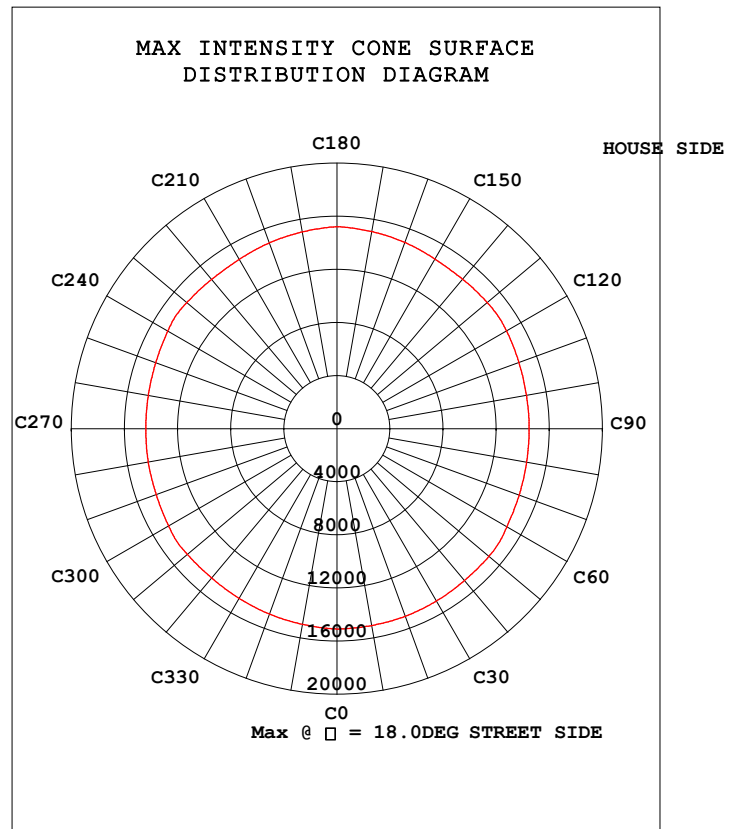
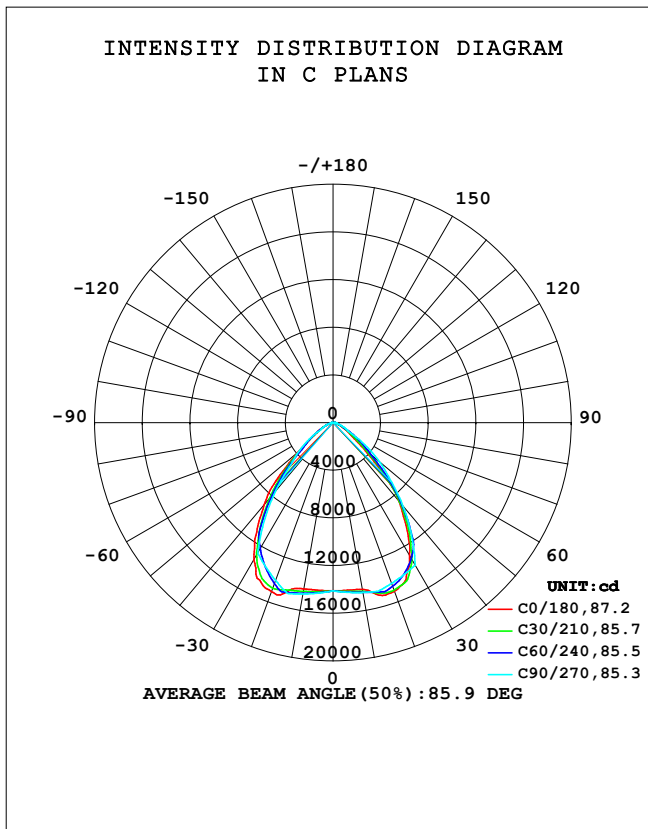


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.1V I:1.649A P:199.5W PF:0.9991 Lamp Flux:26917.8x1 lm		
NAME:NUVO 65-795R2 with PC Shade	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.92 lm/W			
MODEL		Imax(cd)	15211	☐ street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	☐ street_down(%)	50.7
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	26918	☐ house_up(%)	0.0
NOMINAL FLUX(lm)	26917.8	MAXIMUM @ (C, $\square$)	180,18.0	☐ house_down(%)	49.3
LAMPS INSIDE	1	☐ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	☐ down(%)	100.0	SLI	17.946

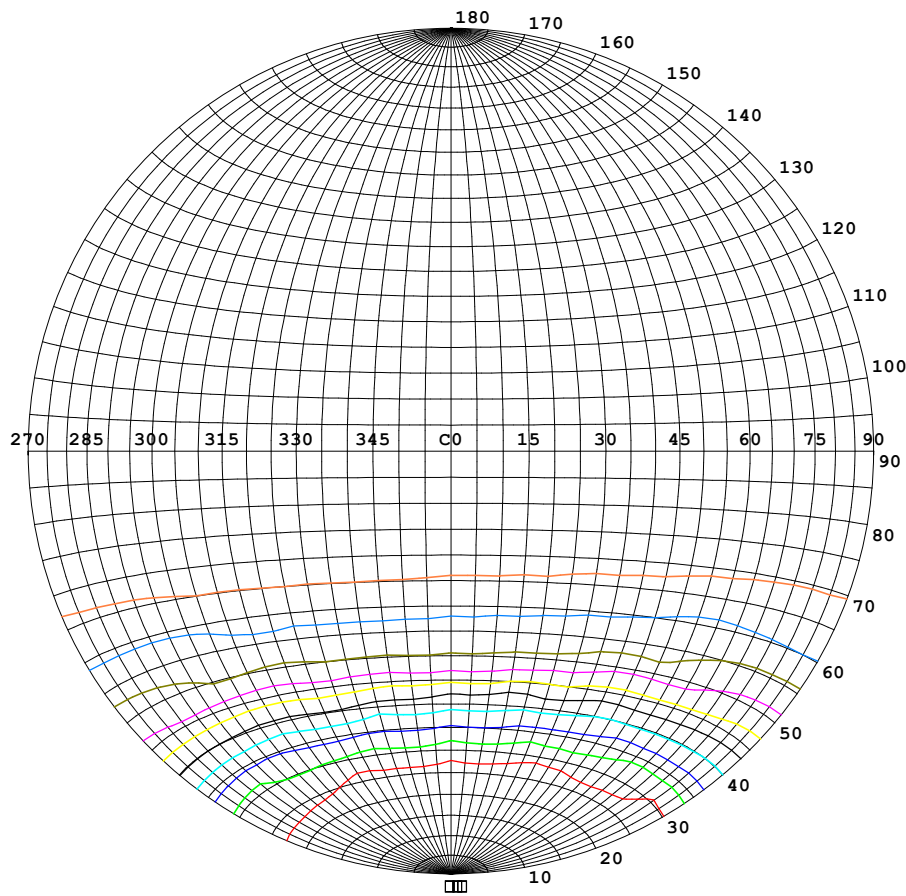


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021.01.16

☐ 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

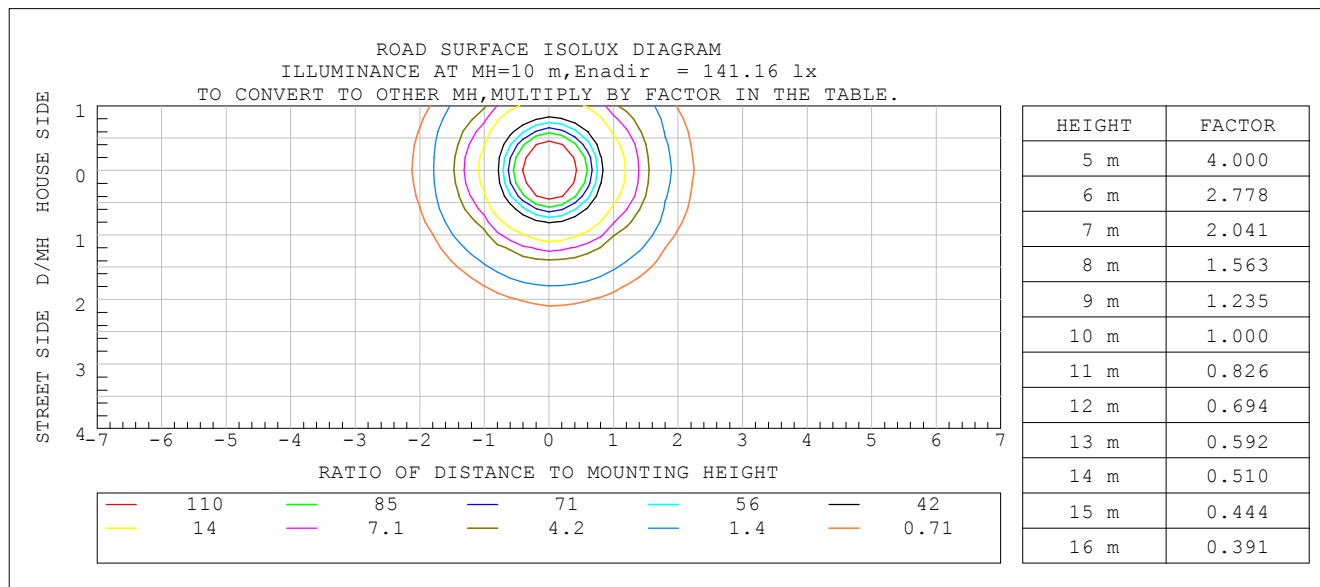
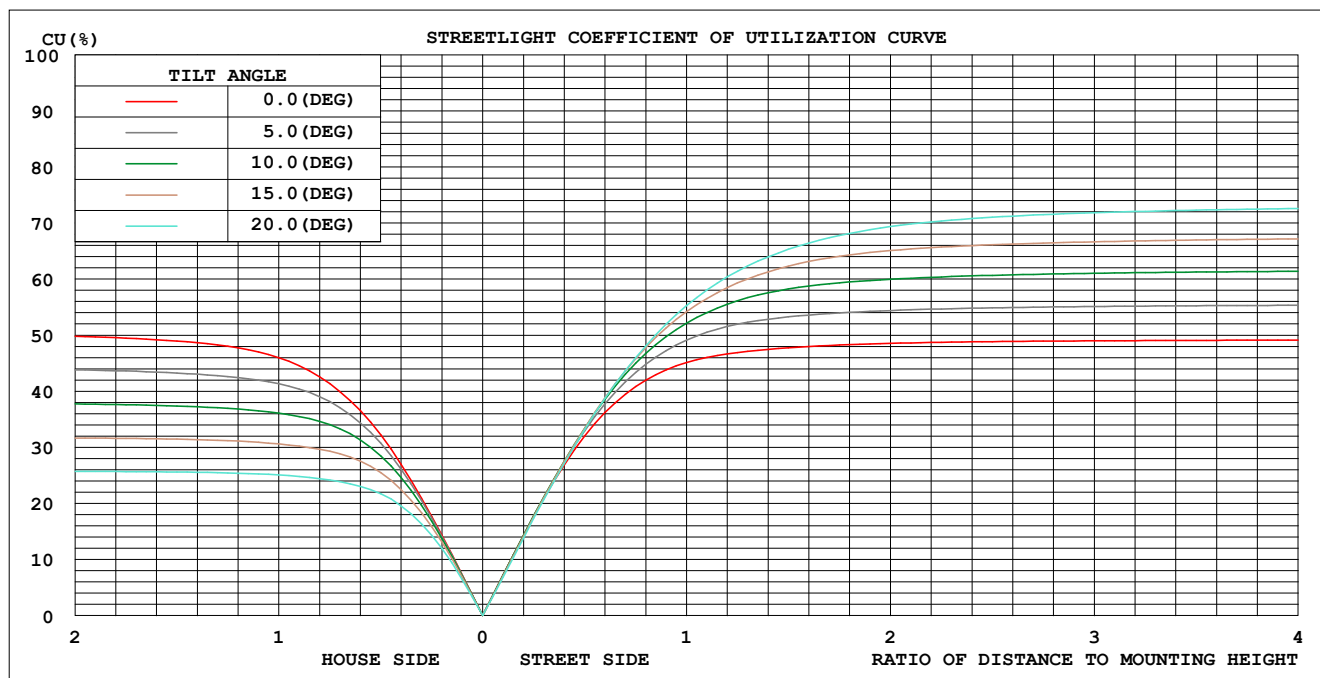
STREETLIGHT ISOCANDELA DIAGRAM



Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:8.779cd/klm
Max.At90:3.168cd/klm
Max.80-90:8.779cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15211
90%	13690
80%	12169
70%	10648
60%	9127
50%	7606
40%	6084
30%	4563
20%	3042
10%	1521
5%	761

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021.01.16

□ 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:

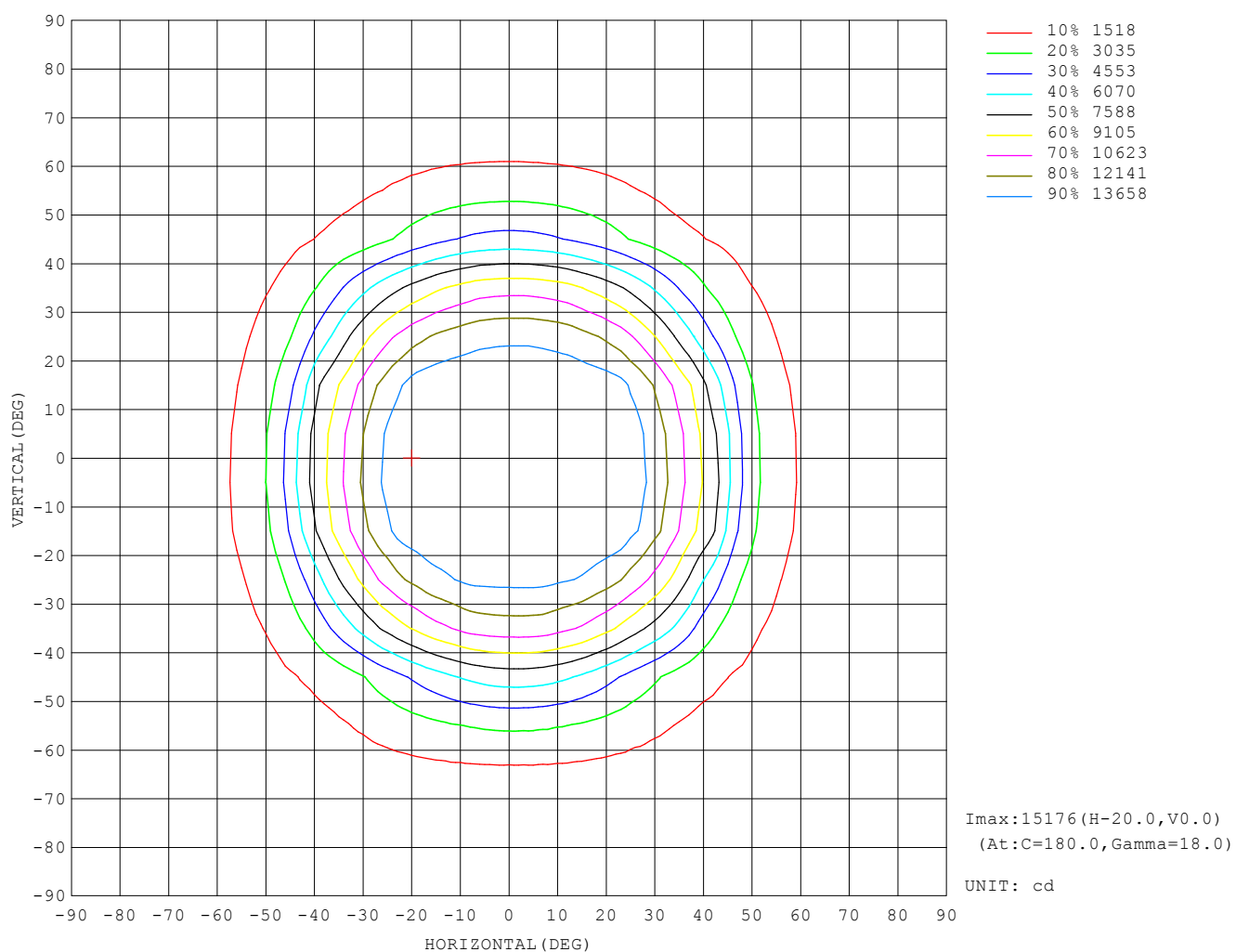
ZONAL FLUX DIAGRAM

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
5	1412	1425	1429	1424	1412	1429	1436	1429	0- 5	339.6	339.6	1.26,1.26
10	1421	1444	1447	1443	1417	1447	1460	1445	5- 10	1026	1366	5.07,5.07
15	1499	1475	1465	1464	1462	1464	1484	1461	10- 15	1727	3092	11.5,11.5
20	1506	1498	1437	1479	1510	1475	1410	1466	15- 20	2430	5522	20.5,20.5
25	1454	1425	1408	1421	1459	1383	1337	1369	20- 25	3015	8537	31.7,31.7
30	1284	1300	1380	1308	1331	1240	1264	1223	25- 30	3413	11950	44.4,44.4
35	1081	1119	1147	1160	1118	1056	1009	1024	30- 35	3515	15465	57.5,57.5
40	862.3	915.7	914.4	964.1	898.3	853.4	754.3	794.3	35- 40	3242	18708	69.5,69.5
45	574.2	658.6	681.6	690.2	652.8	595.9	499.4	539.6	40- 45	2695	21402	79.5,79.5
50	323.9	415.2	505.7	442.1	378.8	370.6	373.2	325.7	45- 50	1947	23350	86.7,86.7
55	192.9	218.4	329.7	232.6	221.1	190.5	247.0	170.1	50- 55	1312	24661	91.6,91.6
60	128.2	151.7	153.8	160.7	140.9	136.0	120.7	122.4	55- 60	864.3	25525	94.8,94.8
65	84.82	100.5	112.9	107.1	93.92	87.89	88.46	77.34	60- 65	557.4	26083	96.9,96.9
70	40.29	61.98	72.08	67.66	50.85	53.00	56.19	45.03	65- 70	370.2	26453	98.3,98.3
75	24.23	38.72	31.22	41.53	25.94	32.61	23.92	27.58	70- 75	217.8	26671	99.1,99.1
80	14.57	19.75	23.63	18.96	15.49	16.70	18.07	14.08	75- 80	121.6	26792	99.5,99.5
85	8.084	12.68	16.04	12.57	9.277	11.00	12.21	9.510	80- 85	78.58	26871	99.8,99.8
90	4.343	5.753	8.458	6.366	3.032	5.395	6.360	5.054	85- 90	46.87	26918	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:2021.01.16

□ 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:

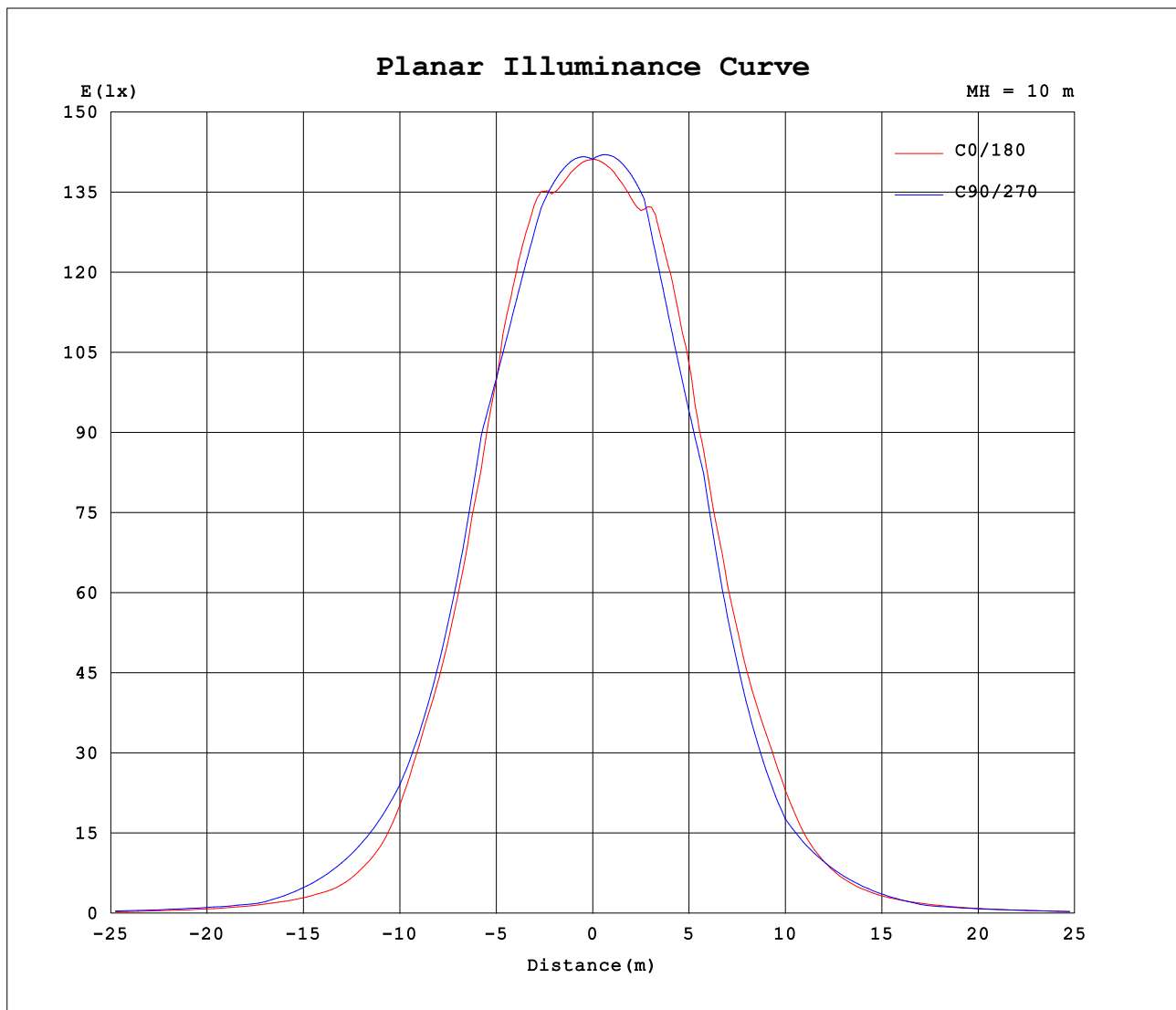
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021.01.16

☐ 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



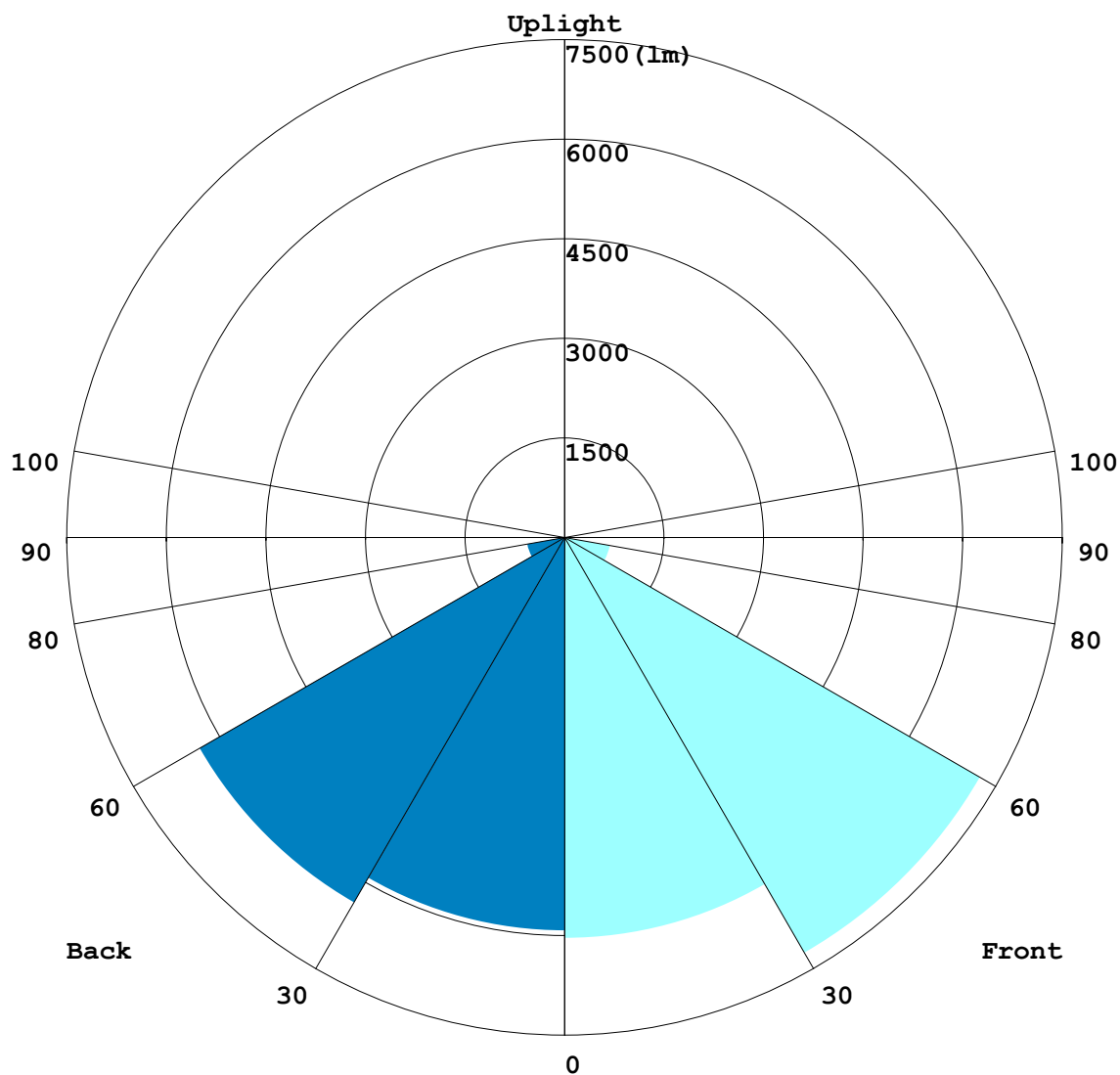
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021.01.16

☐ 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:121.1V I:1.649A P:199.5W PF:0.9991 Lamp Flux:26917.8x1 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:2021.01.16

☐ 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:121.1V I:1.649A P:199.5W PF:0.9991 Lamp Flux:26917.8x1 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)	6031.4	22.4
FM - Front-Medium(30-60)	7226.3	26.8
FH - Front-High(60-80)	695.33	2.6
FVH - Front-Very High(80-90)	68.73	0.3
Total Forward Light	14022	52.1

BL - Back-Low(0-30)	5918.5	22.0
BM - Back-Medium(30-60)	6349.1	23.6
BH - Back-High(60-80)	571.67	2.1
BVH - Back-Very High(80-90)	56.718	0.2
Total Back Light	12896	47.9

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	12896	0	12896
Street Side	14022	0	14022

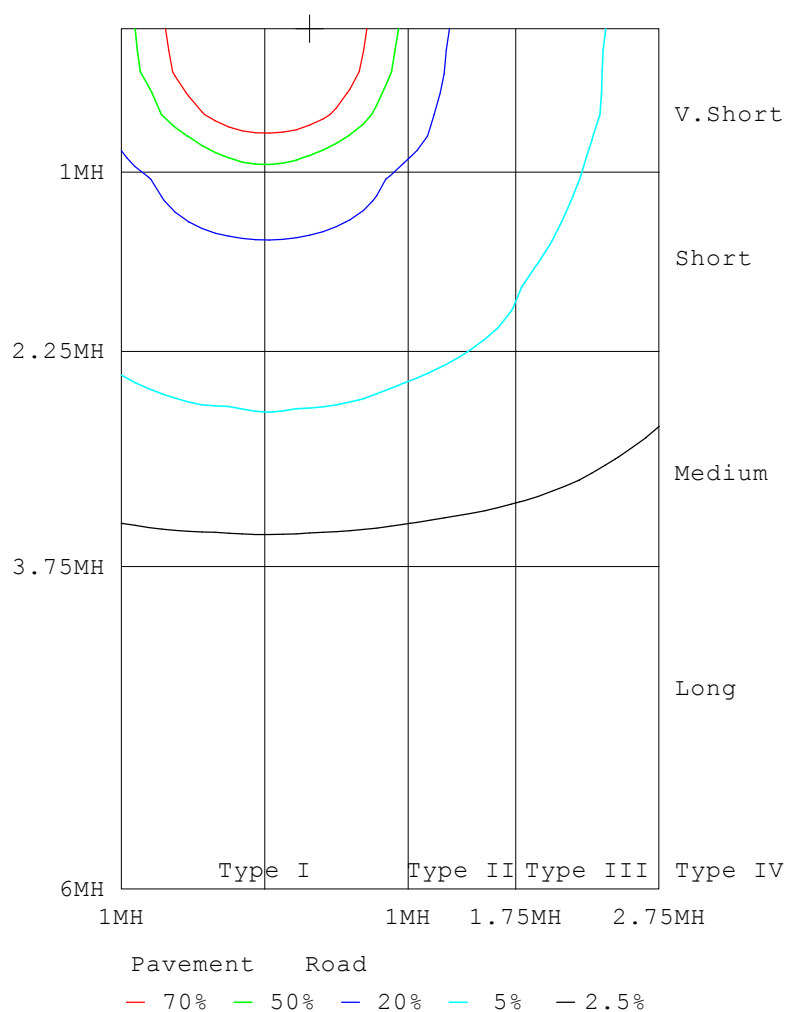
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021.01.16

☐ 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:121.1V I:1.649A P:199.5W PF:0.9991 Lamp Flux:26917.8x1 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:2021.01.16

☐ 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: 2021.01.16

☐ 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: 2021.01.16

☐ 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: