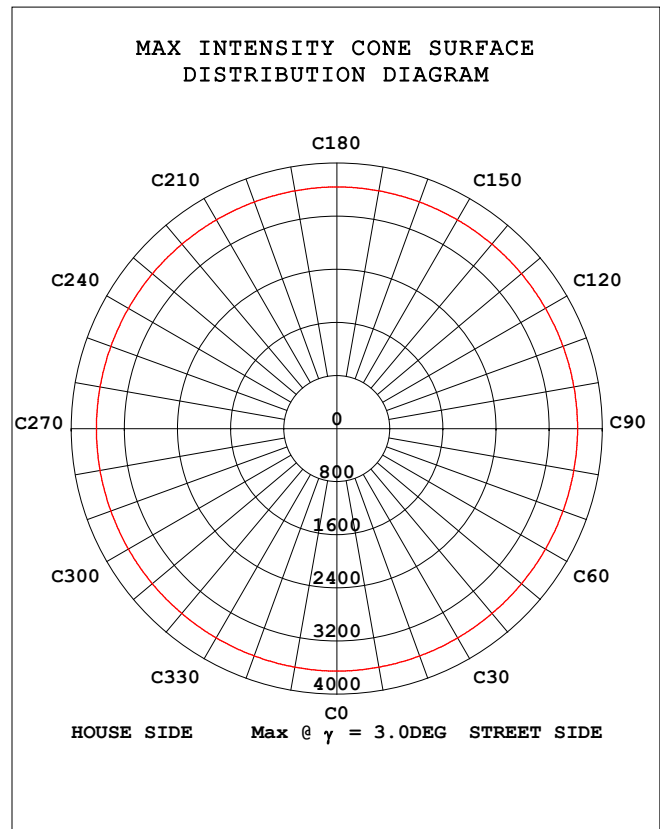
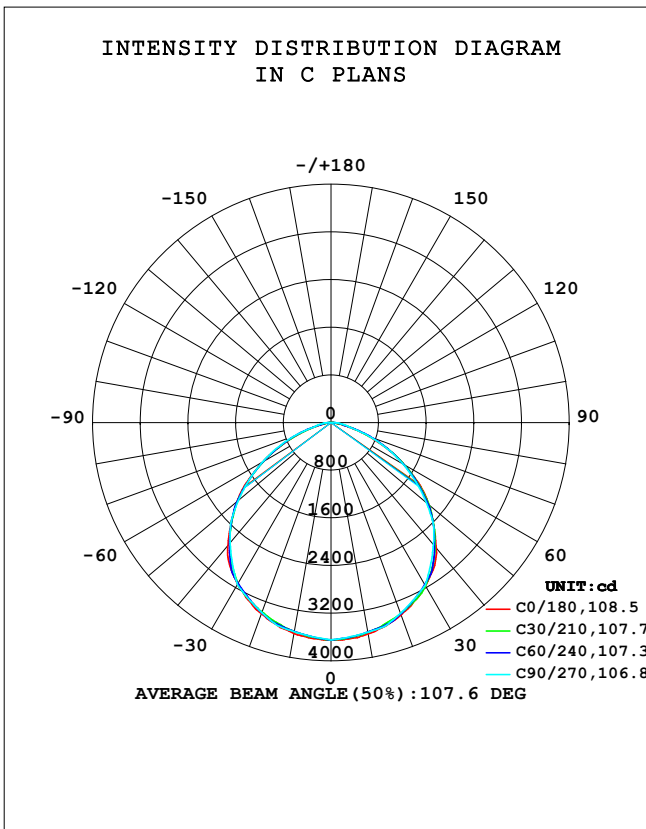


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 152.48 lm/W			
MODEL		I _{max} (cd)	3652	η street_up (%)	0.0
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	9514	η house_up (%)	0.0
NOMINAL FLUX (lm)	9513.92	MAXIMUM @ (C, γ)	0,3.0	η house_down (%)	49.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	18.080

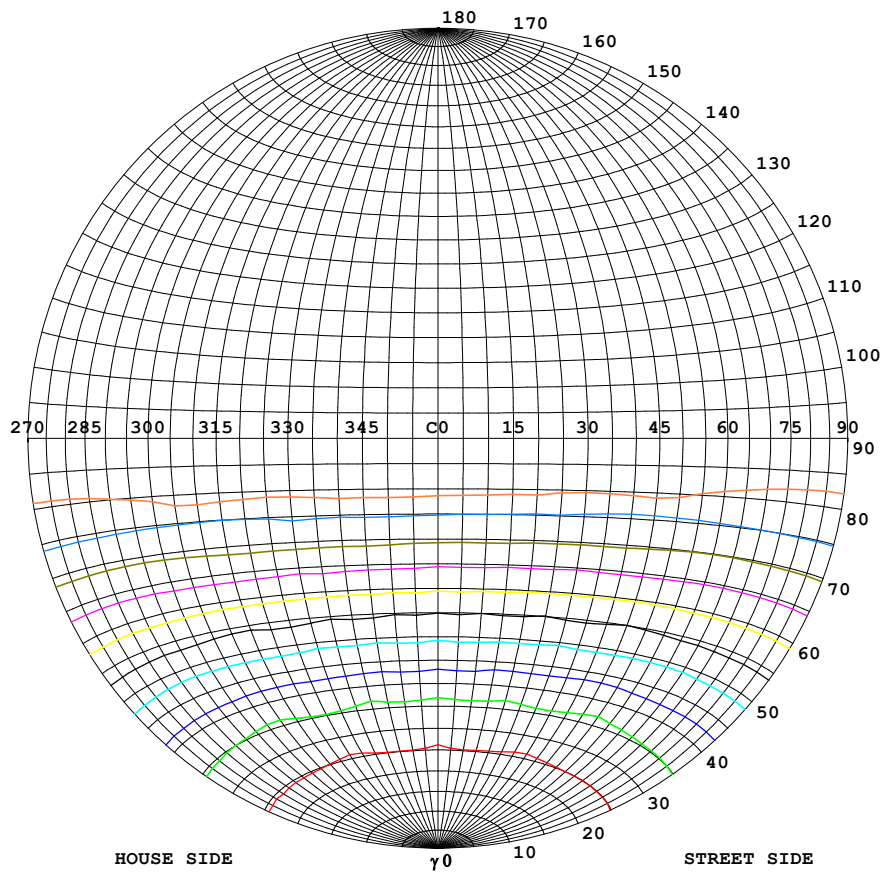


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-01

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:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



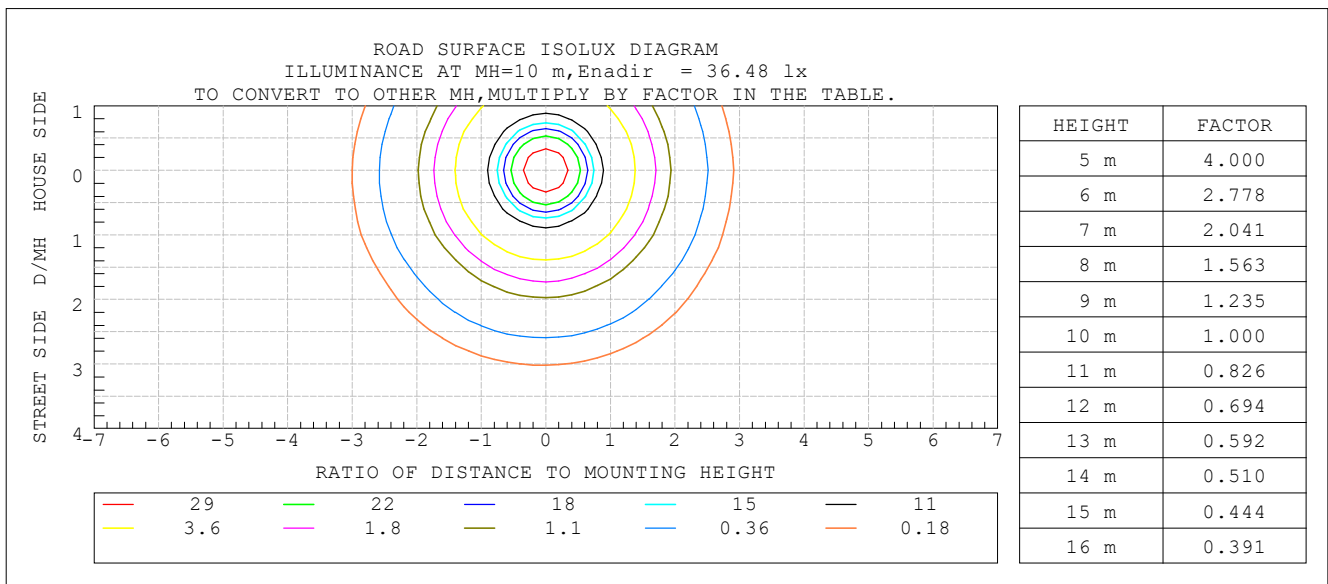
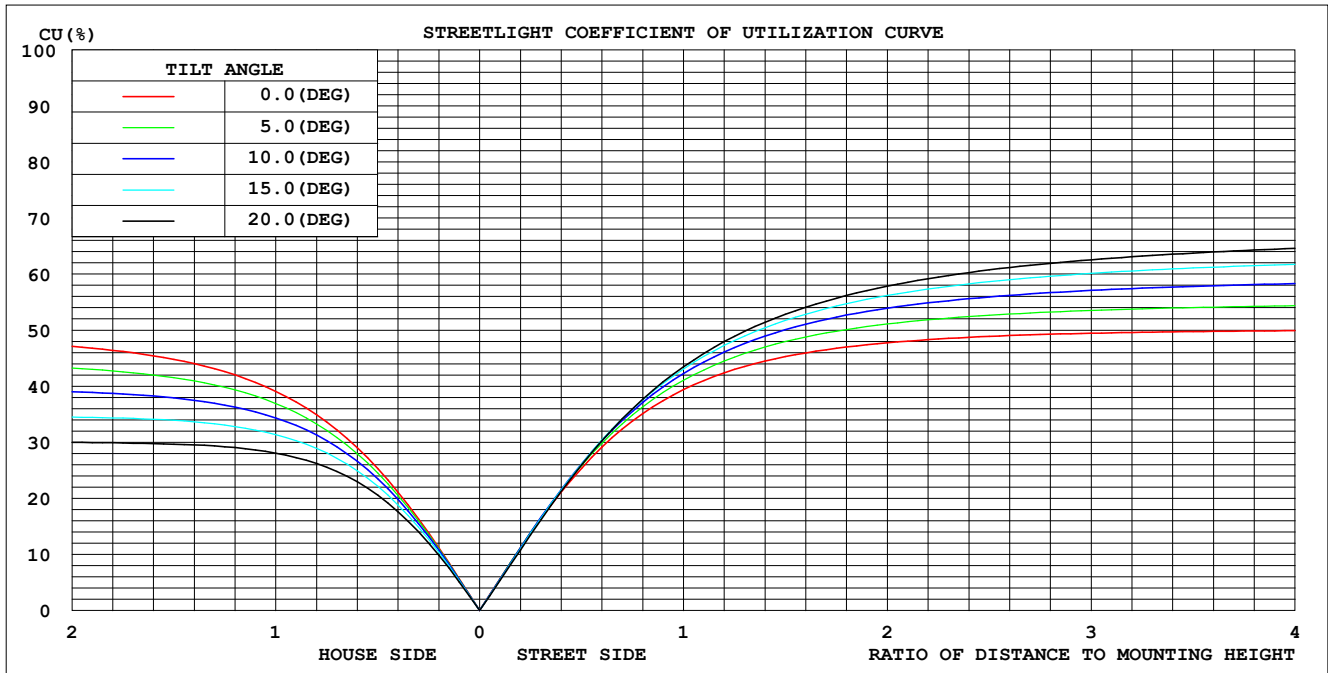
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:24.58cd/klm
Max.At90:0.8945cd/klm
Max.80-90:24.58cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3652
90%	3287
80%	2922
70%	2557
60%	2191
50%	1826
40%	1461
30%	1096
20%	730
10%	365
5%	183

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:

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:2022-09-01

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:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

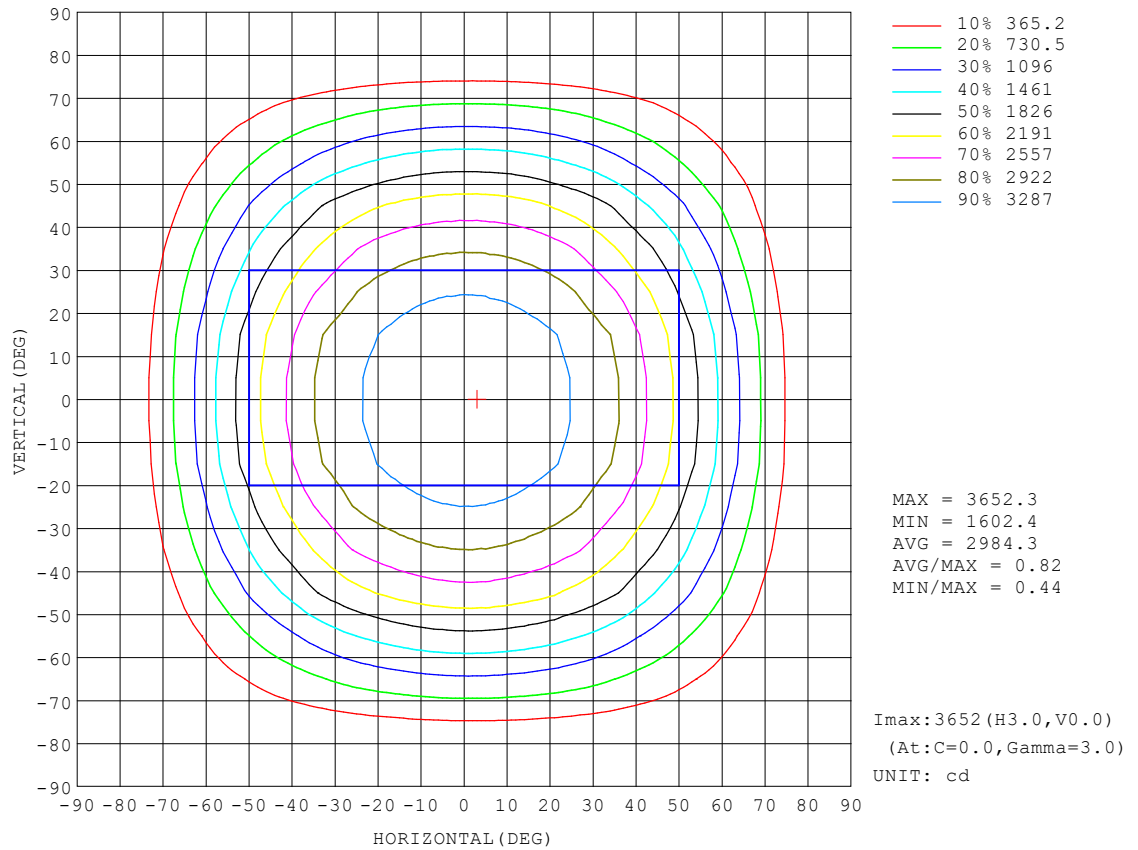
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3602	3576	3573	3559	3593	3555	3564	3568	0- 10	343.8	343.8	3.61,3.61
20	3438	3430	3409	3409	3413	3407	3395	3427	10- 20	989.6	1333	14,14
30	3168	3144	3157	3111	3136	3102	3144	3131	20- 30	1513	2846	29.9,29.9
40	2753	2772	2677	2731	2694	2679	2635	2713	30- 40	1835	4681	49.2,49.2
50	2145	2132	2091	2074	2059	2041	2029	2079	40- 50	1844	6525	68.6,68.6
60	1418	1433	1399	1351	1318	1315	1327	1353	50- 60	1544	8069	84.8,84.8
70	679.5	705.2	696.6	640.2	580.1	614.8	639.4	643.0	60- 70	986.3	9055	95.2,95.2
80	131.4	156.6	232.1	127.0	95.77	109.8	198.1	124.1	70- 80	380.9	9436	99.2,99.2
90	3.153	5.769	5.736	7.375	3.622	3.374	3.391	3.327	80- 90	77.71	9514	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:2022-09-01

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

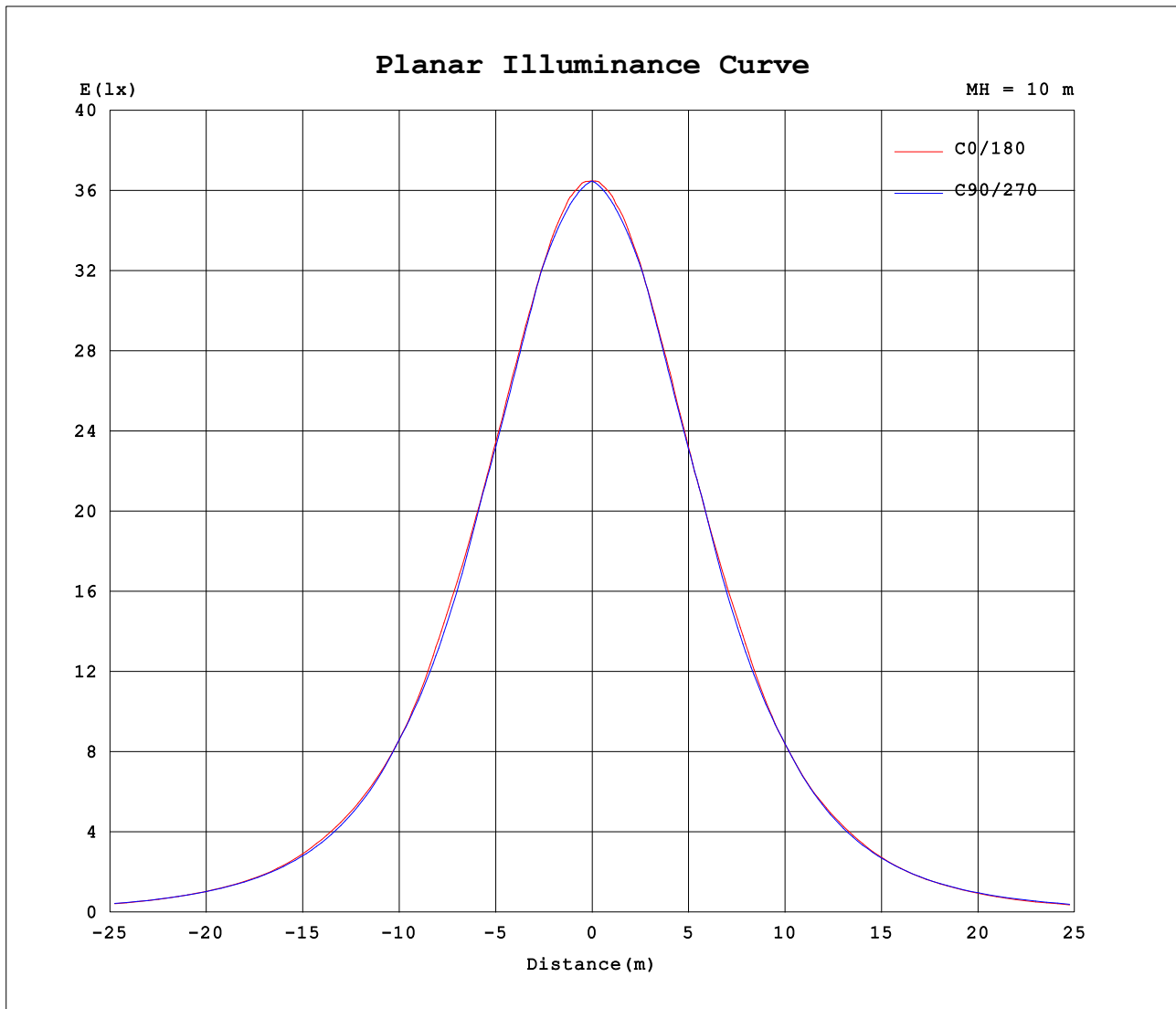
Test:U:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		



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

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



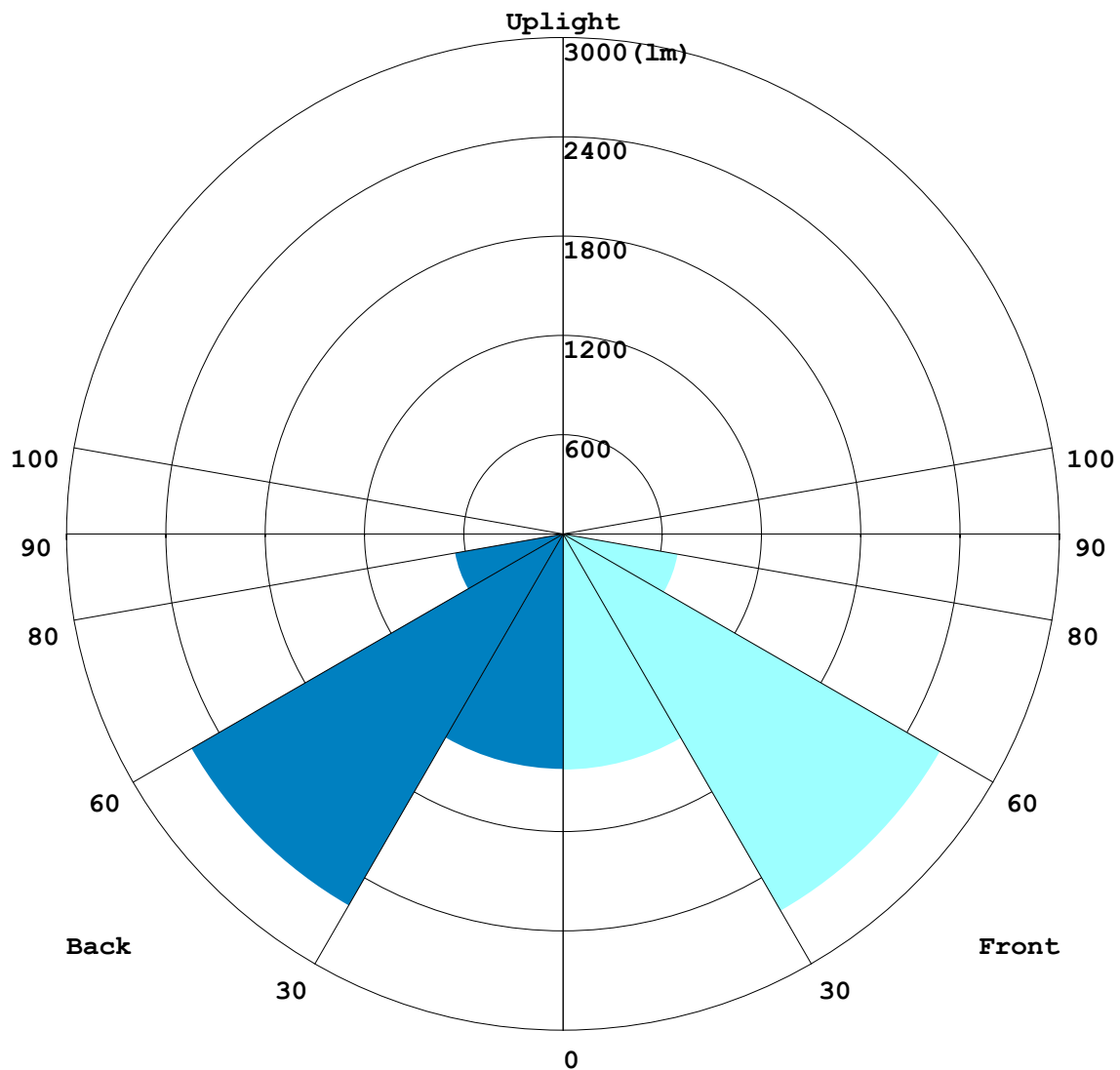
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-01

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:

LCS REPORT

Test:U:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 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:2022-09-01

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:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 lm		
NAME:		SERIAL No.:
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1424.6	15.0
FM - Front-Medium(30-60)	2631.1	27.7
FH - Front-High(60-80)	704.16	7.4
FVH - Front-Very High(80-90)	42.206	0.4
Total Forward Light	4802.1	50.5

BL - Back-Low(0-30)	1421.5	14.9
BM - Back-Medium(30-60)	2591.7	27.2
BH - Back-High(60-80)	663.1	7.0
BVH - Back-Very High(80-90)	35.501	0.4
Total Back Light	4711.8	49.5

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	4711.8	0	4711.8
Street Side	4802.1	0	4802.1

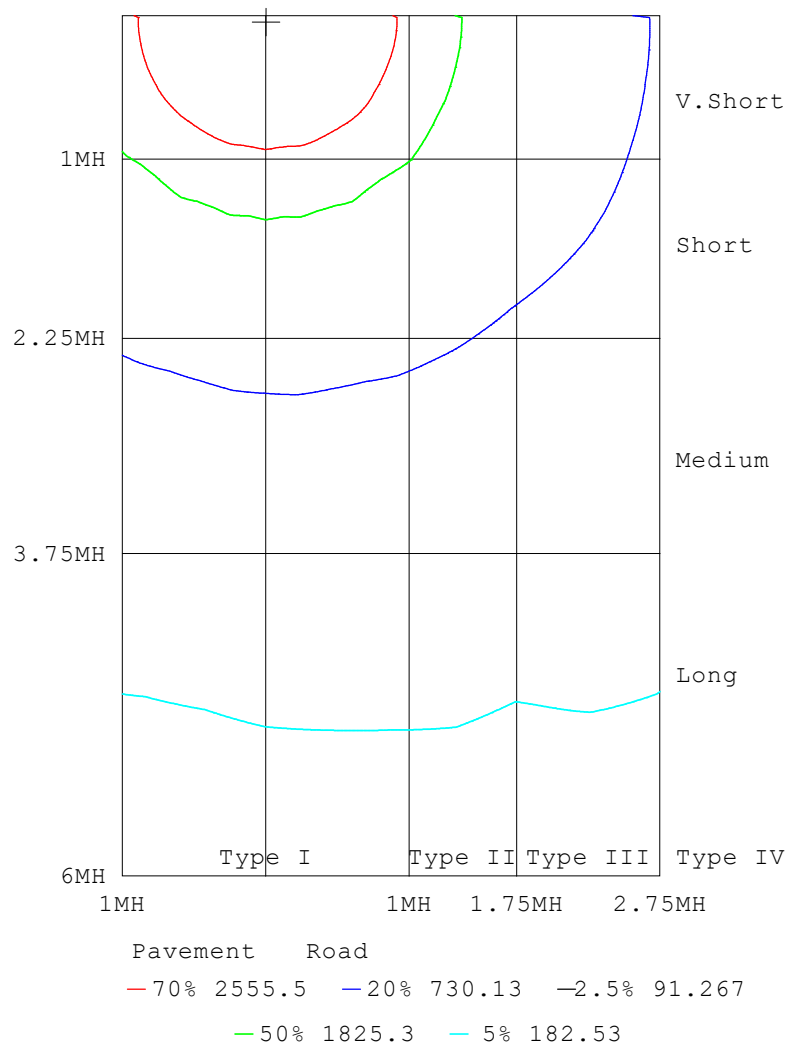
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-09-01

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:

ROAD ISOCANDELA REPORT

Test:U:121.28V I:0.5205A P:62.396W PF:0.9884 Freq:60.00Hz Lamp Flux:9513.92x1 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:2022-09-01

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: