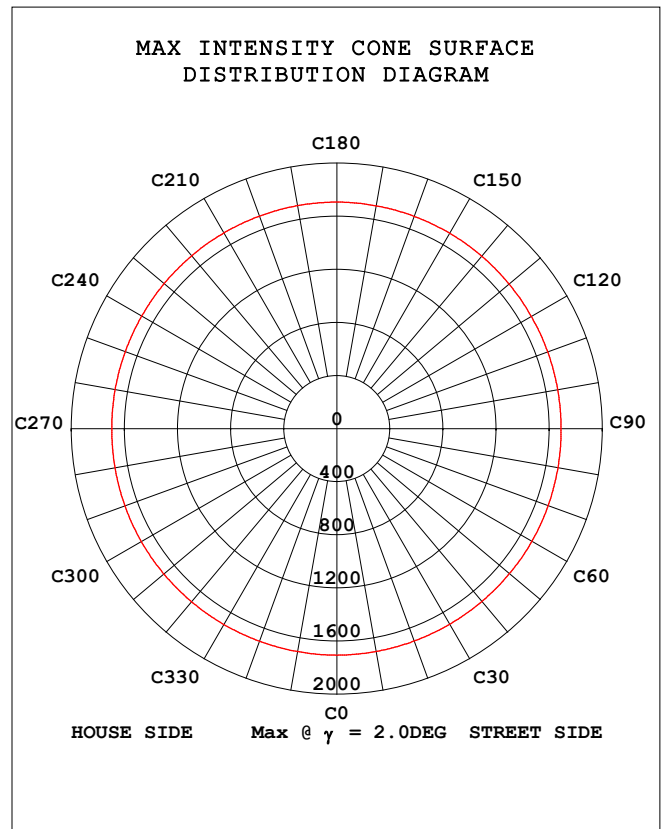
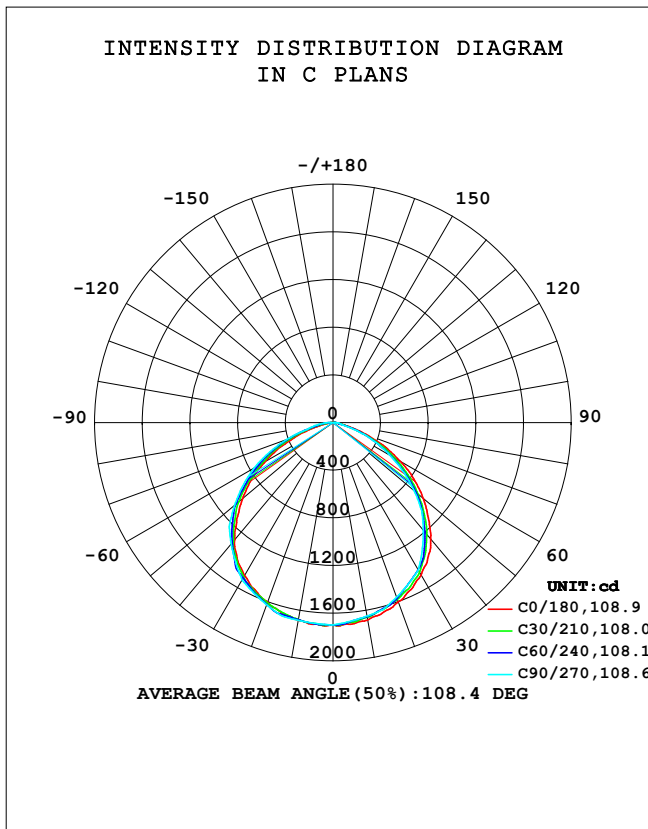


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.09 lm/W			
MODEL		I <sub>max</sub> (cd)	1707	η street_up (%)	0.0
NOMINAL POWER (W)	30	LOR (%)	100.0	η street_down (%)	47.2
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4496	η house_up (%)	0.0
NOMINAL FLUX (lm)	4496.03	MAXIMUM @ (C, γ )	180, 2.0	η house_down (%)	52.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	16.867

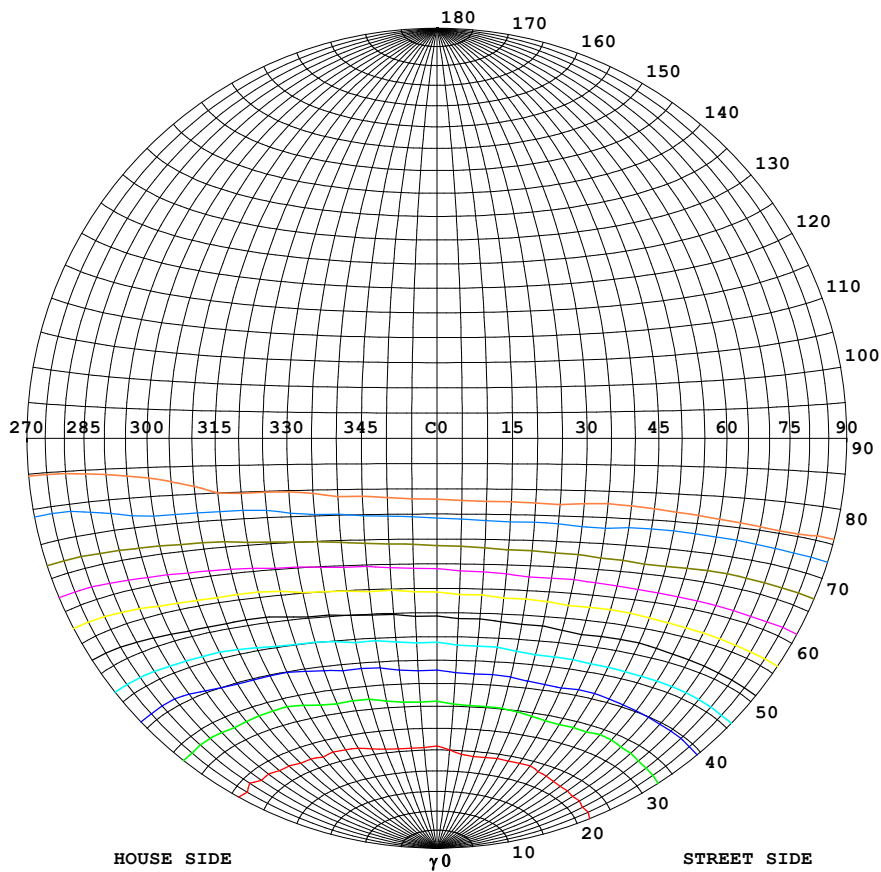


H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



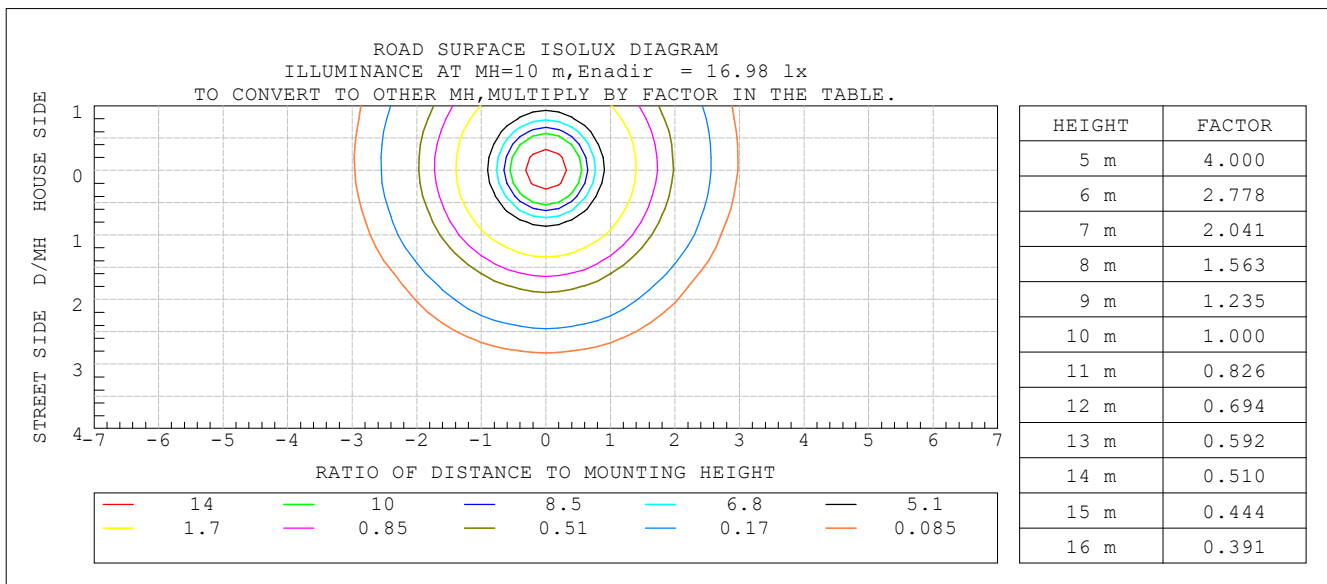
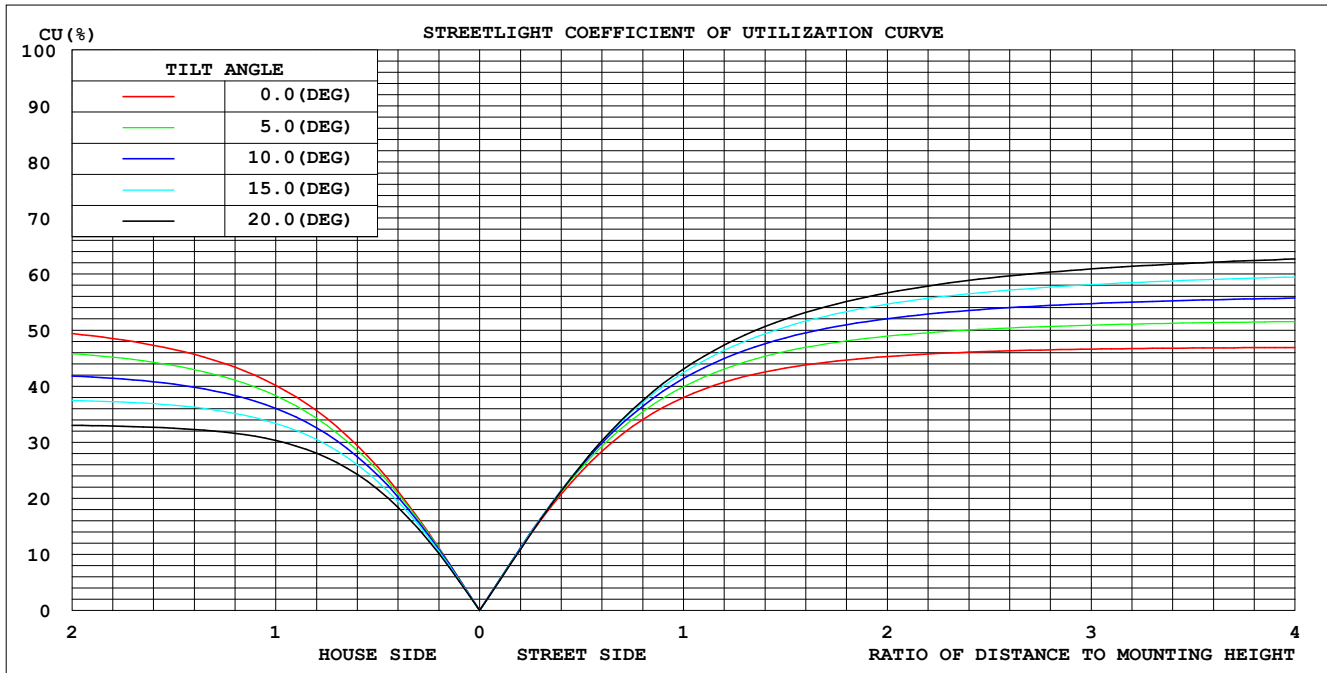
Classification:

IES:Type VS - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:34.68cd/klm  
Max.At90:1.546cd/klm  
Max.80-90:34.68cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	1707
90%	1536
80%	1366
70%	1195
60%	1024
50%	854
40%	683
30%	512
20%	341
10%	171
5%	85

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

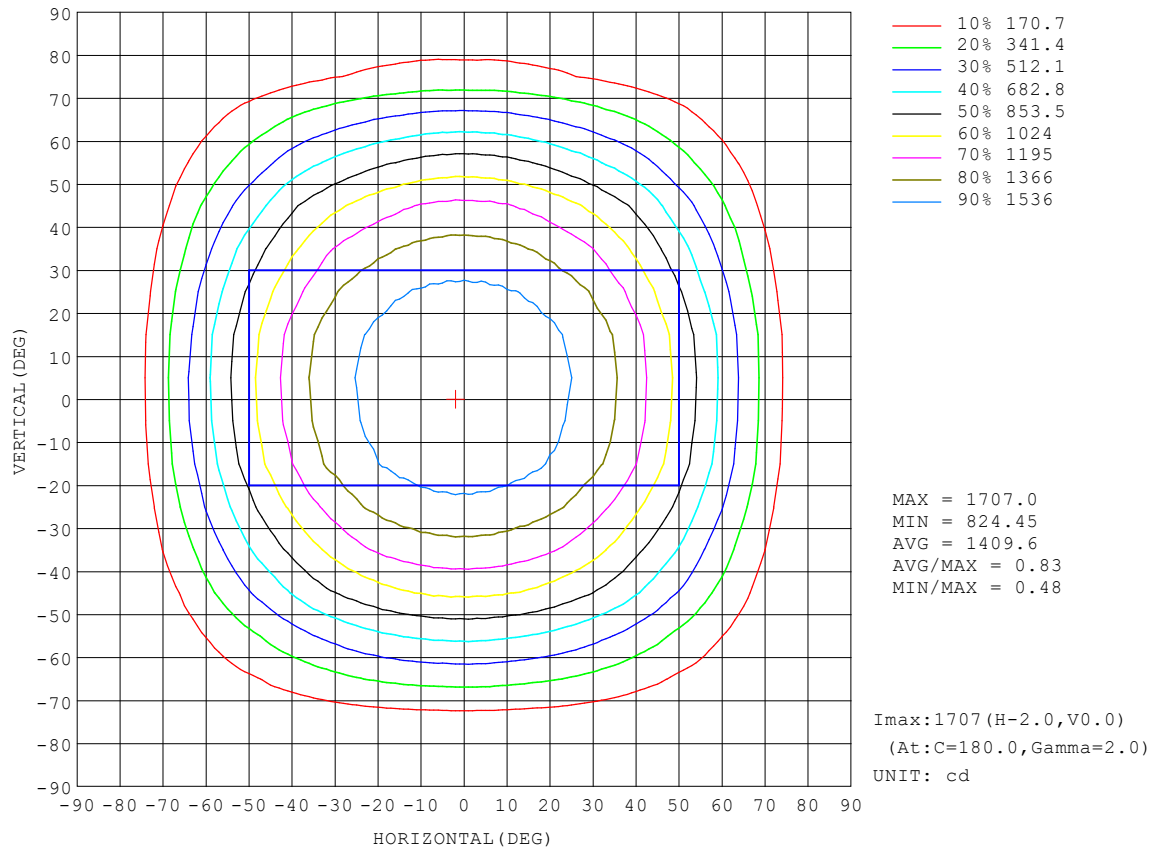
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1682	1650	1649	1661	1686	1681	1685	1674	0- 10	160.6	160.6	3.57,3.57
20	1601	1582	1560	1580	1605	1626	1627	1625	10- 20	463.4	624.0	13.9,13.9
30	1479	1428	1432	1430	1484	1499	1525	1497	20- 30	709.2	1333	29.7,29.7
40	1274	1232	1181	1227	1285	1340	1330	1329	30- 40	861.7	2195	48.8,48.8
50	989.9	920.4	889.4	919.1	991.3	1045	1077	1040	40- 50	871.0	3066	68.2,68.2
60	648.7	585.7	556.6	582.0	658.3	726.2	767.4	716.8	50- 60	732.5	3798	84.5,84.5
70	298.1	250.5	245.1	255.1	311.1	386.1	408.0	371.1	60- 70	474.6	4273	95,95
80	50.25	34.14	60.55	34.96	49.75	91.53	154.5	85.19	70- 80	184.9	4458	99.2,99.2
90	1.558	2.885	3.093	3.431	1.625	4.238	6.952	3.238	80- 90	38.12	4496	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

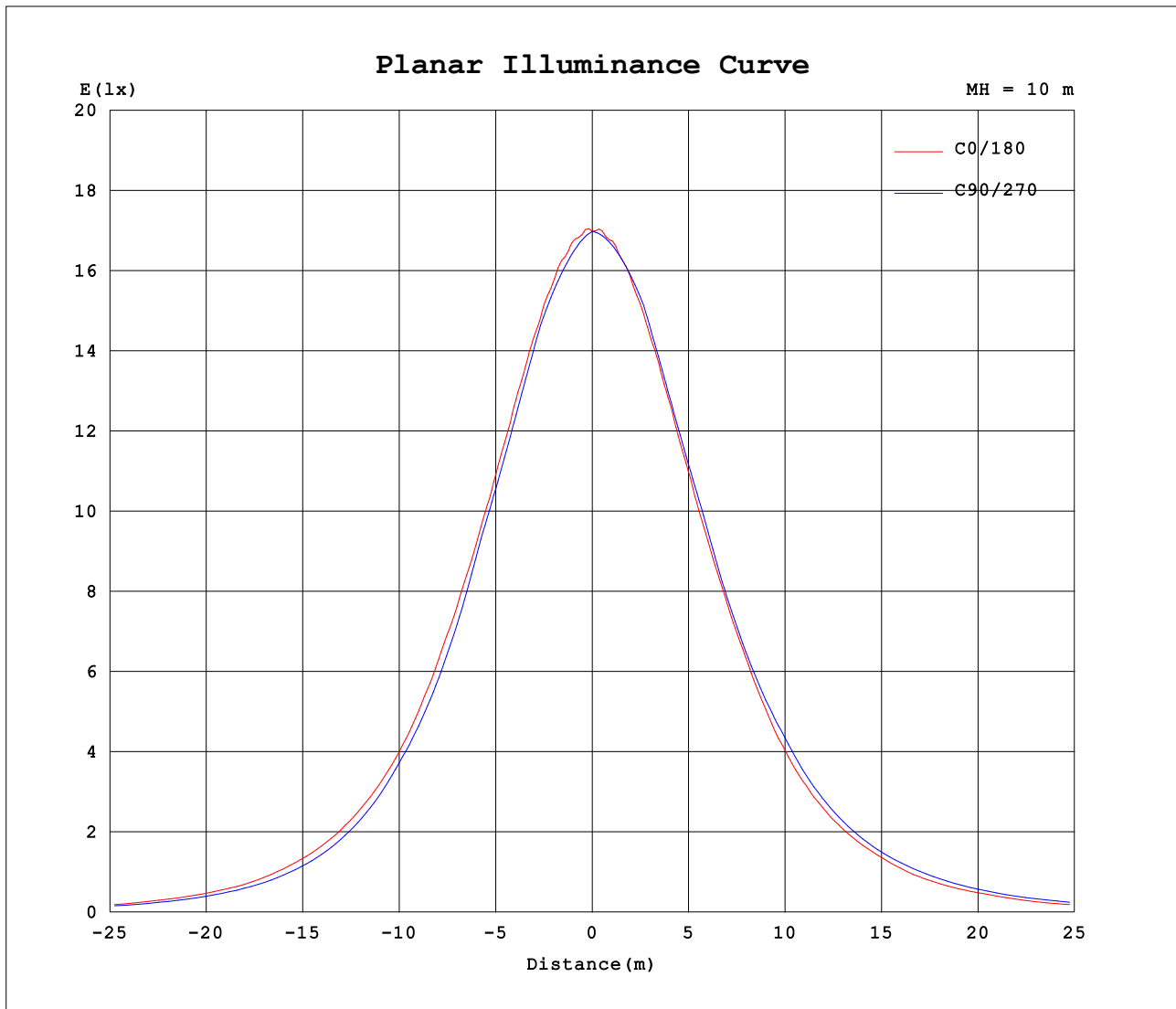
Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



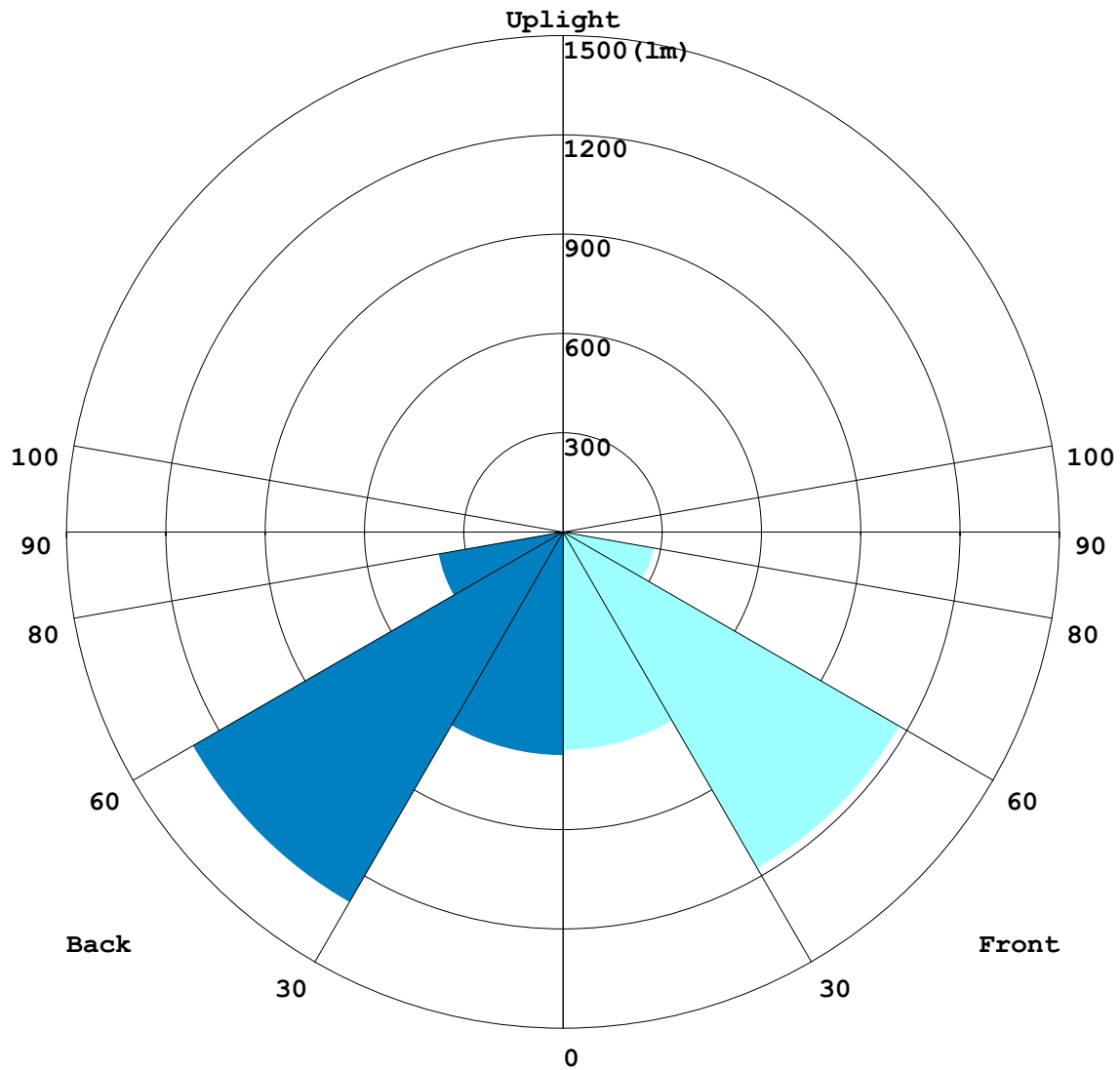
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### LCS REPORT

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

### BUG REPORT

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	658.47	14.6
FM - Front-Medium(30-60)	1173.4	26.1
FH - Front-High(60-80)	278.69	6.2
FVH - Front-Very High(80-90)	11.908	0.3
Total Forward Light	2122.4	47.2

BL - Back-Low(0-30)	674.74	15.0
BM - Back-Medium(30-60)	1291.9	28.7
BH - Back-High(60-80)	380.76	8.5
BVH - Back-Very High(80-90)	26.209	0.6
Total Back Light	2373.6	52.8

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	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2373.6	0	2373.6
Street Side	2122.4	0	2122.4

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

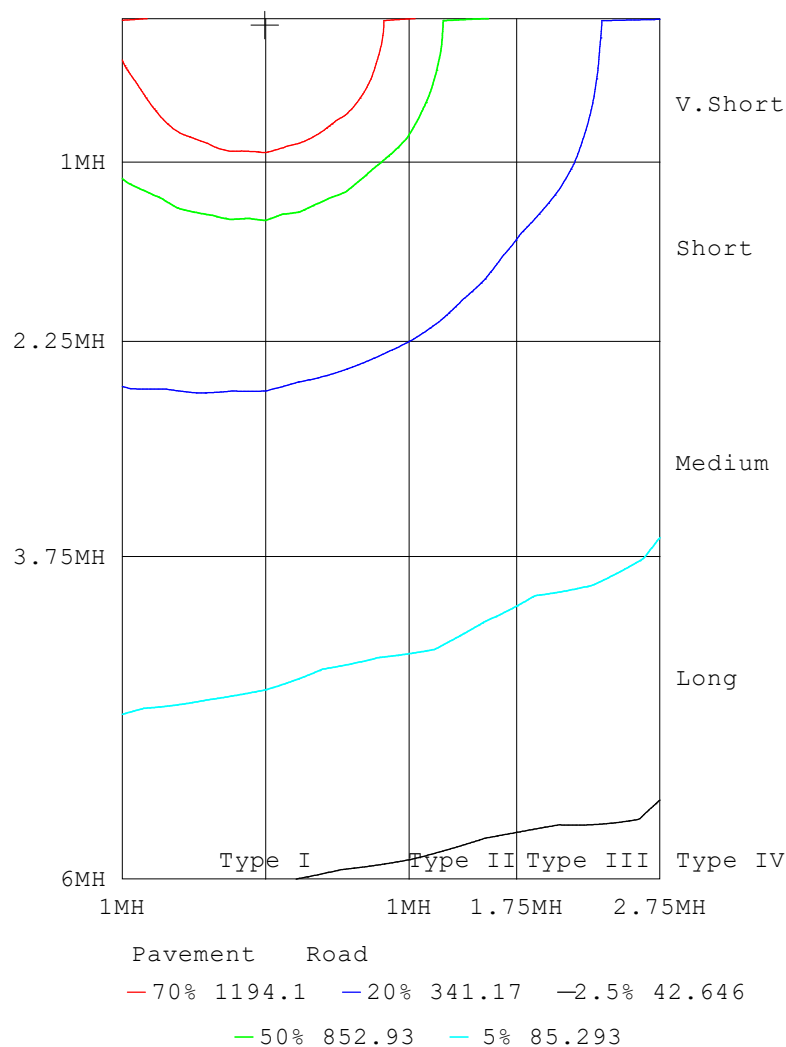
V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

Test:U:121.23V I:0.2558A P:30.568W PF:0.9858 Freq:60.00Hz Lamp Flux:4496.03x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

#### ROAD SURFACE ISOCANDELA DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-01

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:

V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks: