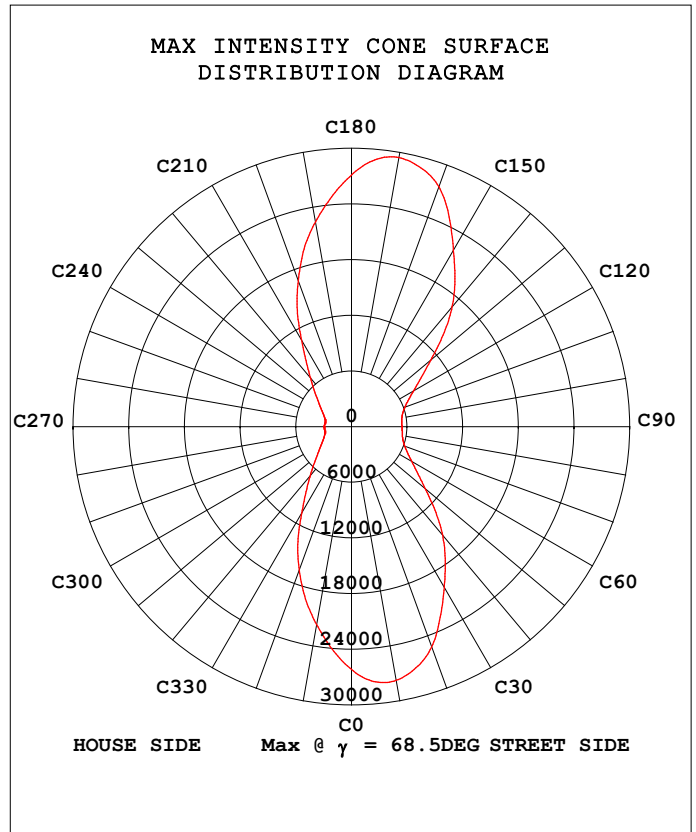
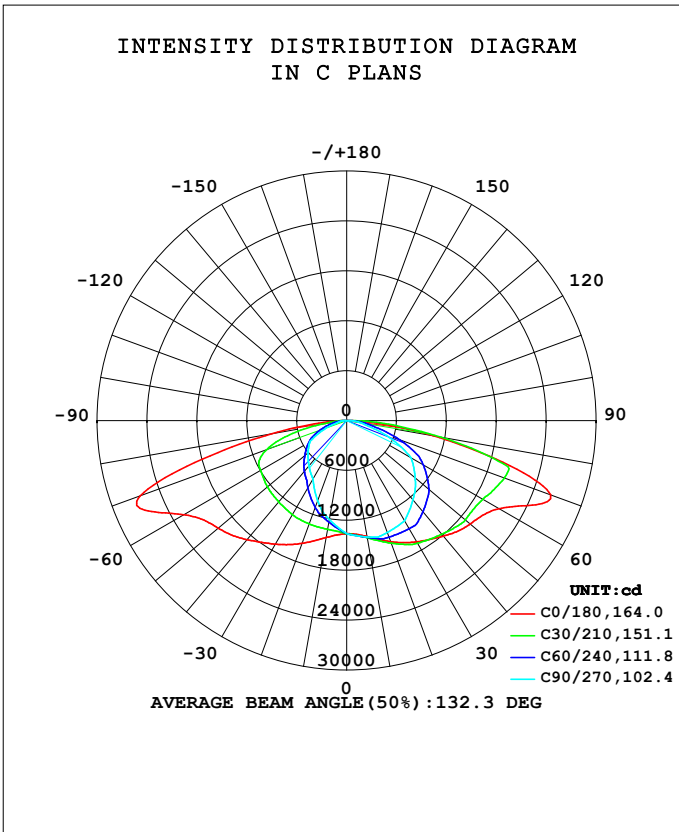


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.81V I:3.9173A P:473.82W PF:0.9992 Freq:60.00Hz Lamp Flux:66394.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

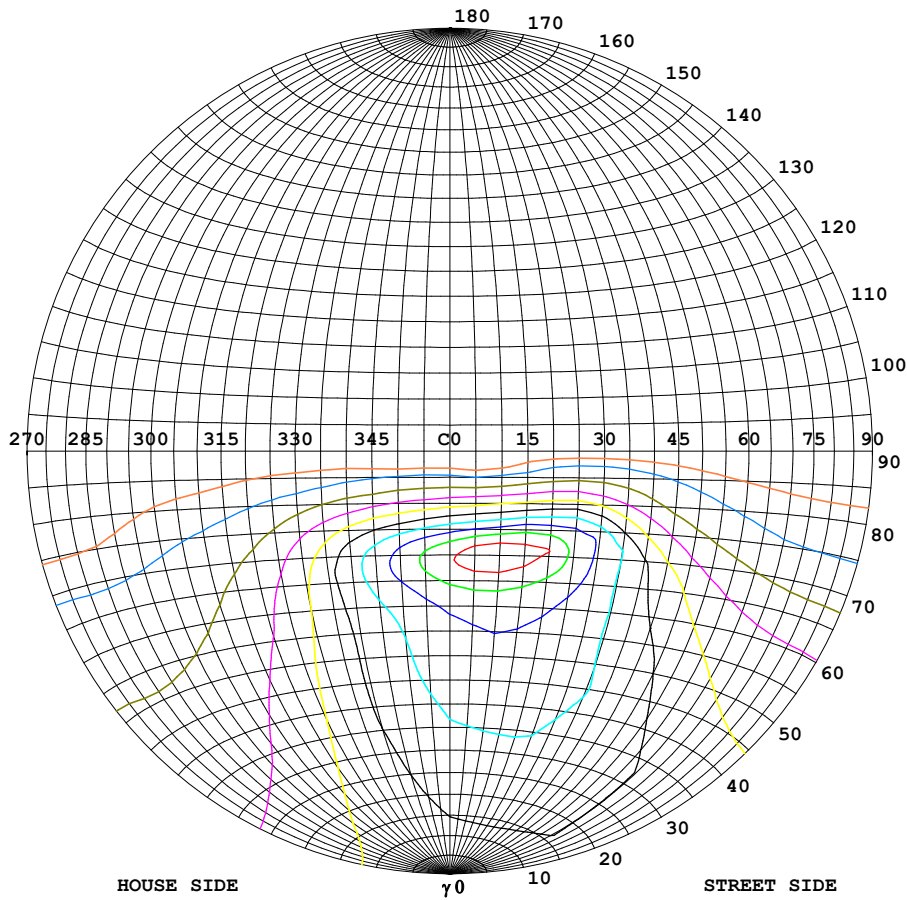
DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.12 lm/W			
MODEL		I _{max} (cd)	29453	η street_up (%)	0.0
NOMINAL POWER (W)	480	LOR (%)	100.0	η street_down (%)	59.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	66394	η house_up (%)	0.0
NOMINAL FLUX (lm)	66394.1	MAXIMUM @ (C, γ)	170,68.5	η house_down (%)	40.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	26.957



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-08

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.800m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

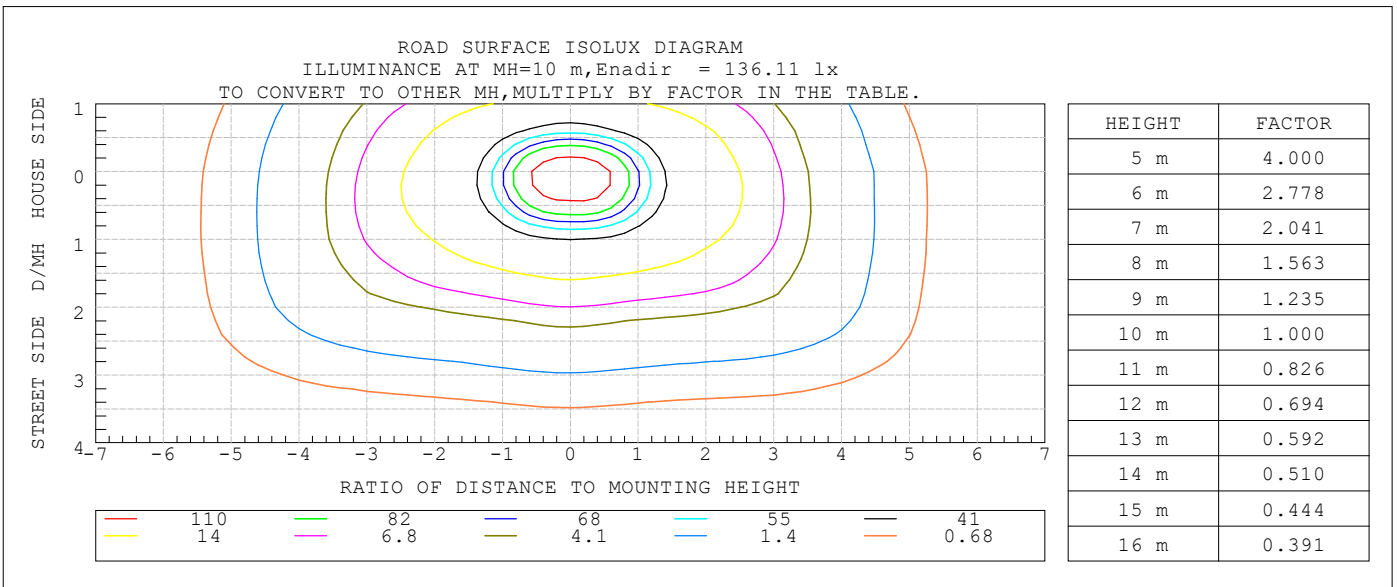
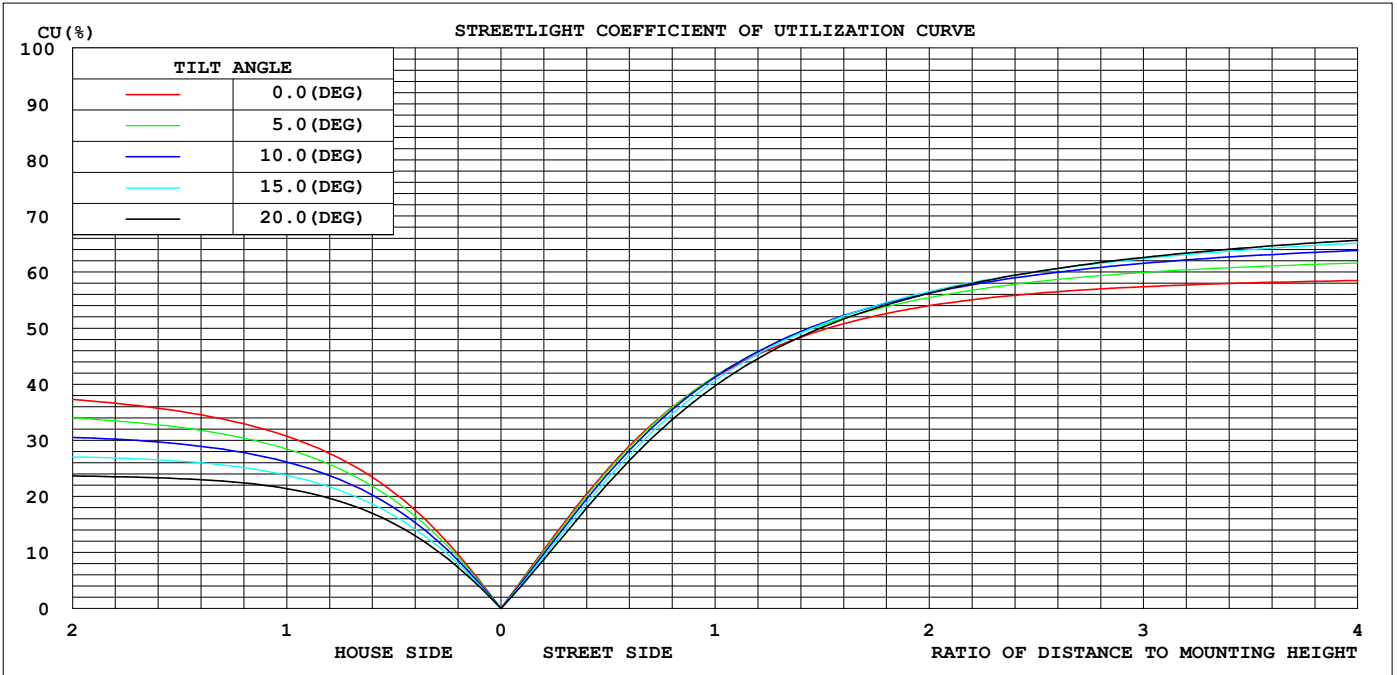
IES:Type III - Medium
 CIE:Average - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:197.0cd/klm
 Max.At90:1.565cd/klm
 Max.80-90:197.0cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	29453
90%	26508
80%	23562
70%	20617
60%	17672
50%	14726
40%	11781
30%	8836
20%	5891
10%	2945
5%	1473

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-08

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.800m [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:2023-12-08

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

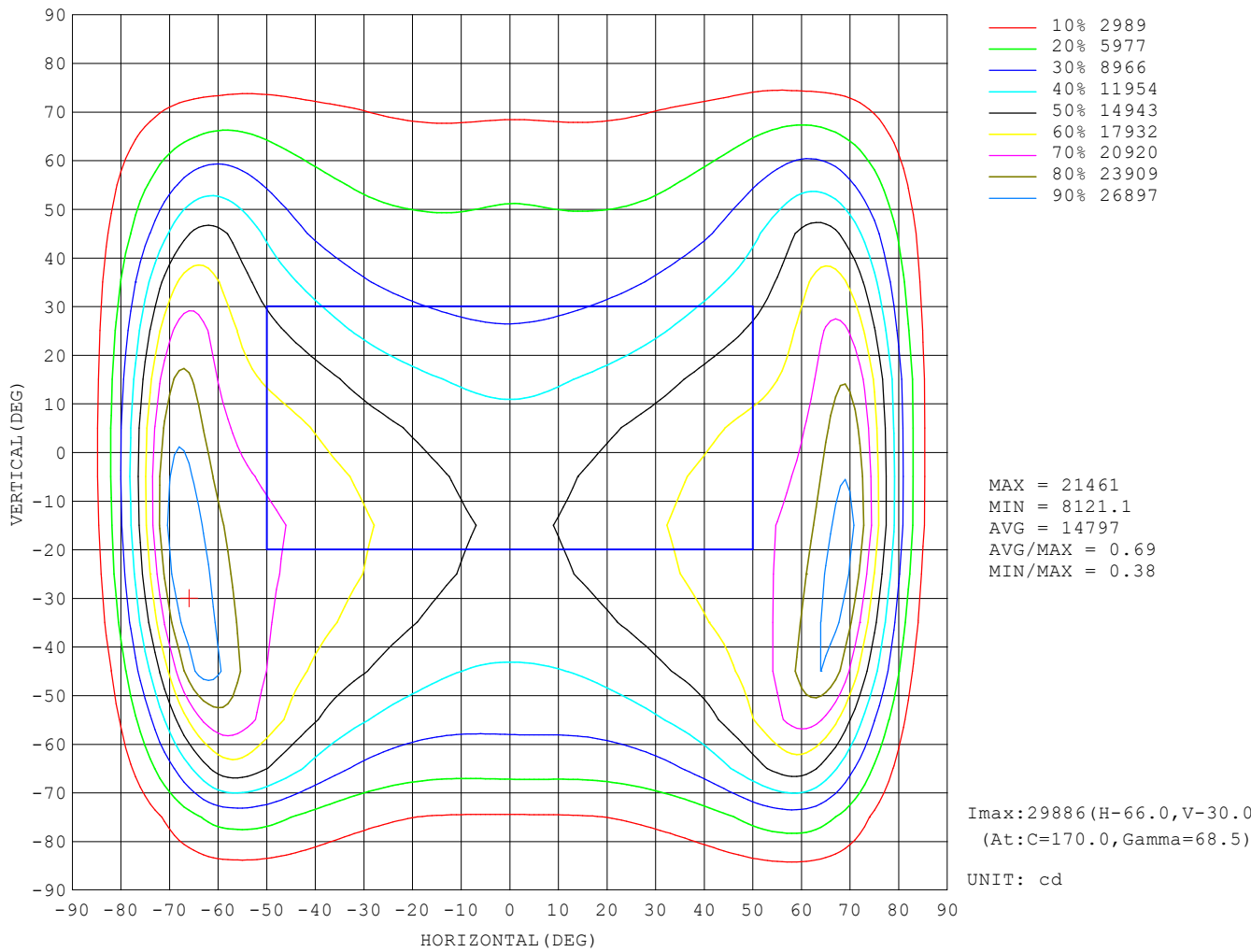
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1416	1430	1422	1444	1429	1280	1209	1276	0- 10	1295	1295	1.95,1.95
20	1550	1550	1432	1581	1571	1209	1026	1213	10- 20	3903	5198	7.83,7.83
30	1684	1606	1393	1653	1716	1092	812.1	1100	20- 30	6399	11597	17.5,17.5
40	1813	1643	1243	1708	1868	959.0	708.5	973.2	30- 40	8599	20196	30.4,30.4
50	1937	1569	1077	1652	2014	848.7	608.5	853.3	40- 50	10390	30586	46.1,46.1
60	2120	1437	897.0	1542	2265	716.6	512.3	716.7	50- 60	11583	42169	63.5,63.5
70	2608	1187	483.9	1301	2643	535.7	258.5	535.8	60- 70	12530	54699	82.4,82.4
80	1055	517.2	187.3	543.4	915.3	225.1	88.06	227.4	70- 80	9327	64026	96.4,96.4
90	5.756	7.093	7.092	5.833	5.579	2.695	1.136	2.914	80- 90	2368	66394	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:X10cd									UNIT:lm		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-08

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

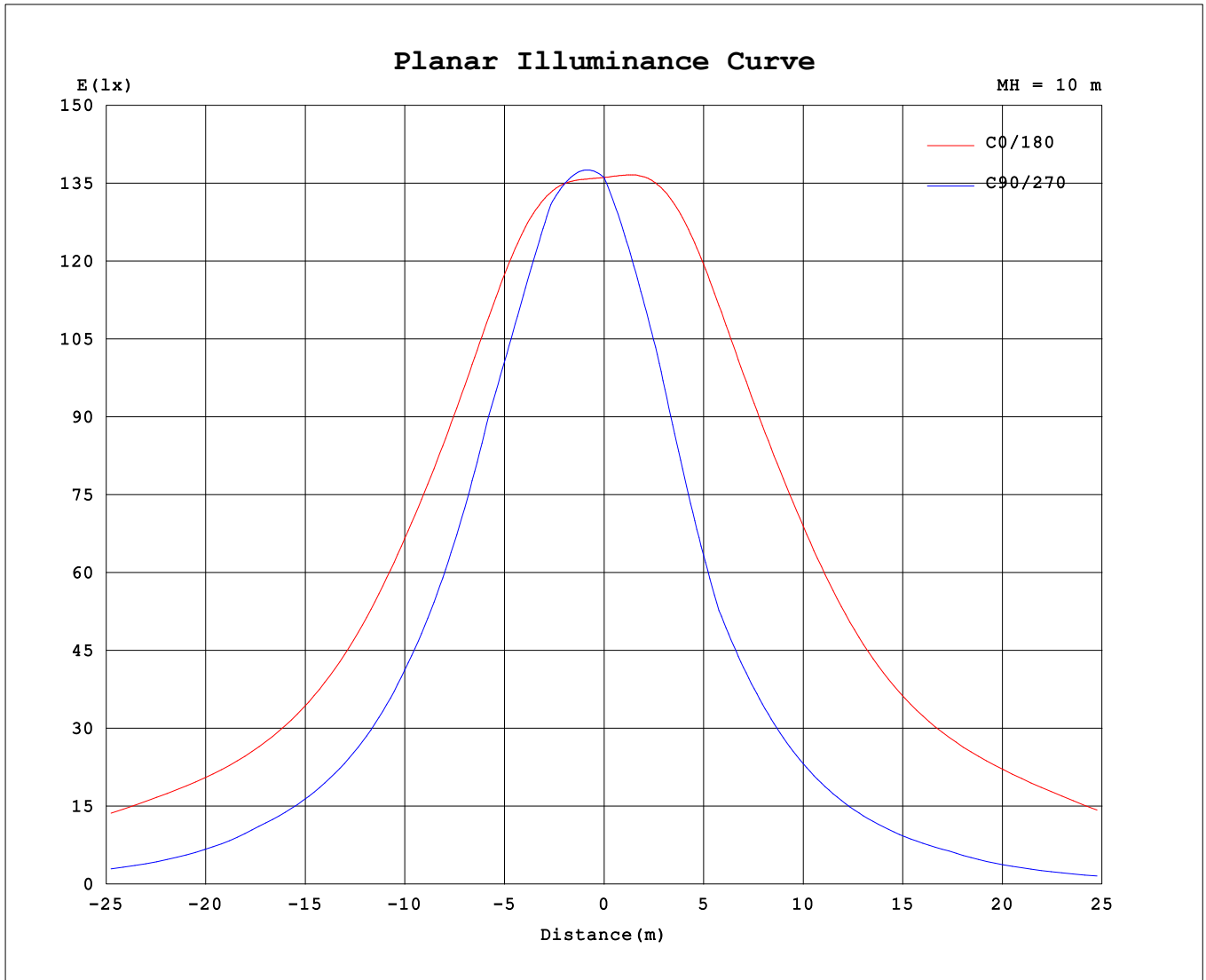
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-08

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.800m [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:2023-12-08

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

LCS REPORT

Test:U:121.81V I:3.9173A P:473.82W PF:0.9992 Freq:60.00Hz		
Lamp Flux:66394.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-08

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

BUG REPORT

Test:U:121.81V I:3.9173A P:473.82W PF:0.9992 Freq:60.00Hz Lamp Flux:66394.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	6411.3	9.7
FM - Front-Medium(30-60)	18279	27.5
FH - Front-High(60-80)	13549	20.4
FVH - Front-Very High(80-90)	1534.9	2.3
Total Forward Light	39774	59.9

BL - Back-Low(0-30)	5185.8	7.8
BM - Back-Medium(30-60)	12292	18.5
BH - Back-High(60-80)	8308.4	12.5
BVH - Back-Very High(80-90)	833.45	1.3
Total Back Light	26620	40.1

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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	26620	0	26620
Street Side	39774	0	39774

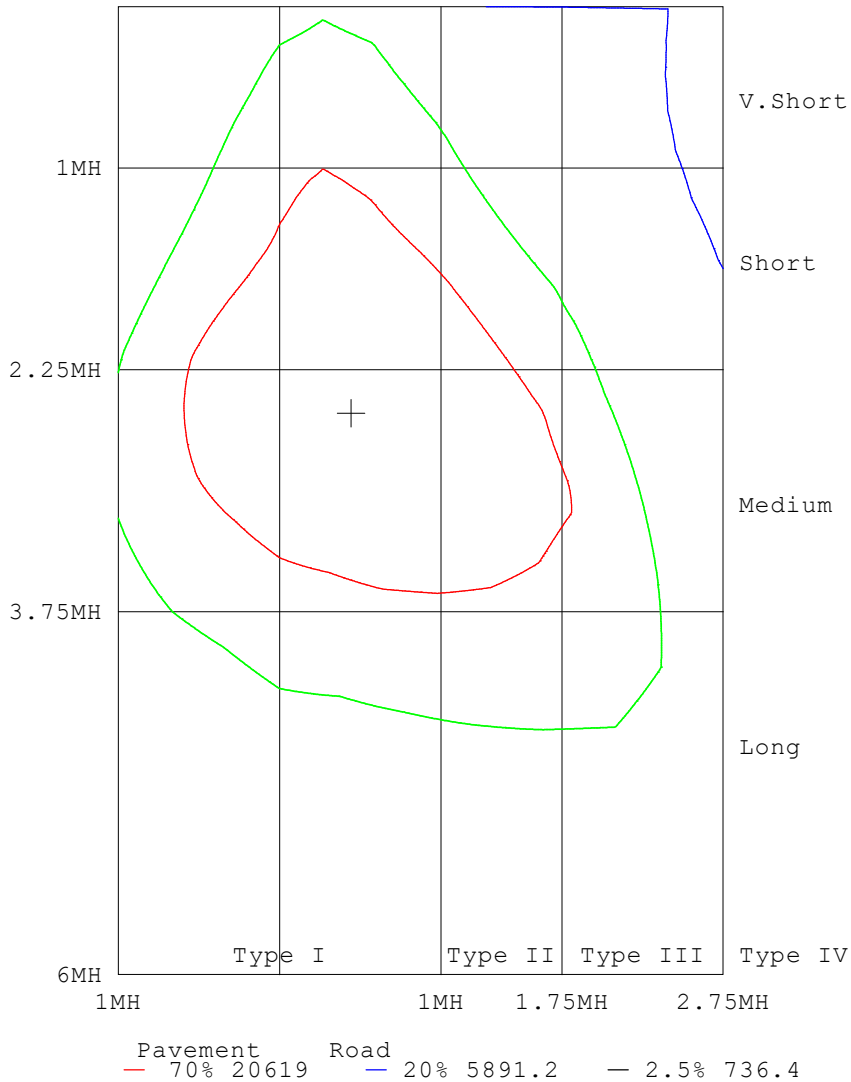
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-08

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.81V I:3.9173A P:473.82W PF:0.9992 Freq:60.00Hz Lamp Flux:66394.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-08

50% 14728
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.800m [K=1.0000]
Remarks:

