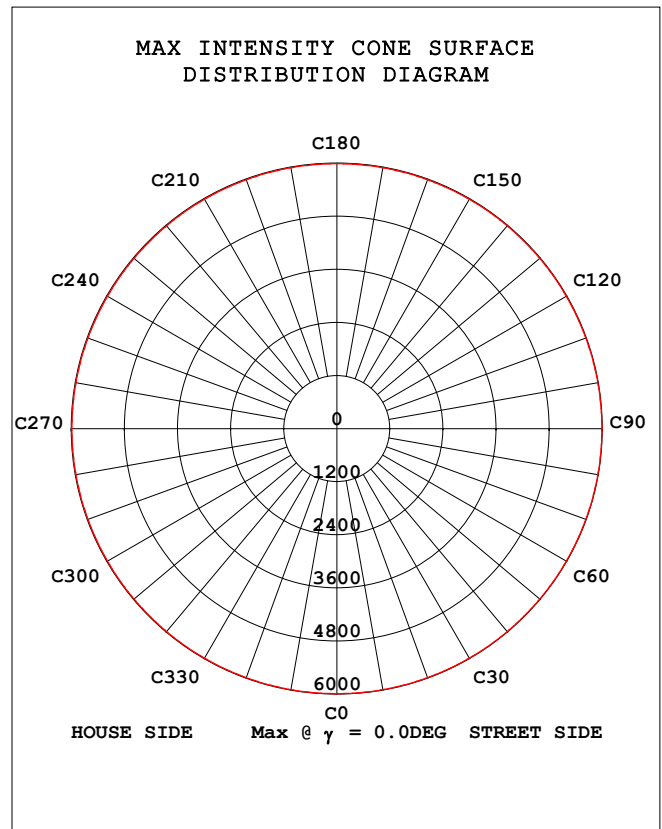
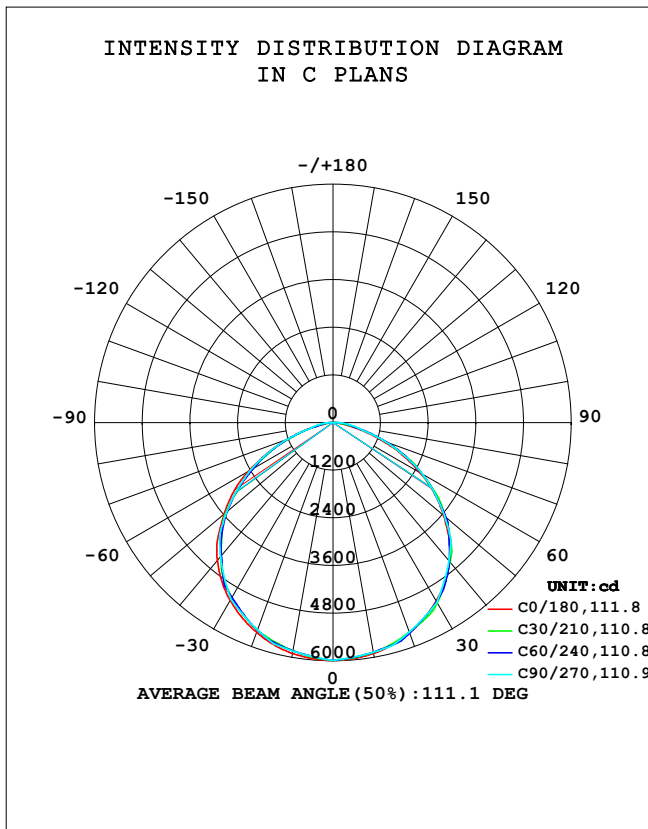


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.64 lm/W			
MODEL		Imax(cd)	5987	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	$\eta$ street_down(%)	50.9
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	16385	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	16385.1	MAXIMUM @ (C, $\gamma$ )	0,0.0	$\eta$ house_down(%)	49.1
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	$\eta$ down(%)	100.0	SLI	19.562

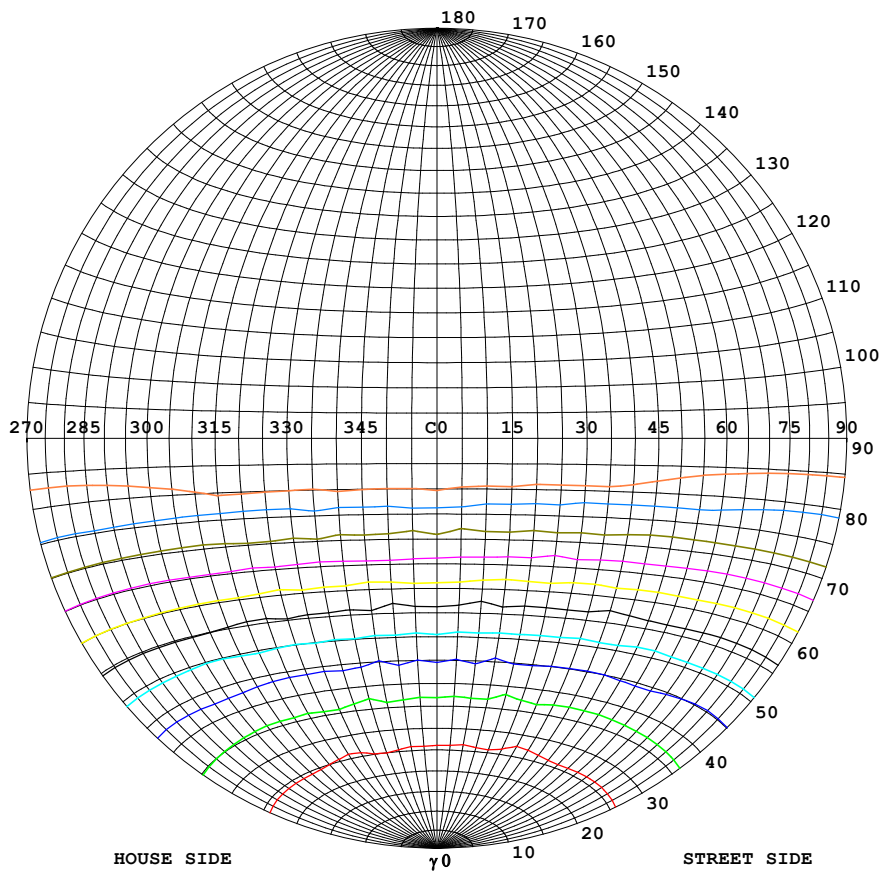


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-09-02

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:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



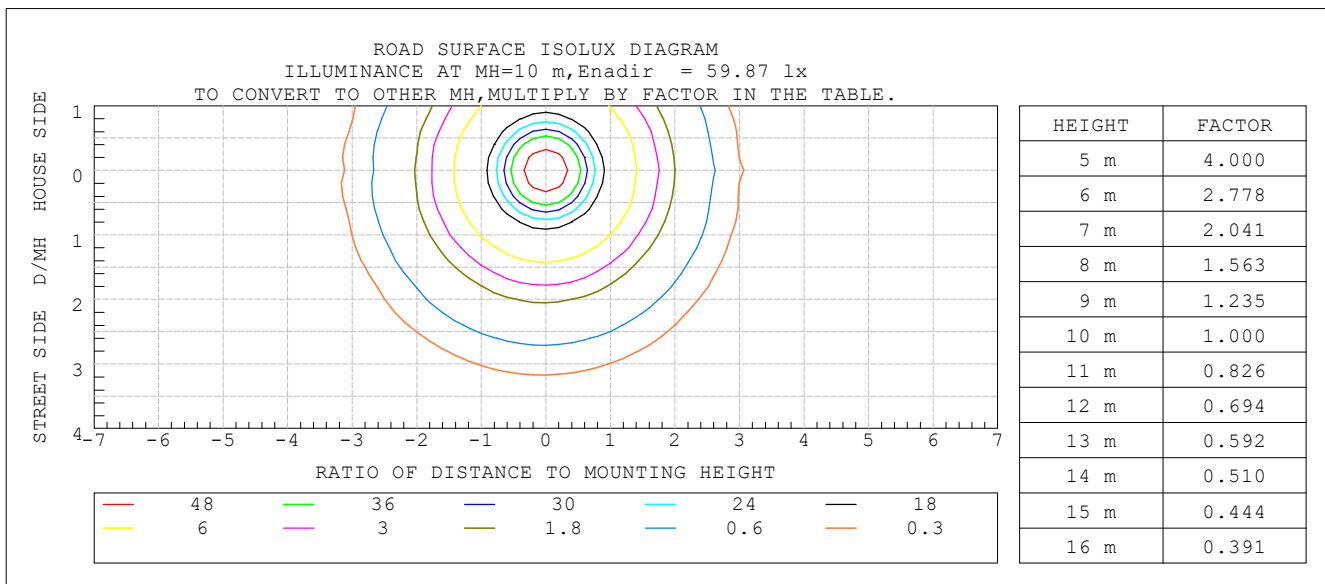
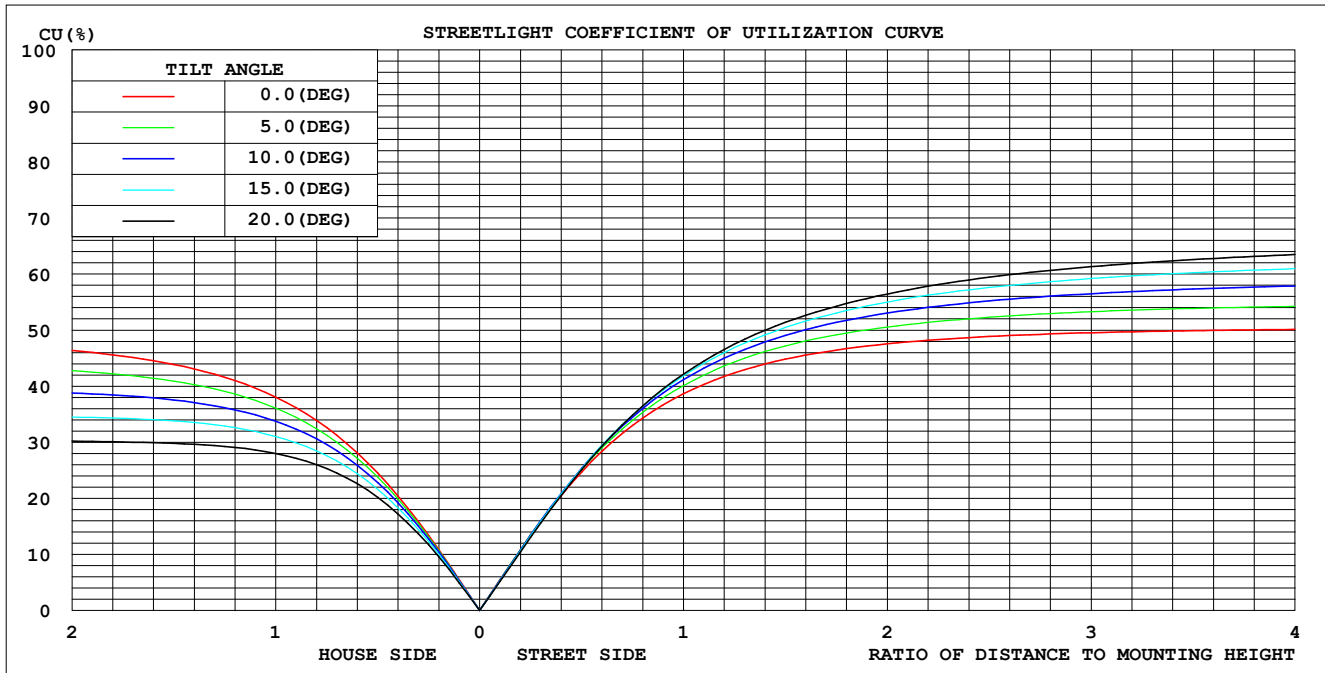
Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:32.72cd/klm  
Max.At90:0.7758cd/klm  
Max.80-90:32.72cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5987
90%	5388
80%	4790
70%	4191
60%	3592
50%	2994
40%	2395
30%	1796
20%	1197
10%	599
5%	299

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-02

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:2022-09-02

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:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

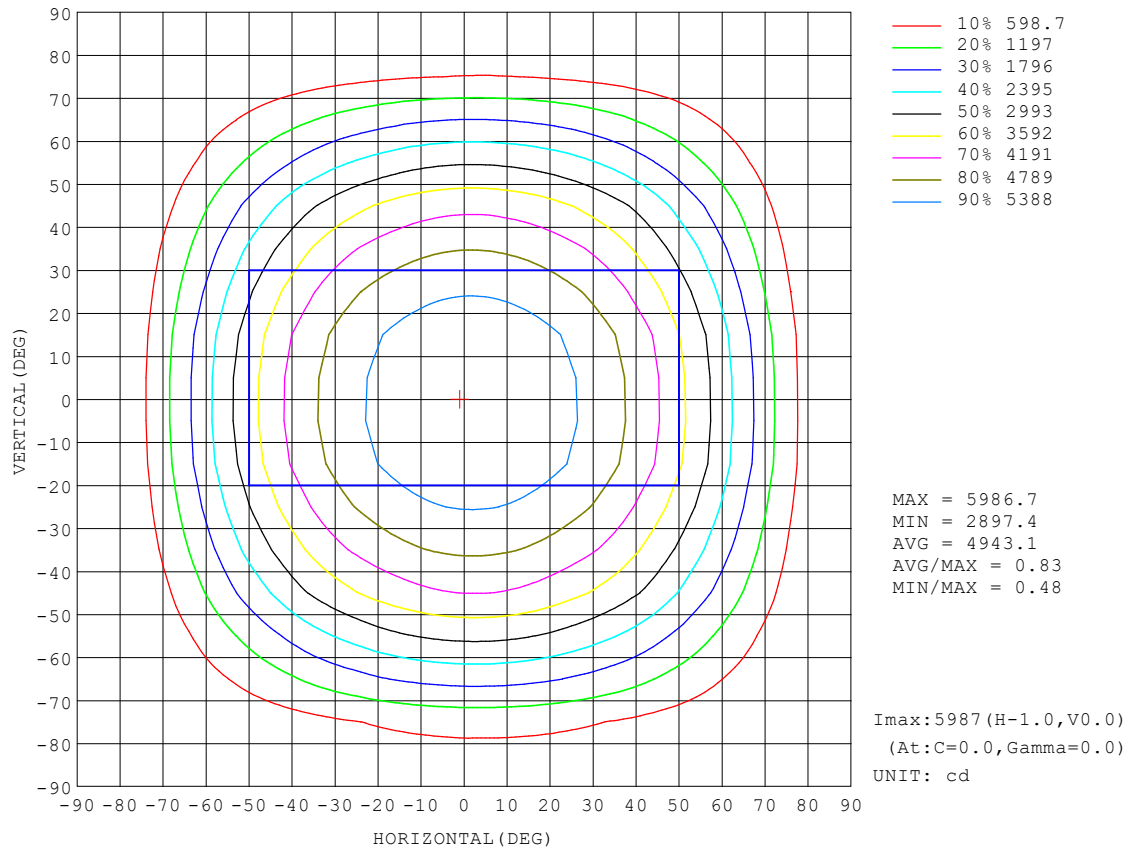
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	5901	5868	5870	5848	5899	5828	5840	5844	0- 10	563.9	563.9	3.44,3.44
20	5631	5672	5617	5611	5622	5569	5557	5624	10- 20	1625	2189	13.4,13.4
30	5193	5197	5228	5137	5175	5075	5138	5121	20- 30	2486	4675	28.5,28.5
40	4563	4605	4543	4554	4533	4471	4407	4495	30- 40	3034	7709	47,47
50	3637	3679	3670	3613	3580	3501	3494	3538	40- 50	3137	10846	66.2,66.2
60	2537	2600	2610	2493	2461	2365	2398	2437	50- 60	2720	13567	82.8,82.8
70	1308	1432	1400	1283	1218	1165	1205	1255	60- 70	1856	15422	94.1,94.1
80	269.8	390.1	534.1	293.7	235.6	228.5	407.7	282.4	70- 80	794.6	16217	99,99
90	6.278	9.207	11.71	11.08	6.927	6.863	6.925	6.686	80- 90	168.1	16385	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:2022-09-02

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

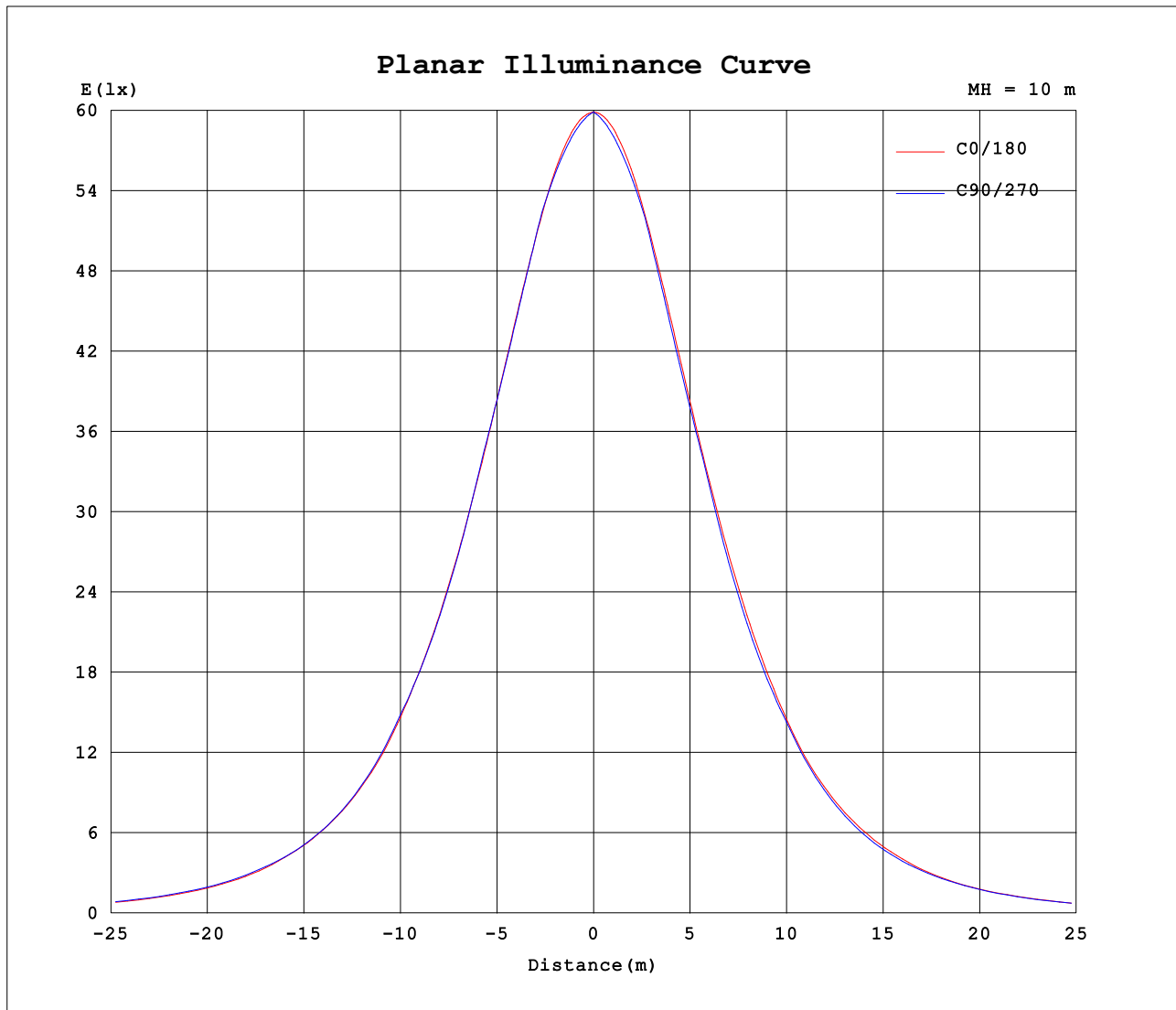
Test:U:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-02

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

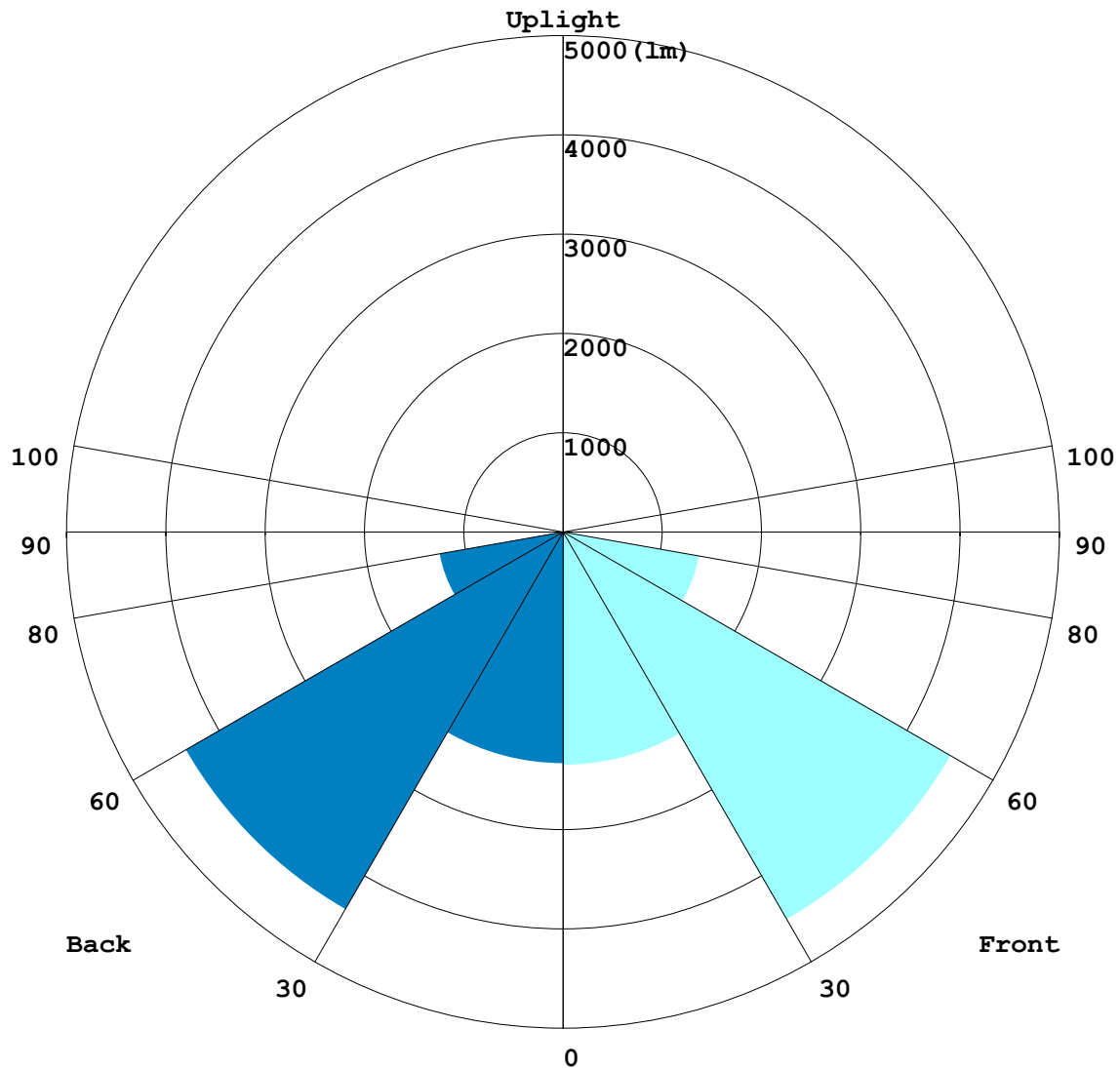


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-02

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:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 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:2022-09-02

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:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2345.8	14.3
FM - Front-Medium(30-60)	4505.7	27.5
FH - Front-High(60-80)	1388.7	8.5
FVH - Front-Very High(80-90)	94.868	0.6
Total Forward Light	8335	50.9

BL - Back-Low(0-30)	2329.2	14.2
BM - Back-Medium(30-60)	4386.2	26.8
BH - Back-High(60-80)	1261.5	7.7
BVH - Back-Very High(80-90)	73.25	0.4
Total Back Light	8050.1	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	B3-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8050.1	0	8050.1
Street Side	8335	0	8335

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-09-02

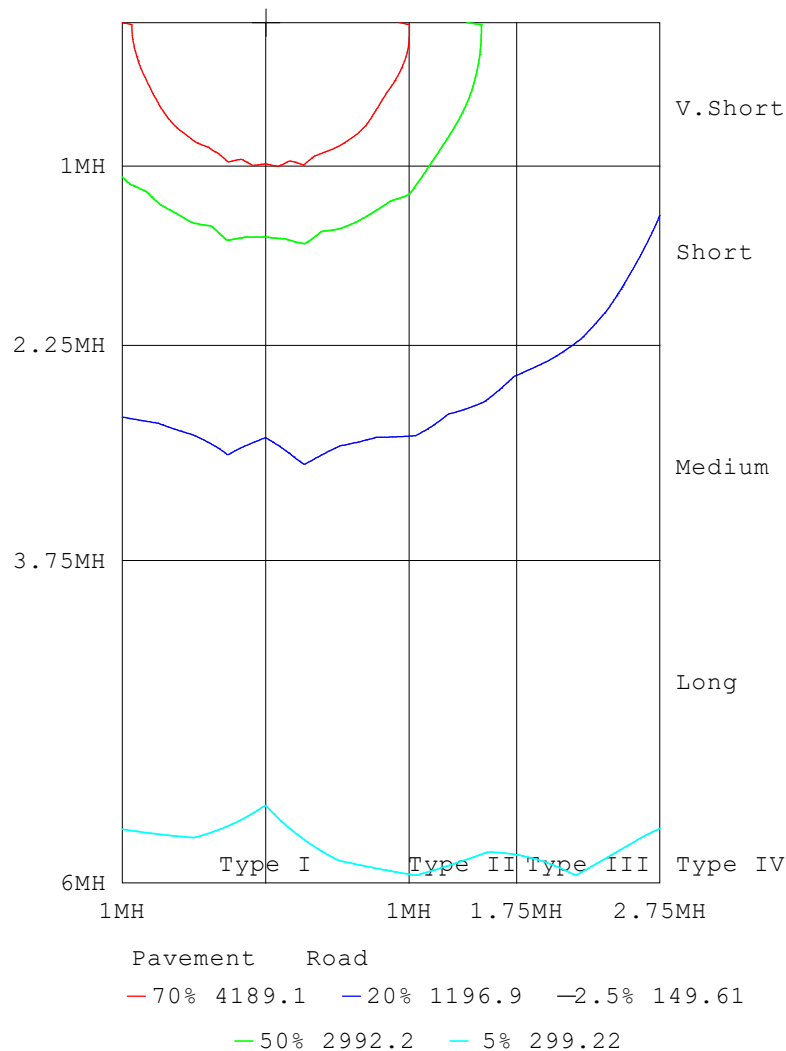
V(B) Range:-90 - 90DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.450m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:120.88V I:0.8679A P:104.60W PF:0.9970 Freq:60.00Hz Lamp Flux:16385.1x1 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:2022-09-02

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: