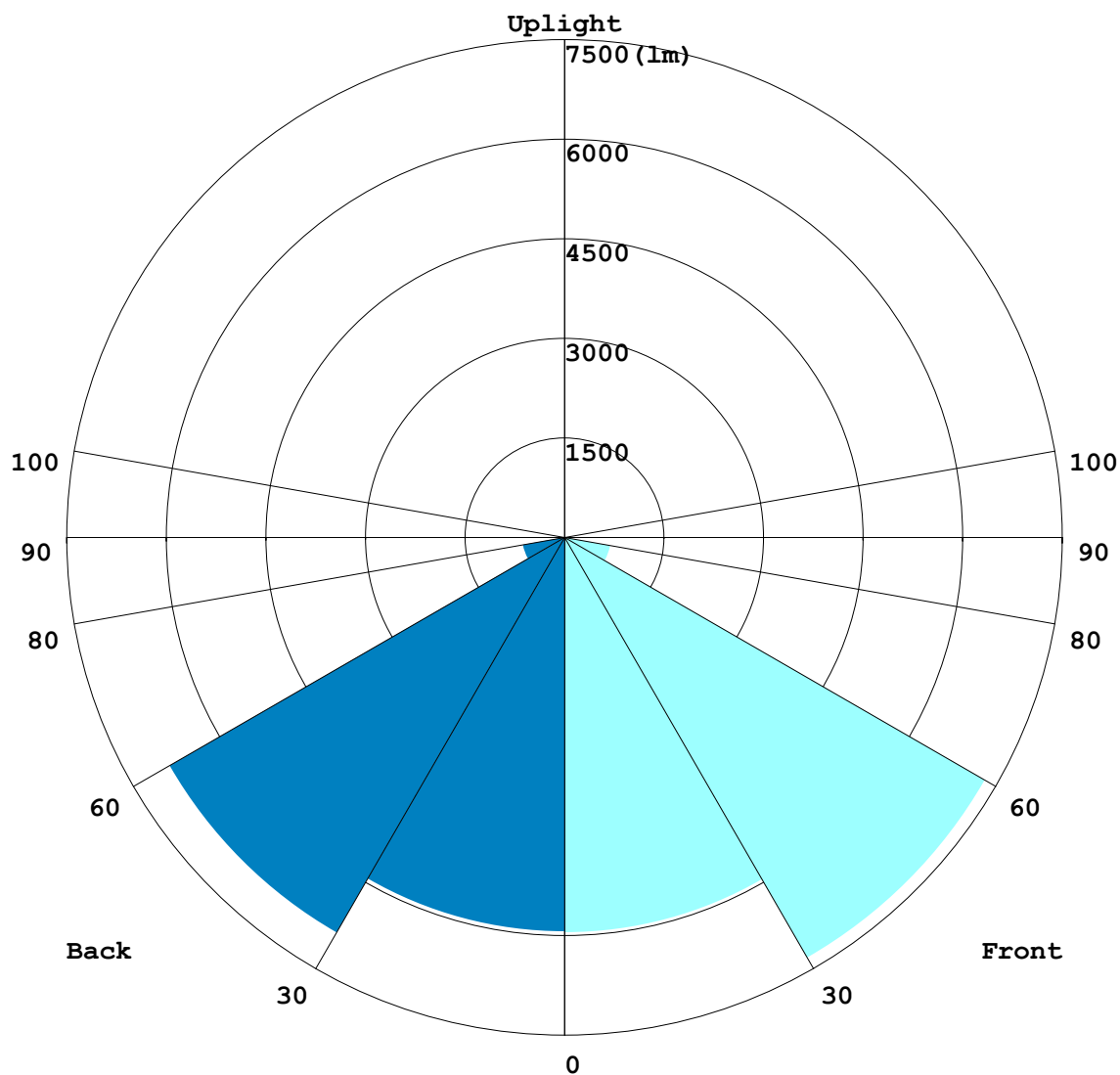
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

☐ 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:277.0V I:0.7171A P:197.6W PF:0.9948 Lamp Flux:27531.8x1 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:2021-01-21

☐ 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:277.0V I:0.7171A P:197.6W PF:0.9948 Lamp Flux:27531.8x1 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)	5946.1	21.6
FM - Front-Medium(30-60)	7309.6	26.5
FH - Front-High(60-80)	700.45	2.5
FVH - Front-Very High(80-90)	69.482	0.3
Total Forward Light	14026	50.9

BL - Back-Low(0-30)	5934.1	21.6
BM - Back-Medium(30-60)	6874	25.0
BH - Back-High(60-80)	634.6	2.3
BVH - Back-Very High(80-90)	63.444	0.2
Total Back Light	13506	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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	13506	0	13506
Street Side	14026	0	14026

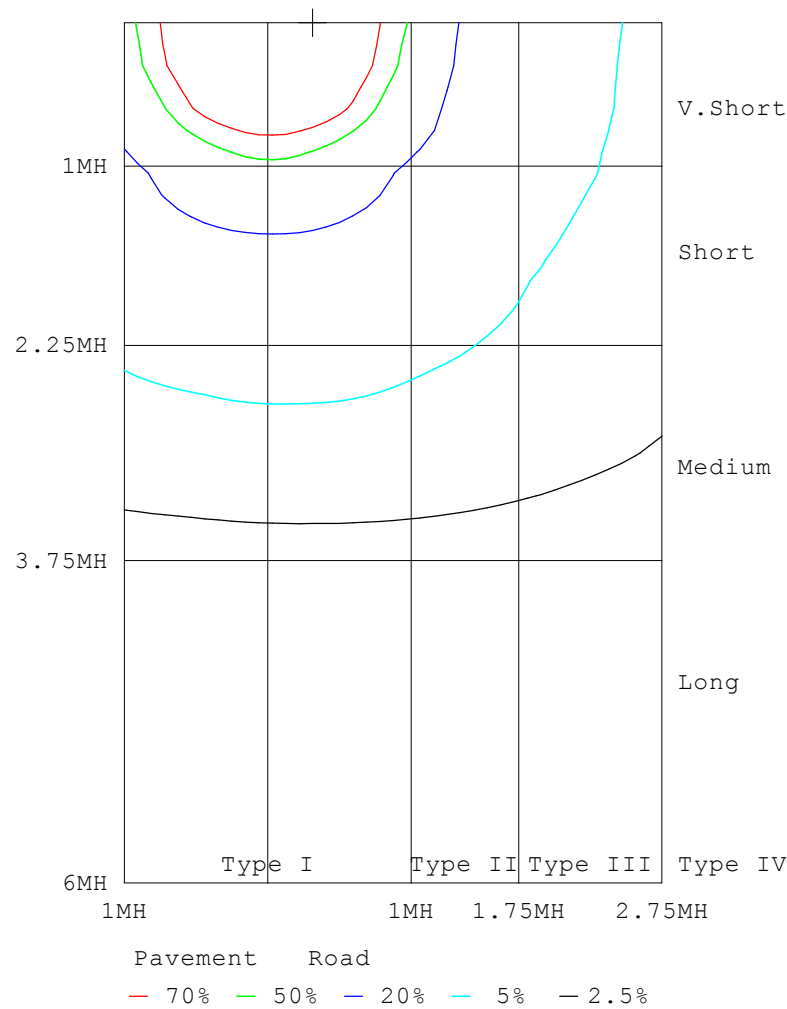
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-21

☐ 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:277.0V I:0.7171A P:197.6W PF:0.9948 Lamp Flux:27531.8x1 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:2021-01-21

☐ 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

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: 2021-01-21

☐ 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

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: 2021-01-21

☐ 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

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: