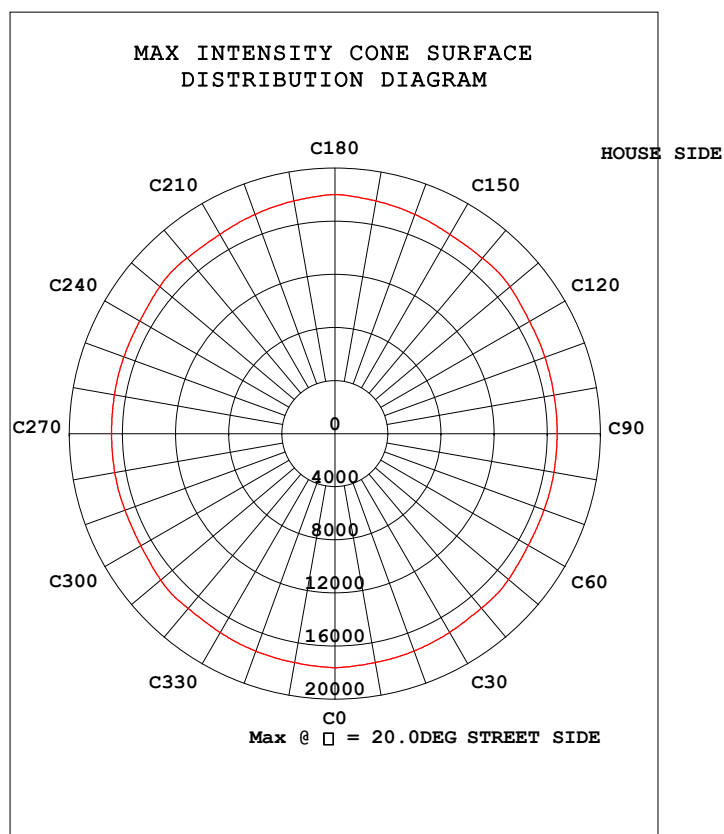
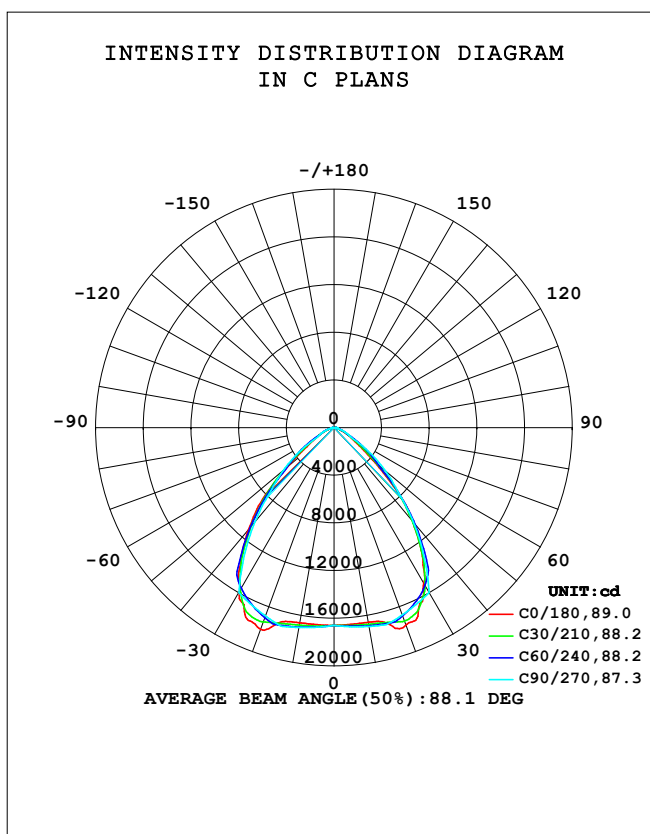


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:276.8V I:0.8583A P:236.6W PF:0.9962 Lamp Flux:32763.1x1 lm		
NAME:NUVO 65-807R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.45 lm/W			
MODEL		Imax(cd)	18020	☐ street_up(%)	0.0
NOMINAL POWER(W)	240	LOR(%)	100.0	☐ street_down(%)	50.4
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	32763	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	32763.1	MAXIMUM @ (C, $\square$)	180,20.0	☐ house_down(%)	49.6
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	277	☐ down(%)	100.0	SLI	18.240

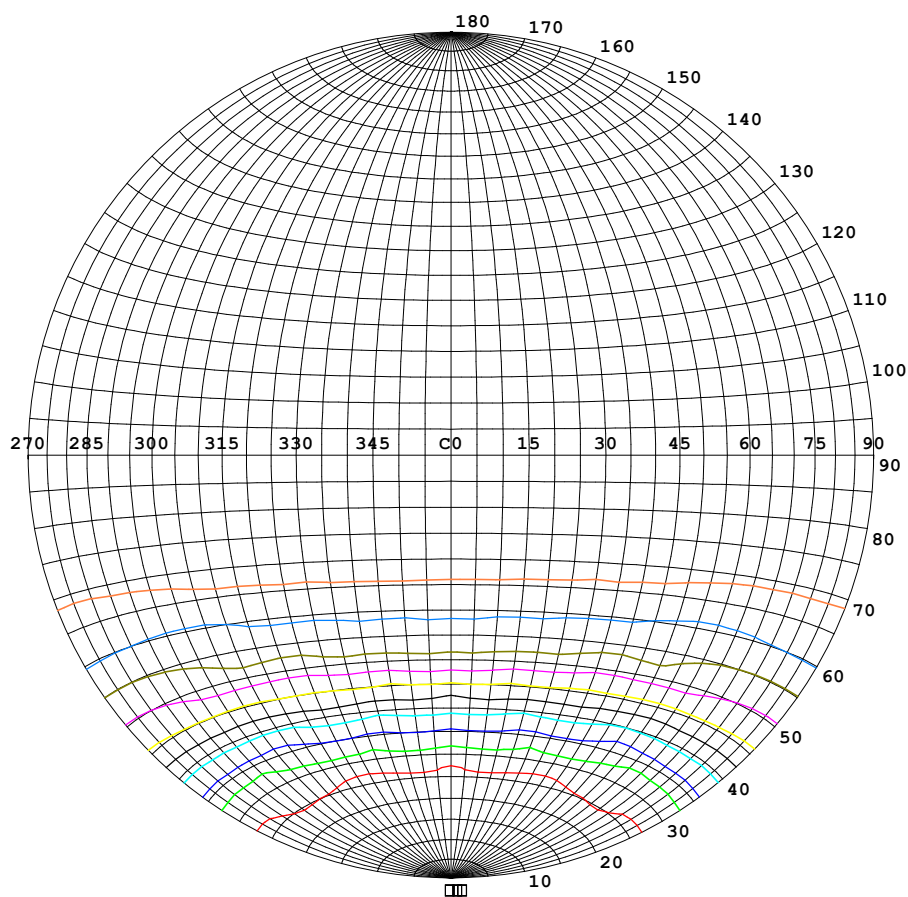


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

☐ 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.At80:7.719cd/klm

Max.At90:2.775cd/klm

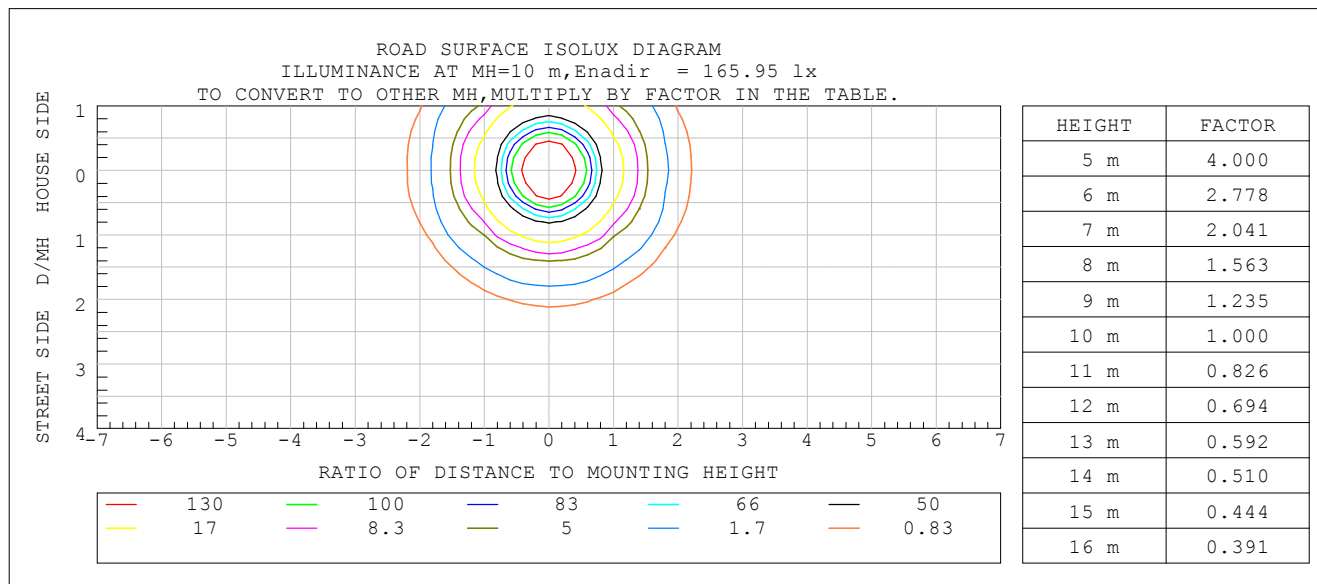
Max.80-90:7.719cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	18020
90%	16218
80%	14416
70%	12614
60%	10812
50%	9010
40%	7208
30%	5406
20%	3604
10%	1802
5%	901

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:

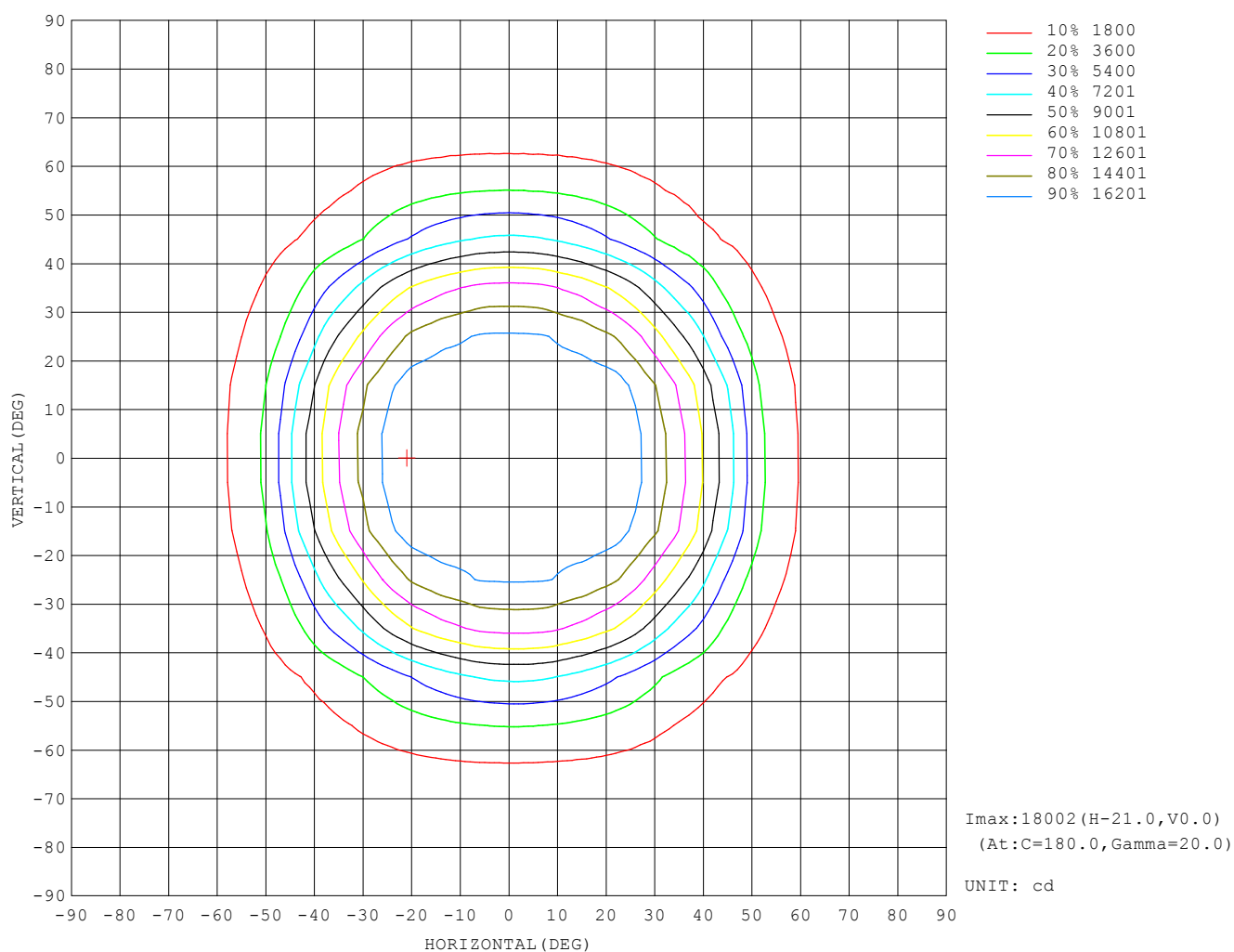
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
5	1657	1670	1677	1672	1660	1676	1681	1674	0- 5	398.7	398.7	1.22,1.22
10	1659	1682	1694	1688	1663	1692	1703	1688	5- 10	1201	1600	4.88,4.88
15	1696	1697	1711	1707	1686	1709	1724	1704	10- 15	2010	3610	11,11
20	1763	1717	1673	1731	1802	1734	1683	1723	15- 20	2830	6440	19.7,19.7
25	1678	1645	1636	1663	1756	1668	1641	1641	20- 25	3556	9996	30.5,30.5
30	1507	1515	1598	1541	1588	1554	1599	1501	25- 30	4064	14061	42.9,42.9
35	1289	1319	1318	1353	1363	1373	1316	1290	30- 35	4249	18309	55.9,55.9
40	1029	1066	1037	1111	1117	1139	1032	1032	35- 40	3978	22288	68,68
45	736.7	752.8	757.1	796.0	848.9	816.5	749.1	722.9	40- 45	3363	25650	78.3,78.3
50	433.7	484.4	561.9	519.3	503.9	527.8	553.6	464.5	45- 50	2530	28180	86,86
55	246.2	266.6	366.6	287.0	281.7	286.5	358.1	254.2	50- 55	1733	29913	91.3,91.3
60	158.8	182.5	171.3	194.0	175.6	194.8	162.6	167.1	55- 60	1118	31031	94.7,94.7
65	101.9	113.5	124.6	122.4	117.7	126.4	119.6	106.3	60- 65	700.5	31731	96.9,96.9
70	46.55	67.93	77.93	75.46	62.96	77.29	76.60	62.93	65- 70	460.4	32192	98.3,98.3
75	27.86	41.08	31.23	45.79	33.09	46.27	33.61	38.87	70- 75	267.9	32460	99.1,99.1
80	18.34	20.63	23.85	22.42	20.47	21.86	25.17	19.60	75- 80	147.7	32607	99.5,99.5
85	11.11	14.08	16.47	14.98	12.58	14.58	16.72	13.03	80- 85	97.06	32704	99.8,99.8
90	5.910	7.641	9.085	7.630	4.188	7.437	8.270	6.613	85- 90	58.66	32763	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:

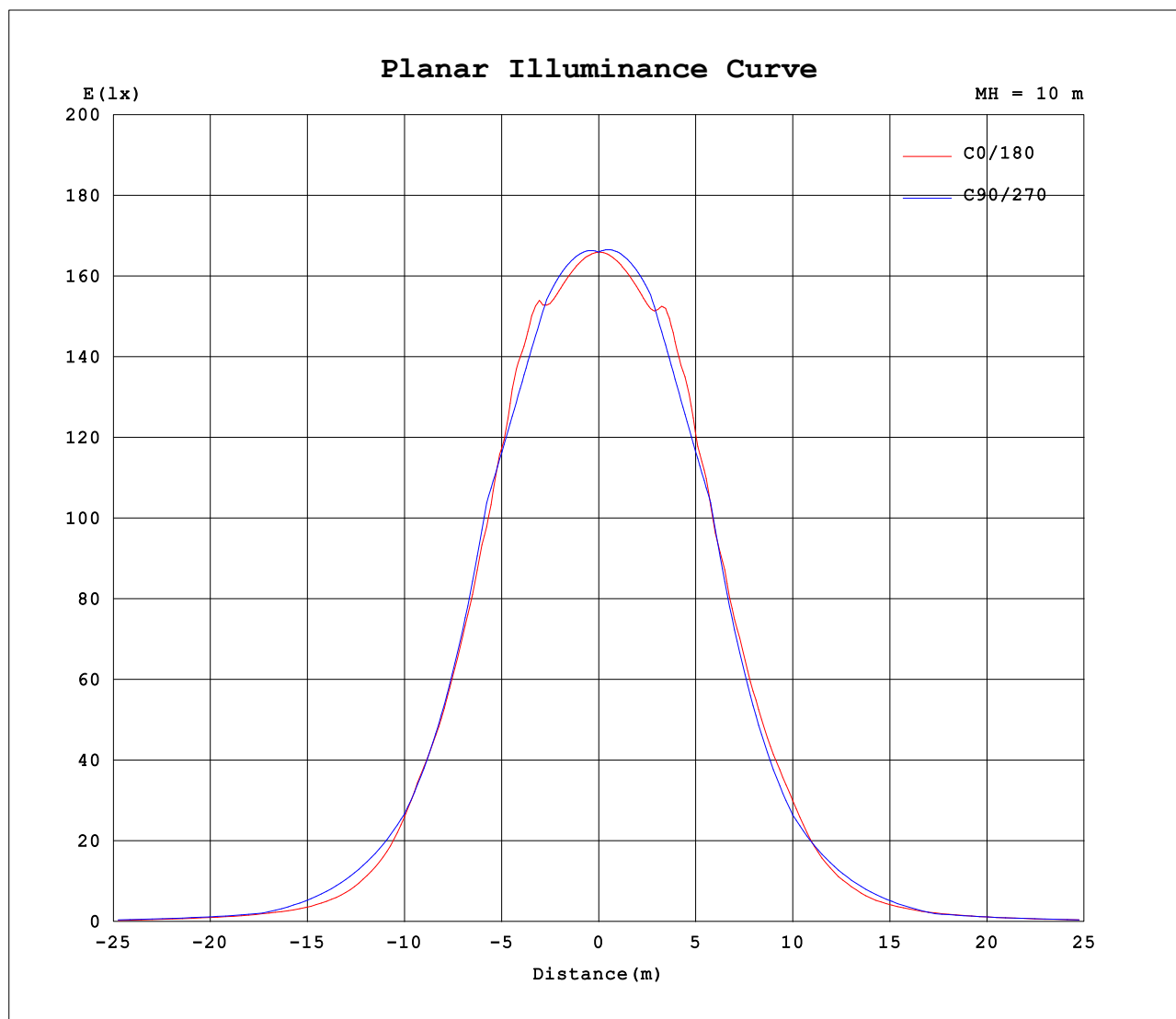
ISOCANDELA DIAGRAM



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



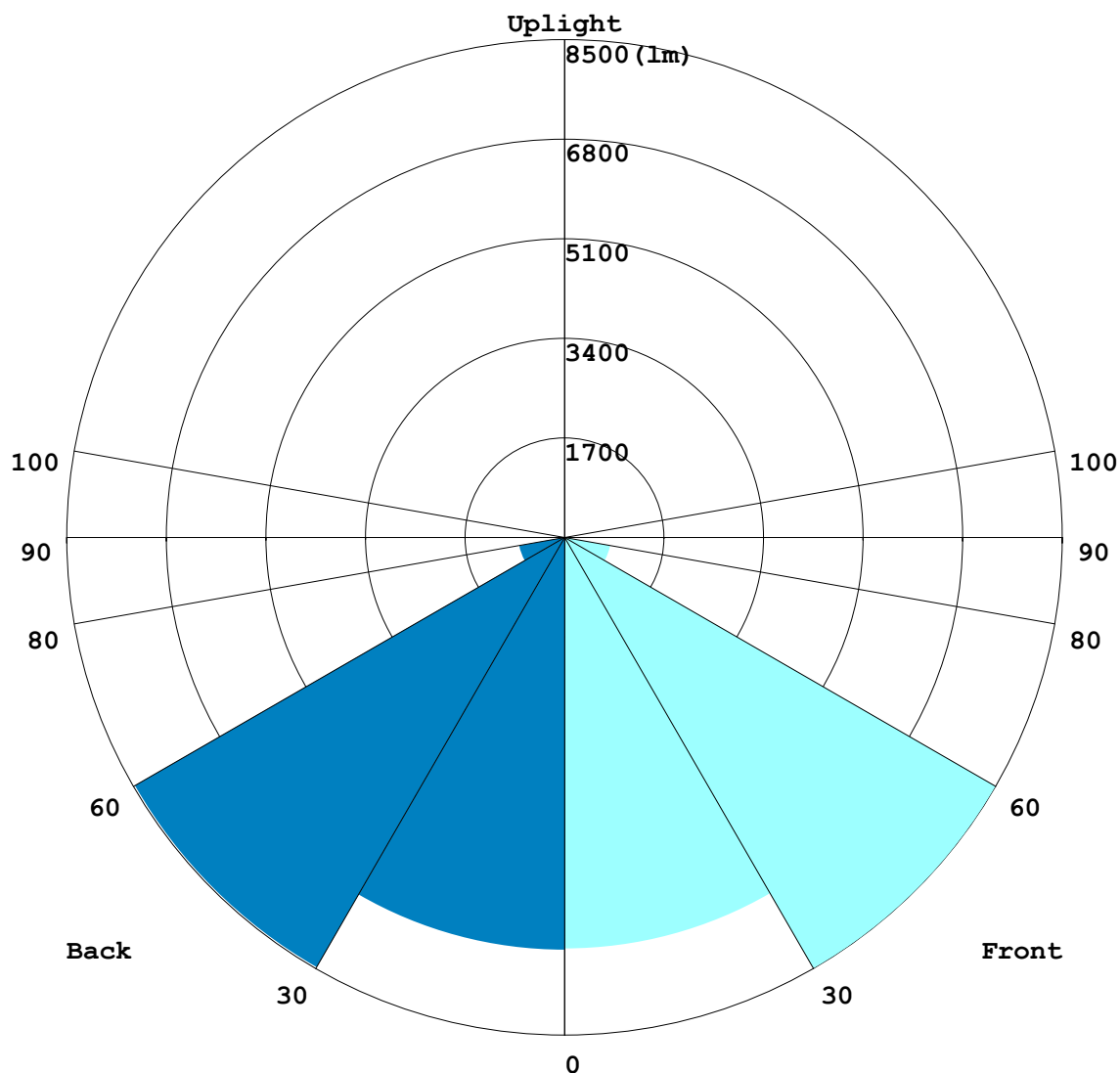
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-01-21

☐ 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:276.8V I:0.8583A P:236.6W PF:0.9962 Lamp Flux:32763.1x1 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:2021-01-21

□ 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:276.8V I:0.8583A P:236.6W PF:0.9962 Lamp Flux:32763.1x1 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)	7021.6	21.4
FM - Front-Medium(30-60)	8498.6	25.9
FH - Front-High(60-80)	790.95	2.4
FVH - Front-Very High(80-90)	78.314	0.2
Total Forward Light	16389	50.0

BL - Back-Low(0-30)	7039	21.5
BM - Back-Medium(30-60)	8471.7	25.9
BH - Back-High(60-80)	785.51	2.4
BVH - Back-Very High(80-90)	77.411	0.2
Total Back Light	16374	50.0

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	16374	0	16374
Street Side	16389	0	16389

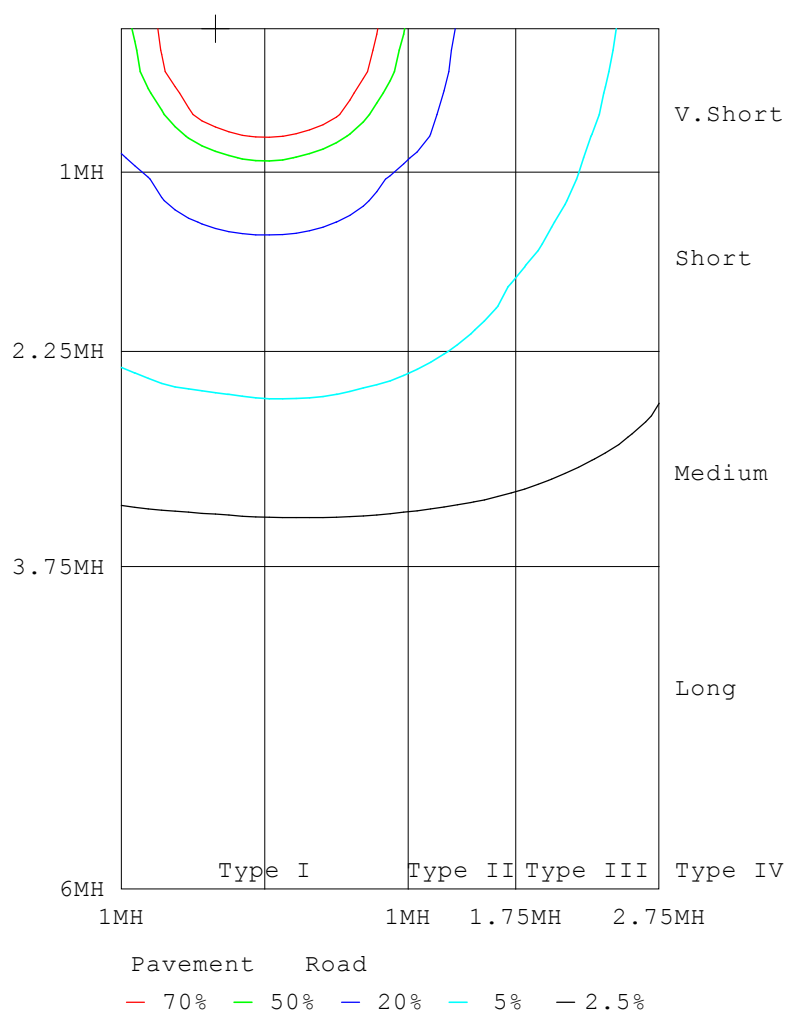
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-01-21

☐ 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:276.8V I:0.8583A P:236.6W PF:0.9962 Lamp Flux:32763.1x1 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:2021-01-21

☐ 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

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: 2021-01-21

☐ 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--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: