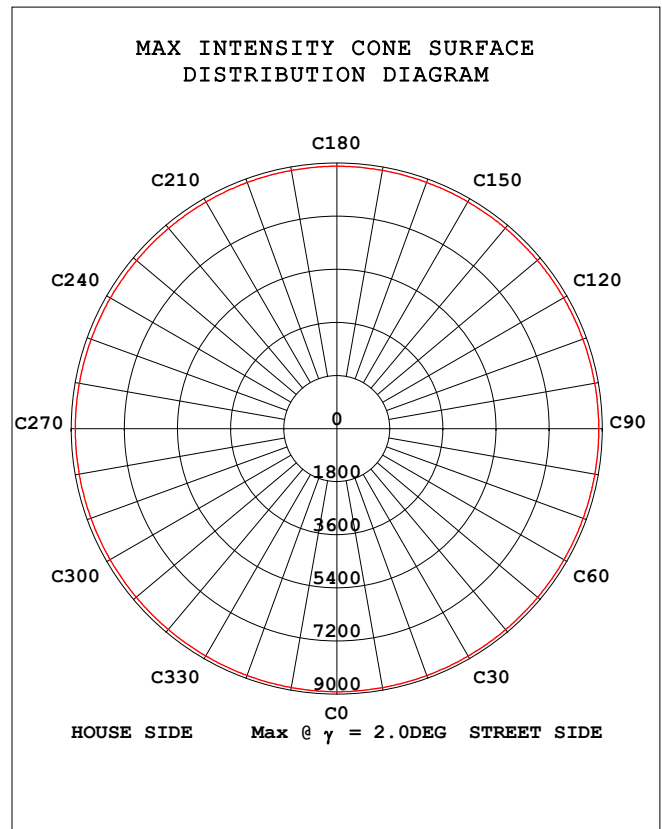
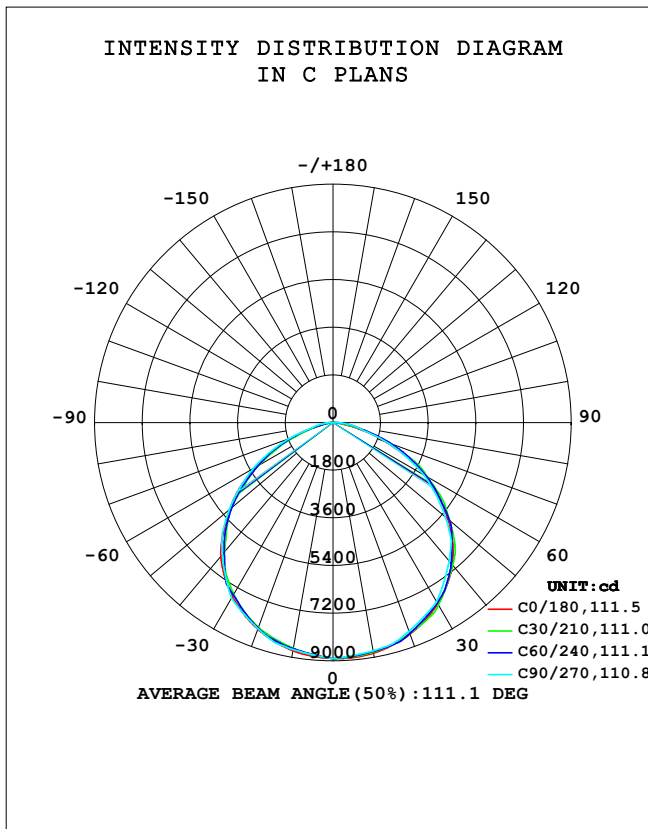


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.25 lm/W			
MODEL		Imax(cd)	8917	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	51.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	24381	η house_up(%)	0.0
NOMINAL FLUX(lm)	24380.6	MAXIMUM @ (C, γ)	0,2.0	η house_down(%)	48.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	20.311

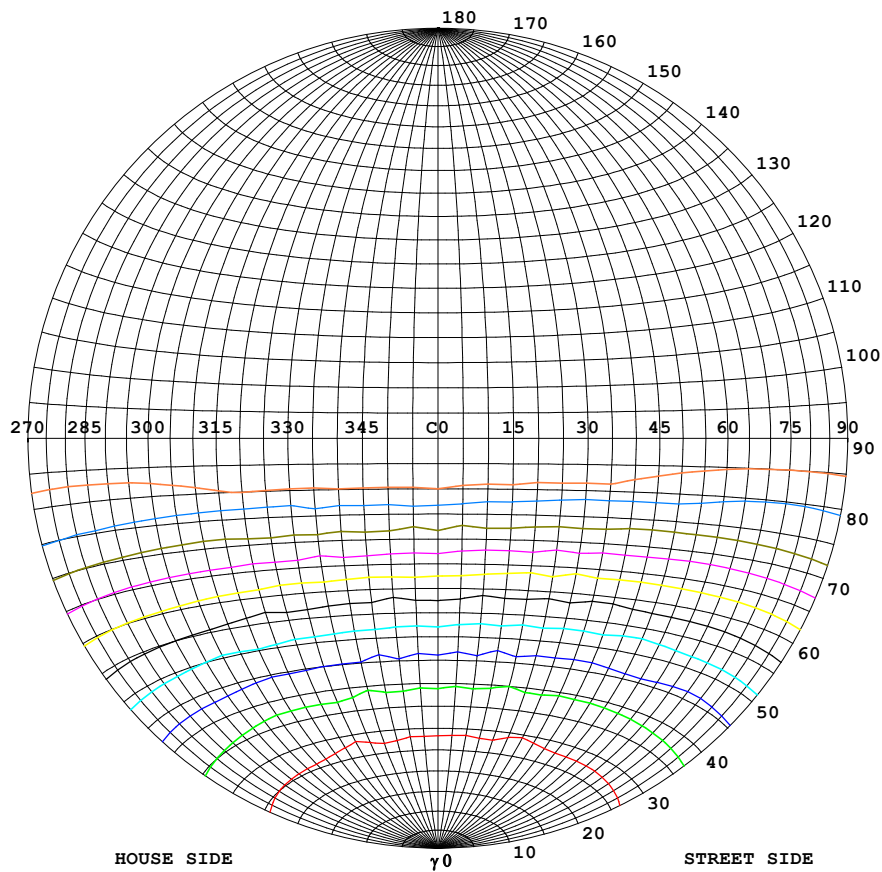


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-02

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:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



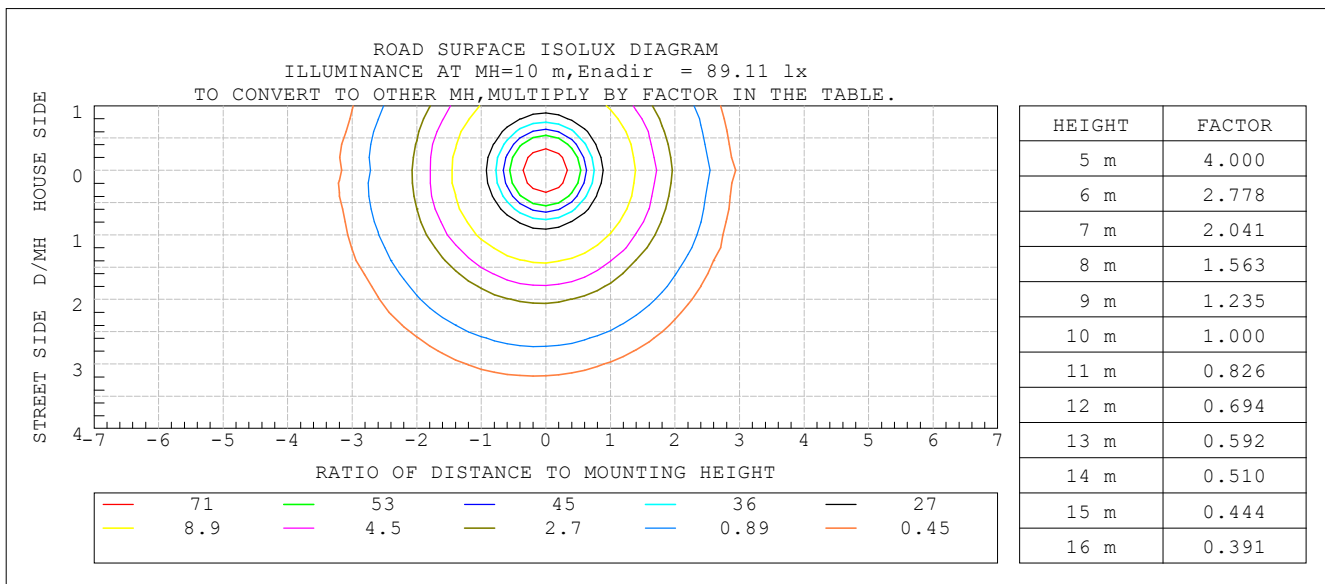
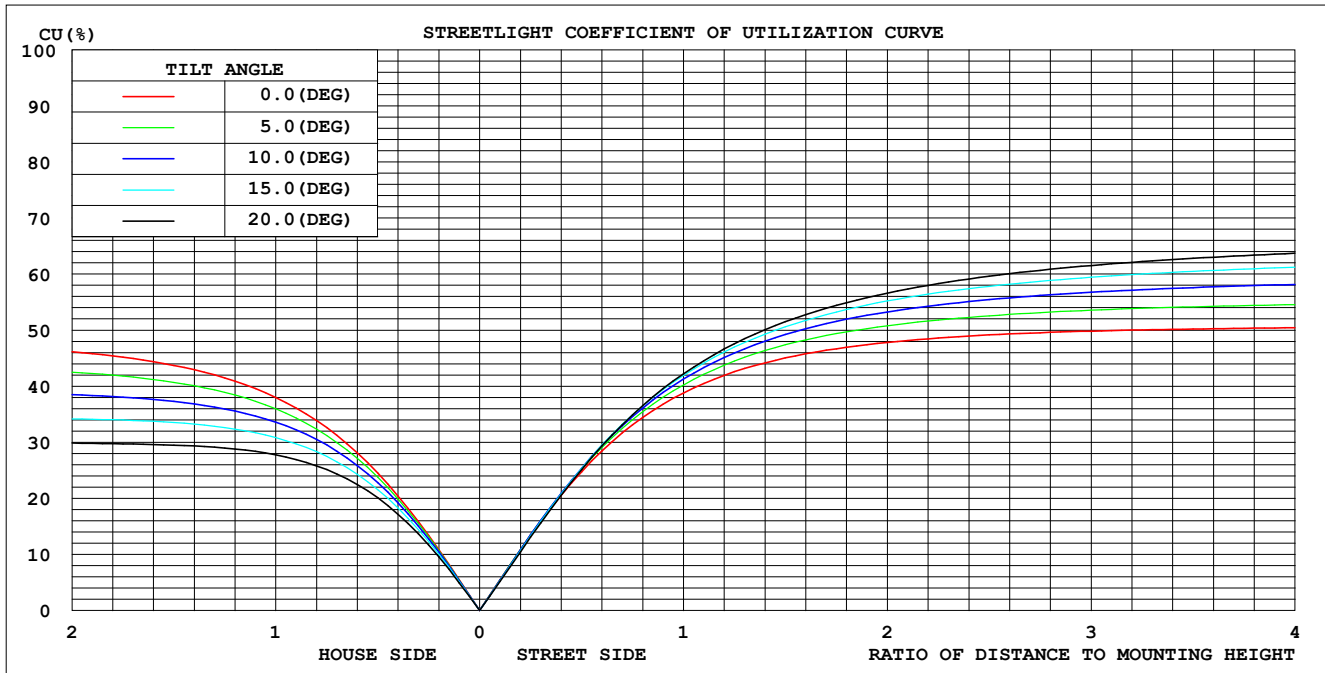
Classification:

IES:Type VS - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:35.46cd/klm
Max.At90:0.9525cd/klm
Max.80-90:35.46cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8917
90%	8025
80%	7133
70%	6242
60%	5350
50%	4458
40%	3567
30%	2675
20%	1783
10%	892
5%	446

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(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:

ZONAL FLUX DIAGRAM

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

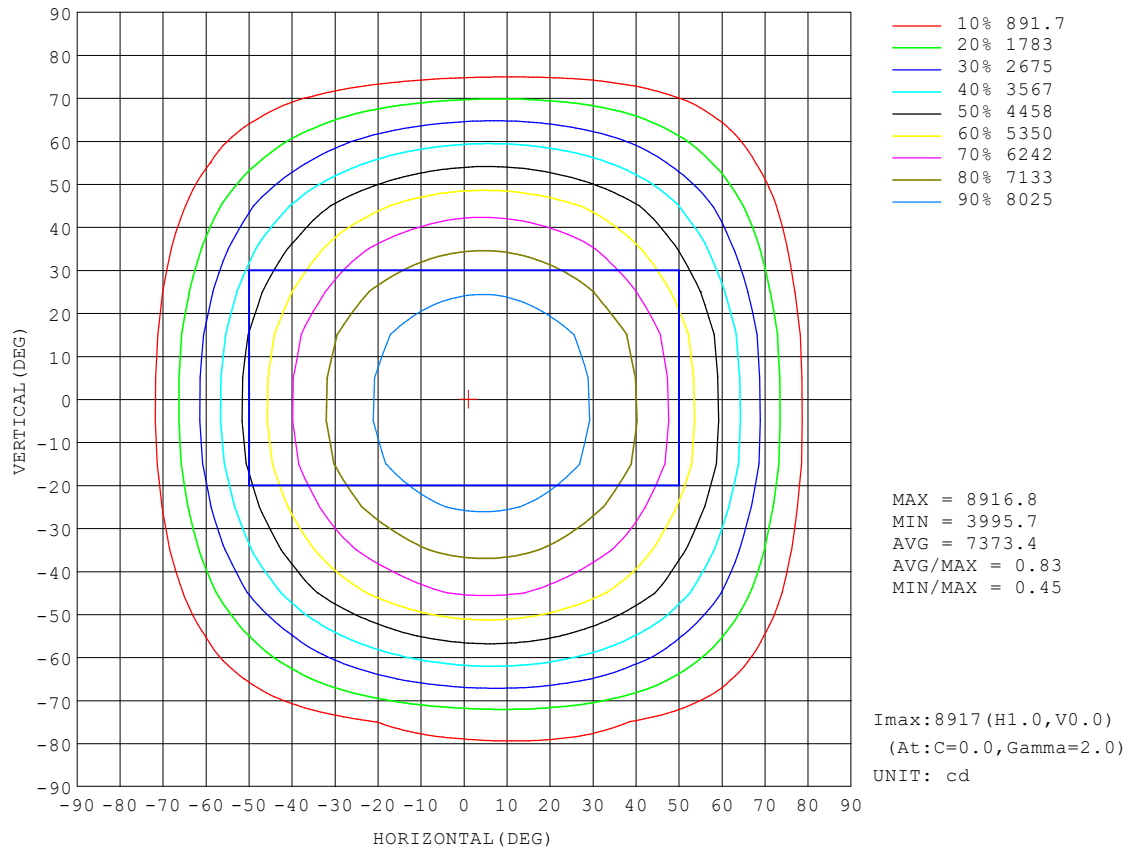
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	8836	8782	8751	8685	8748	8655	8700	8745	0- 10	840.0	840.0	3.45,3.45
20	8504	8542	8389	8304	8307	8253	8287	8462	10- 20	2424	3264	13.4,13.4
30	7906	7876	7825	7583	7595	7483	7670	7756	20- 30	3715	6979	28.6,28.6
40	7007	7030	6828	6692	6591	6542	6503	6831	30- 40	4534	11512	47.2,47.2
50	5660	5709	5541	5247	5096	4997	5110	5382	40- 50	4672	16184	66.4,66.4
60	4025	4118	3964	3557	3375	3275	3491	3782	50- 60	4046	20230	83,83
70	2096	2351	2137	1750	1529	1521	1735	2002	60- 70	2753	22983	94.3,94.3
80	439.8	665.7	822.0	334.7	213.1	230.4	574.5	464.1	70- 80	1157	24139	99,99
90	8.334	13.37	19.59	20.38	11.04	11.31	10.89	9.526	80- 90	241.1	24381	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(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:

ISOCANDELA DIAGRAM

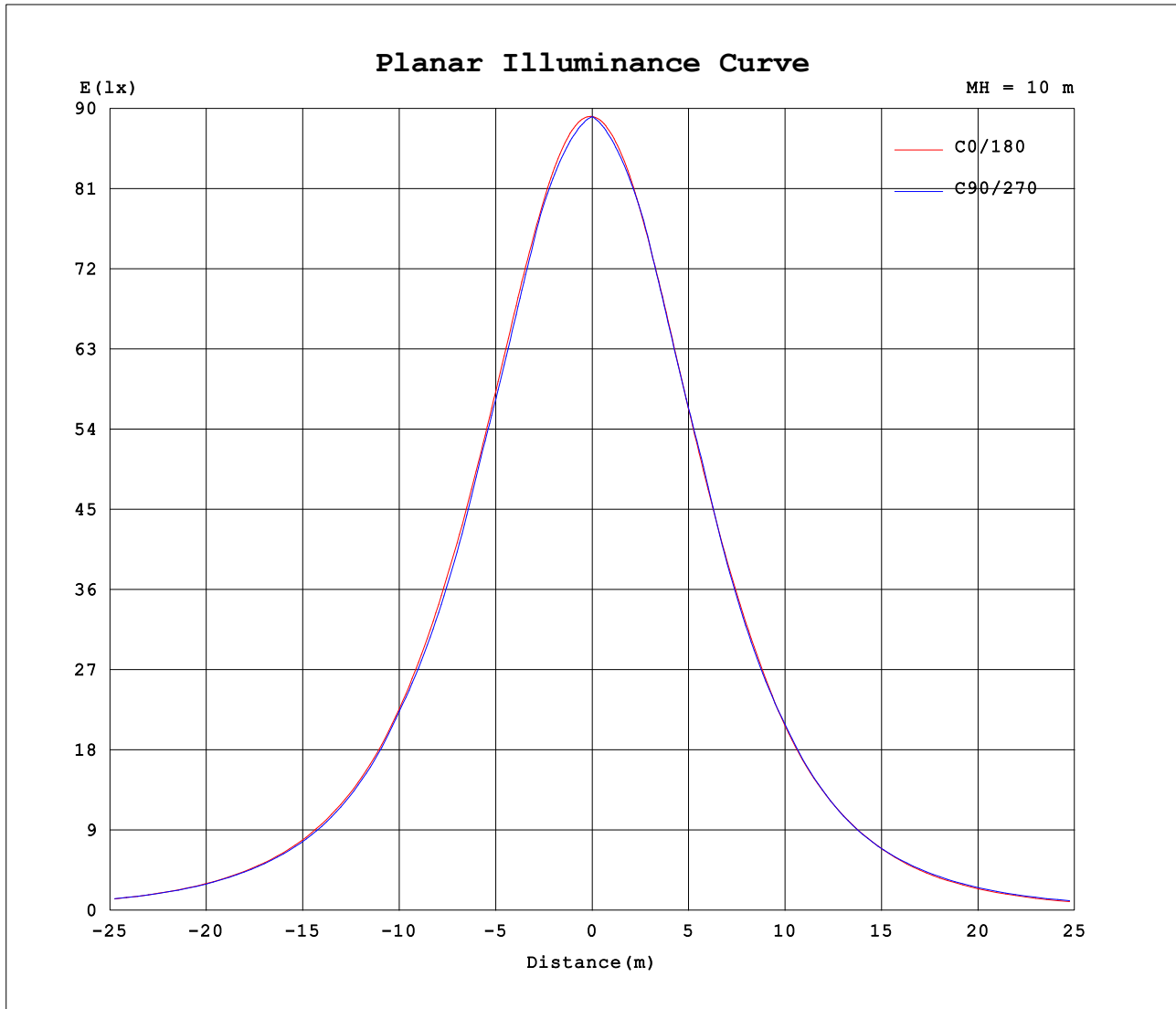
Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



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:

Planar Illuminance Curve



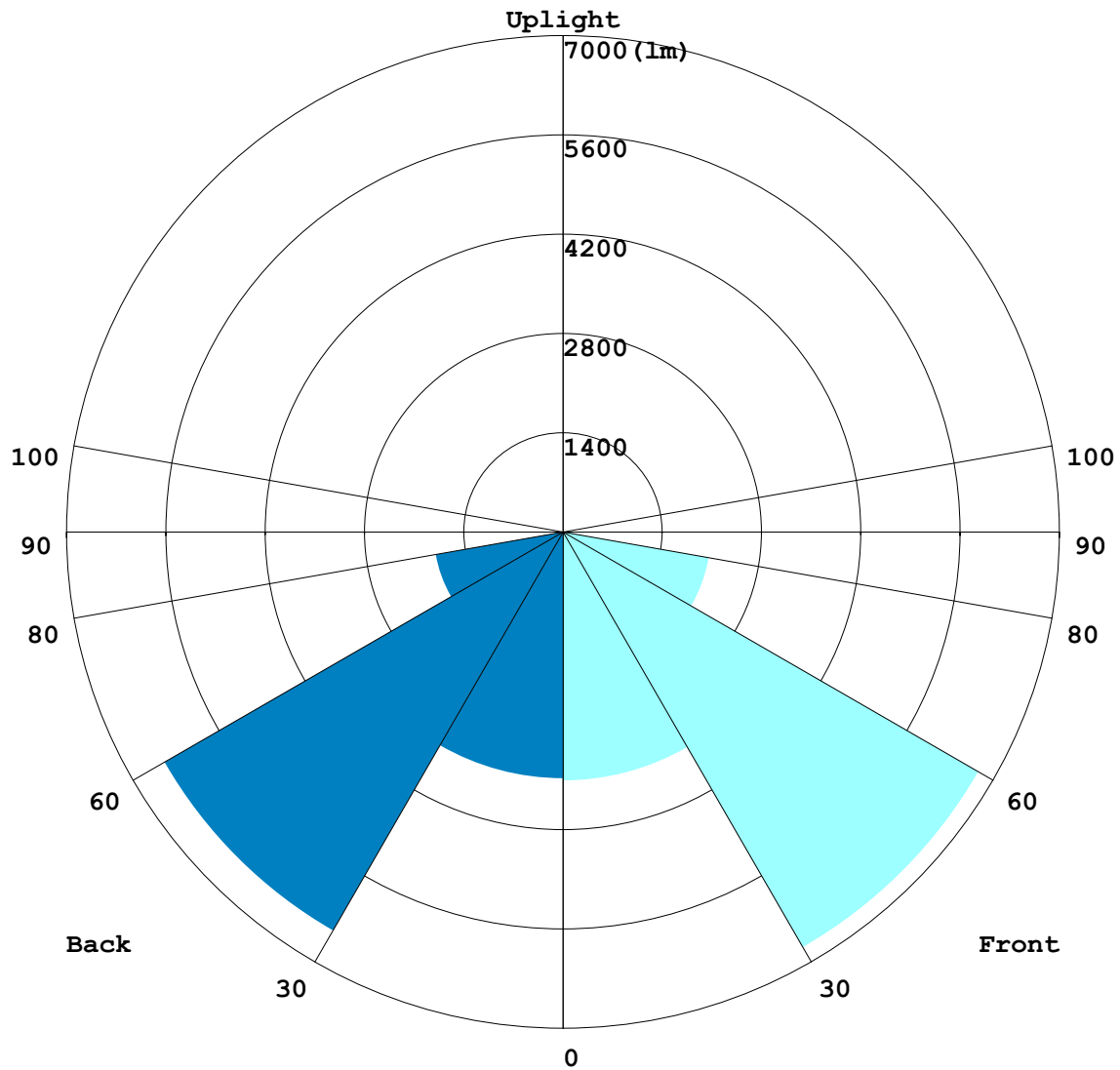
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-02

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:

LCS REPORT

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



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:

BUG REPORT

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3503.6	14.4
FM - Front-Medium(30-60)	6763.1	27.7
FH - Front-High(60-80)	2087.8	8.6
FVH - Front-Very High(80-90)	141.29	0.6
Total Forward Light	12496	51.3

BL - Back-Low(0-30)	3475.1	14.3
BM - Back-Medium(30-60)	6488.4	26.6
BH - Back-High(60-80)	1821.5	7.5
BVH - Back-Very High(80-90)	99.817	0.4
Total Back Light	11885	48.7

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	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11885	0	11885
Street Side	12496	0	12496

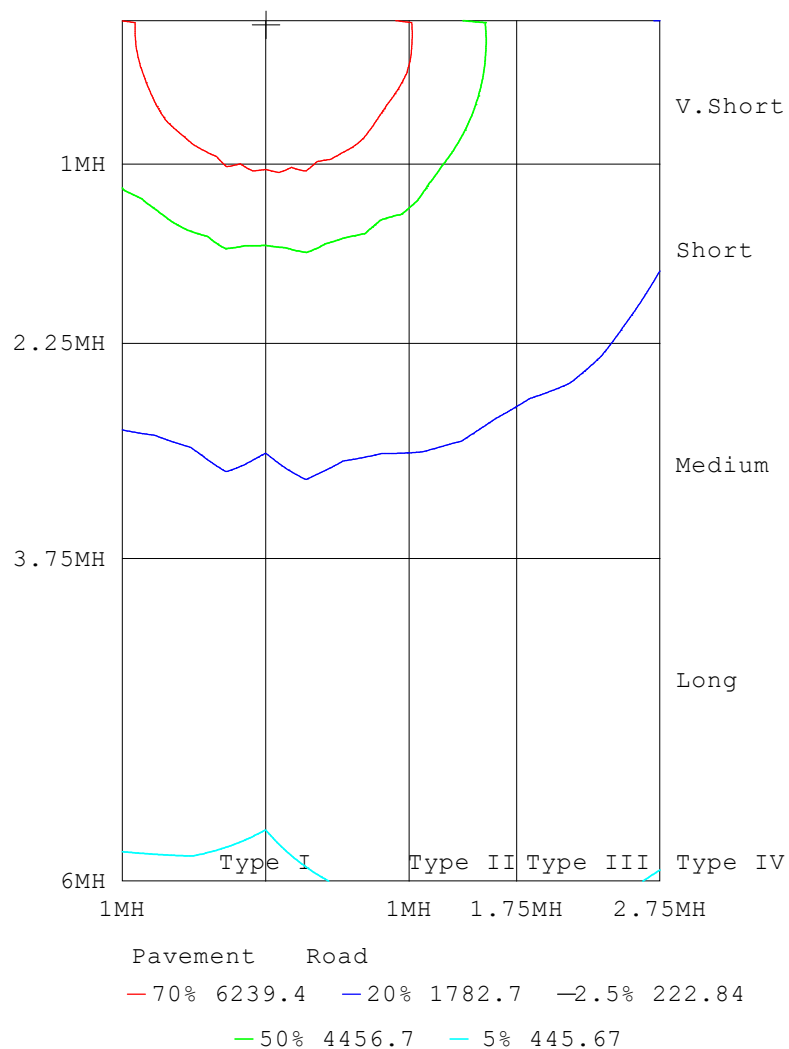
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-02

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:

ROAD ISOCANDELA REPORT

Test:U:121.01V I:1.2682A P:153.10W PF:0.9976 Freq:60.00Hz Lamp Flux:24380.6x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

ROAD SURFACE ISOCANDELA DIAGRAM



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:

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: