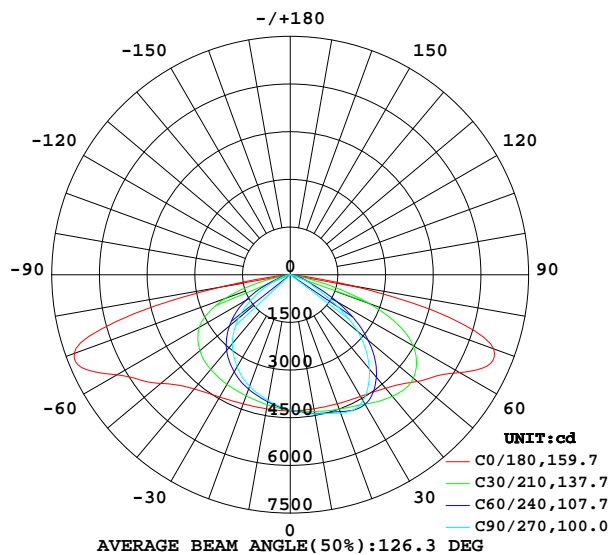
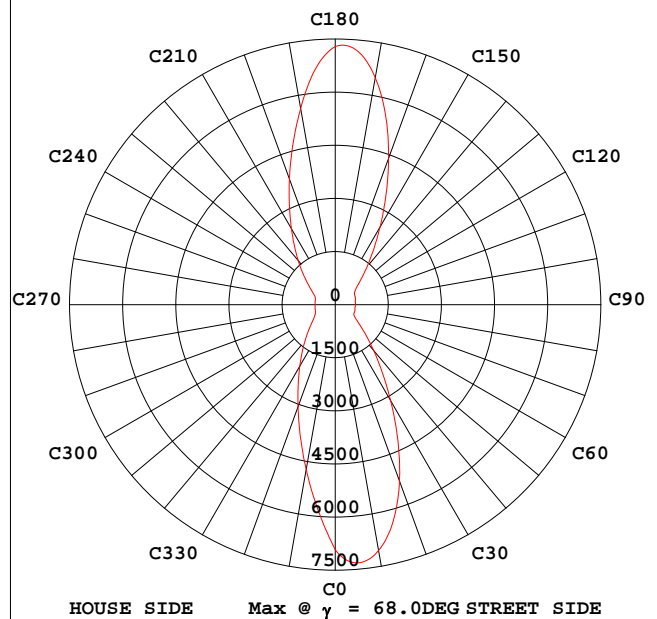


## STREETLIGHT PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.00 lm/W			
MODEL ZGSM-LD120LMX 2M 5050		Imax(cd)	7288	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	$\eta$ street_down(%)	54.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16200	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	16200	MAXIMUM @ (C, $\gamma$ )	180,68.0	$\eta$ house_down(%)	45.4
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220.1	$\eta$ down(%)	100.0	SLI	24.687

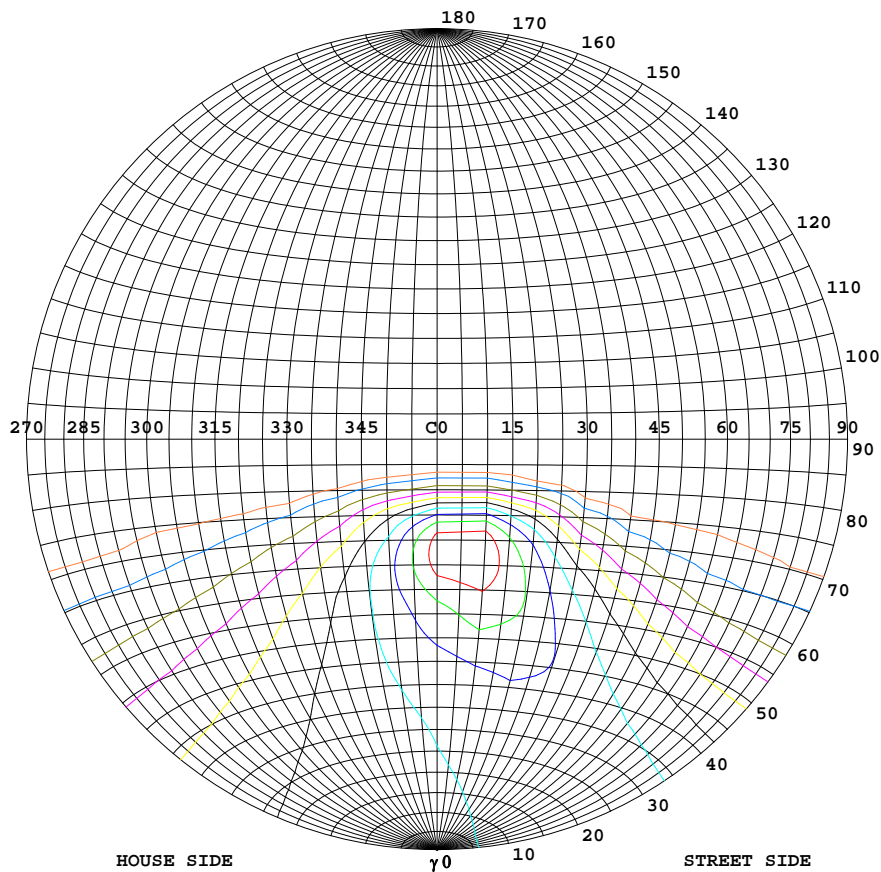
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



Classification:

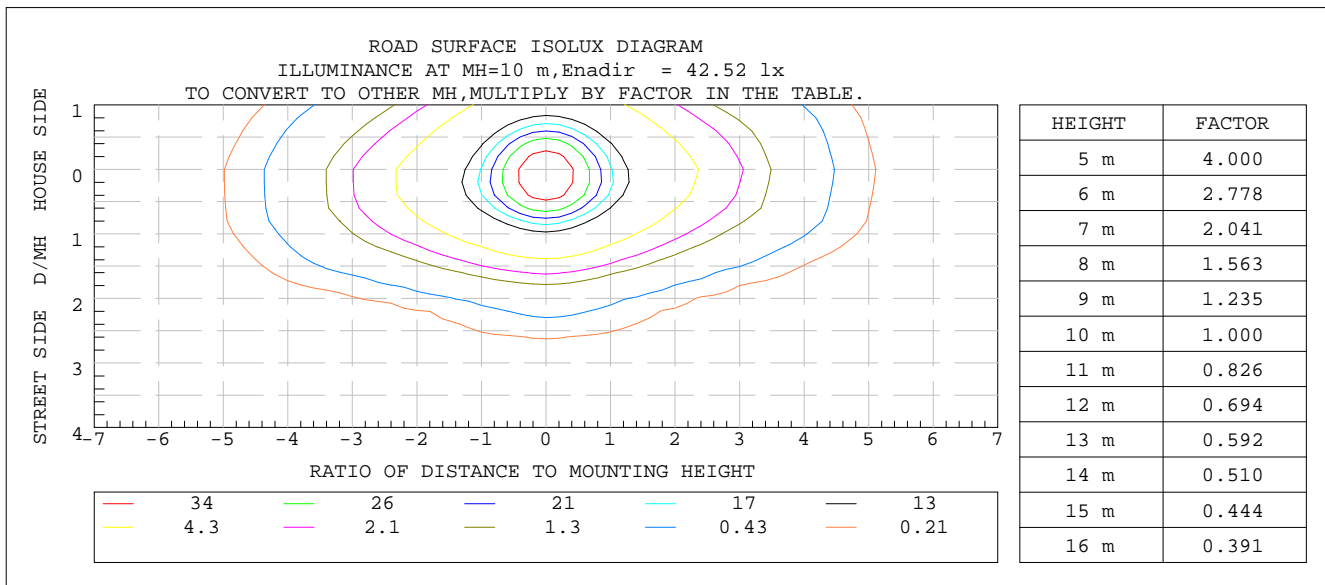
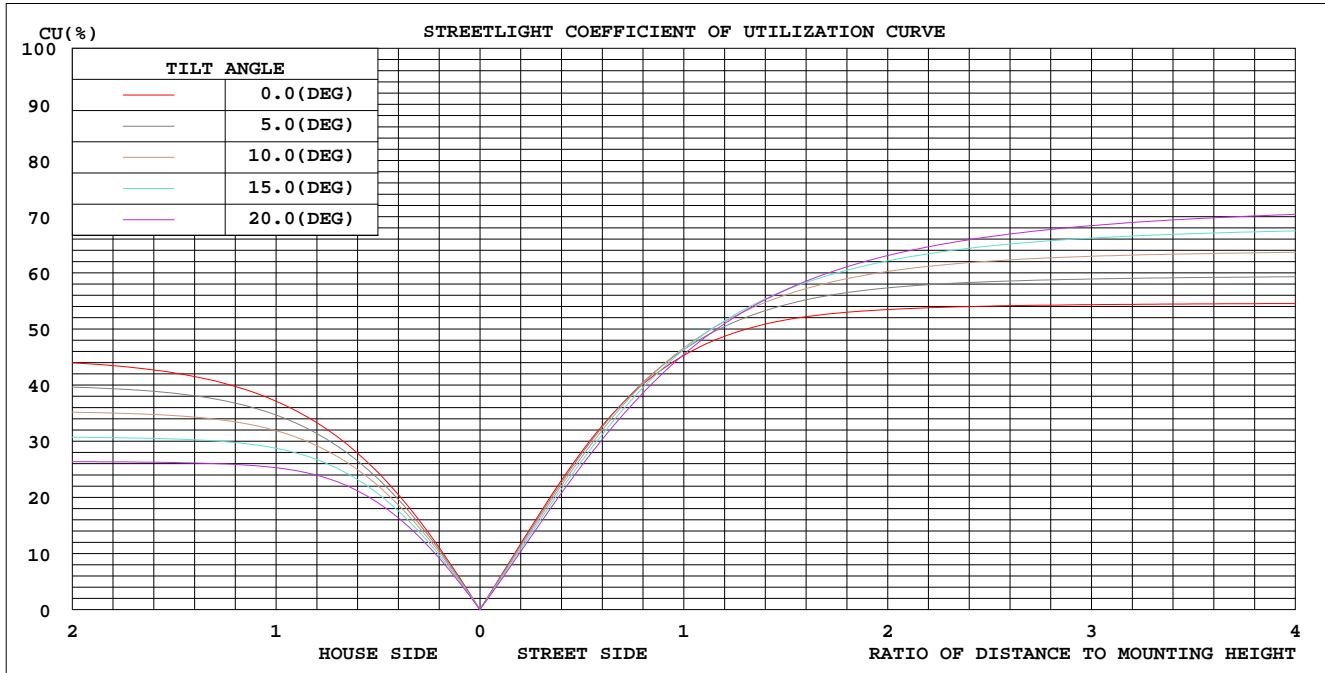
IES:Type II - Medium  
 CIE:Narrow - Intermediate  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:136.4cd/klm  
 Max.At90:0.9271cd/klm  
 Max.80-90:136.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7288
90%	6559
80%	5830
70%	5101
60%	4373
50%	3644
40%	2915
30%	2186
20%	1458
10%	729
5%	364

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

### COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

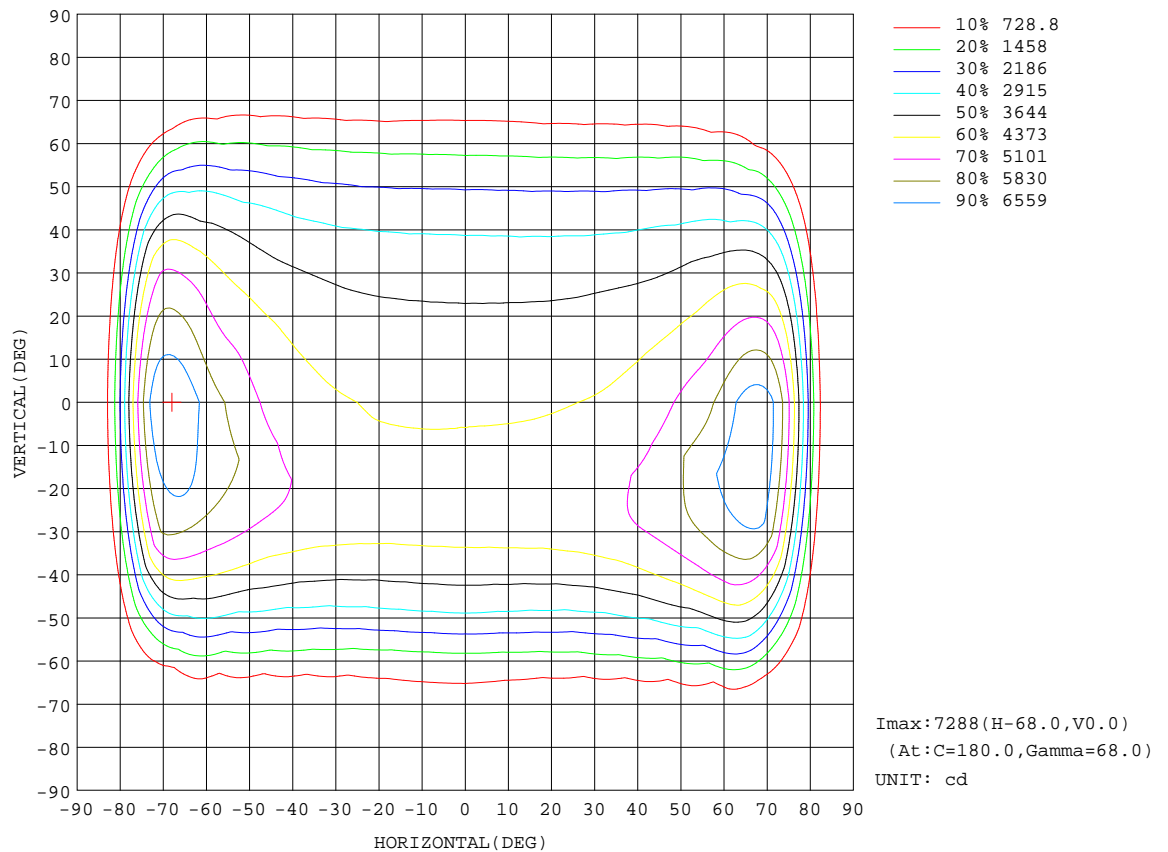
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	4282	4405	4446	4389	4284	4103	4020	4086	0- 10	406.0	406.0	2.51,2.51
20	4320	4541	4632	4536	4323	3930	3739	3923	10- 20	1202	1608	9.92,9.92
30	4421	4752	4579	4740	4443	3738	3343	3701	20- 30	1960	3568	22,22
40	4662	4647	3870	4522	4696	3456	2836	3376	30- 40	2588	6156	38,38
50	5225	4005	2768	3774	5321	3004	2126	2847	40- 50	2970	9126	56.3,56.3
60	6159	2769	1192	2469	6301	2278	1182	2041	50- 60	2984	12110	74.8,74.8
70	6804	959.5	380.5	811.4	7229	1089	413.6	879.1	60- 70	2541	14651	90.4,90.4
80	1879	140.0	90.37	150.4	2210	179.2	125.4	166.3	70- 80	1424	16075	99.2,99.2
90	14.40	5.723	2.355	3.316	13.66	5.572	2.745	6.442	80- 90	125.2	16200	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		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

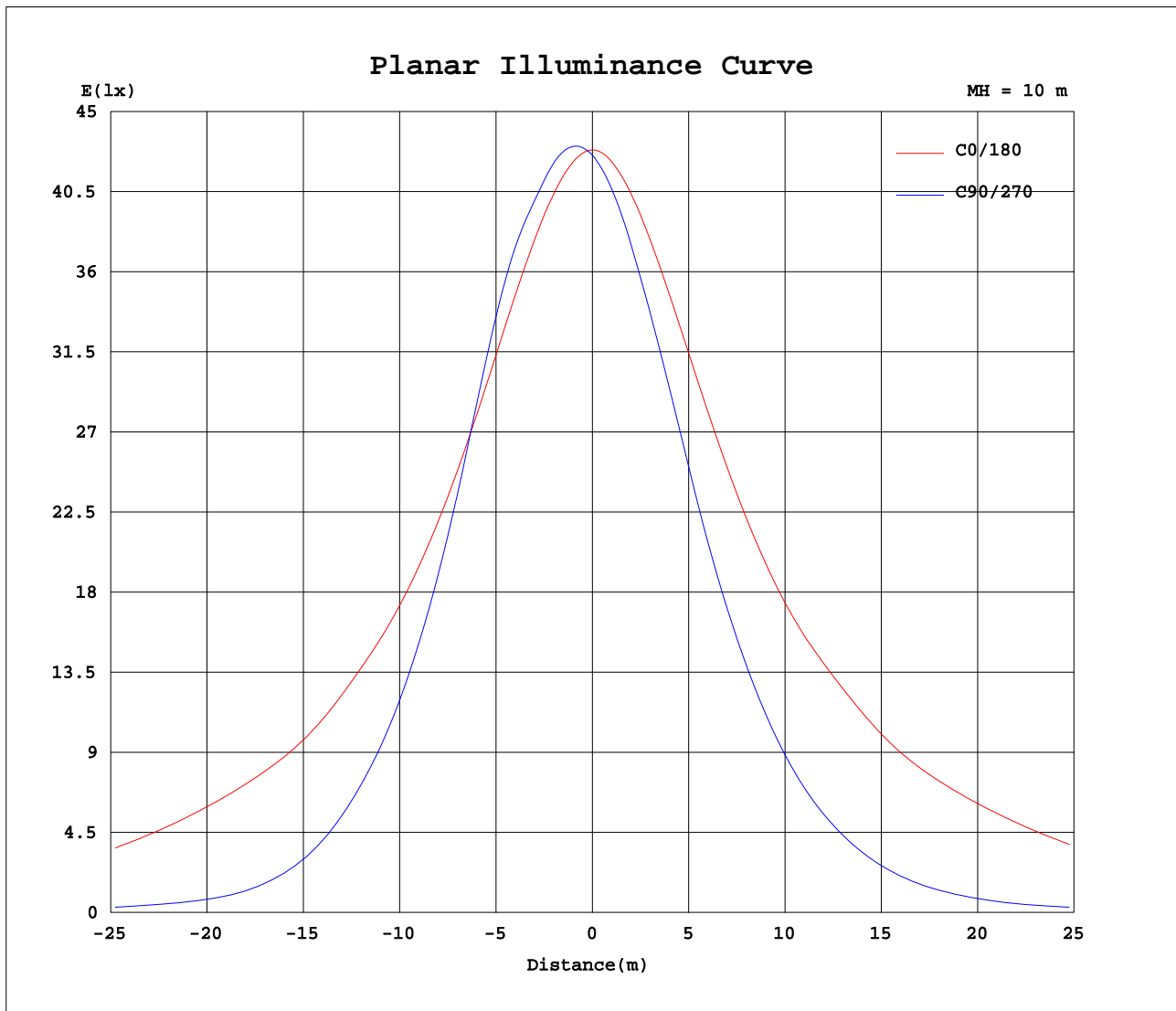
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 10.480m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



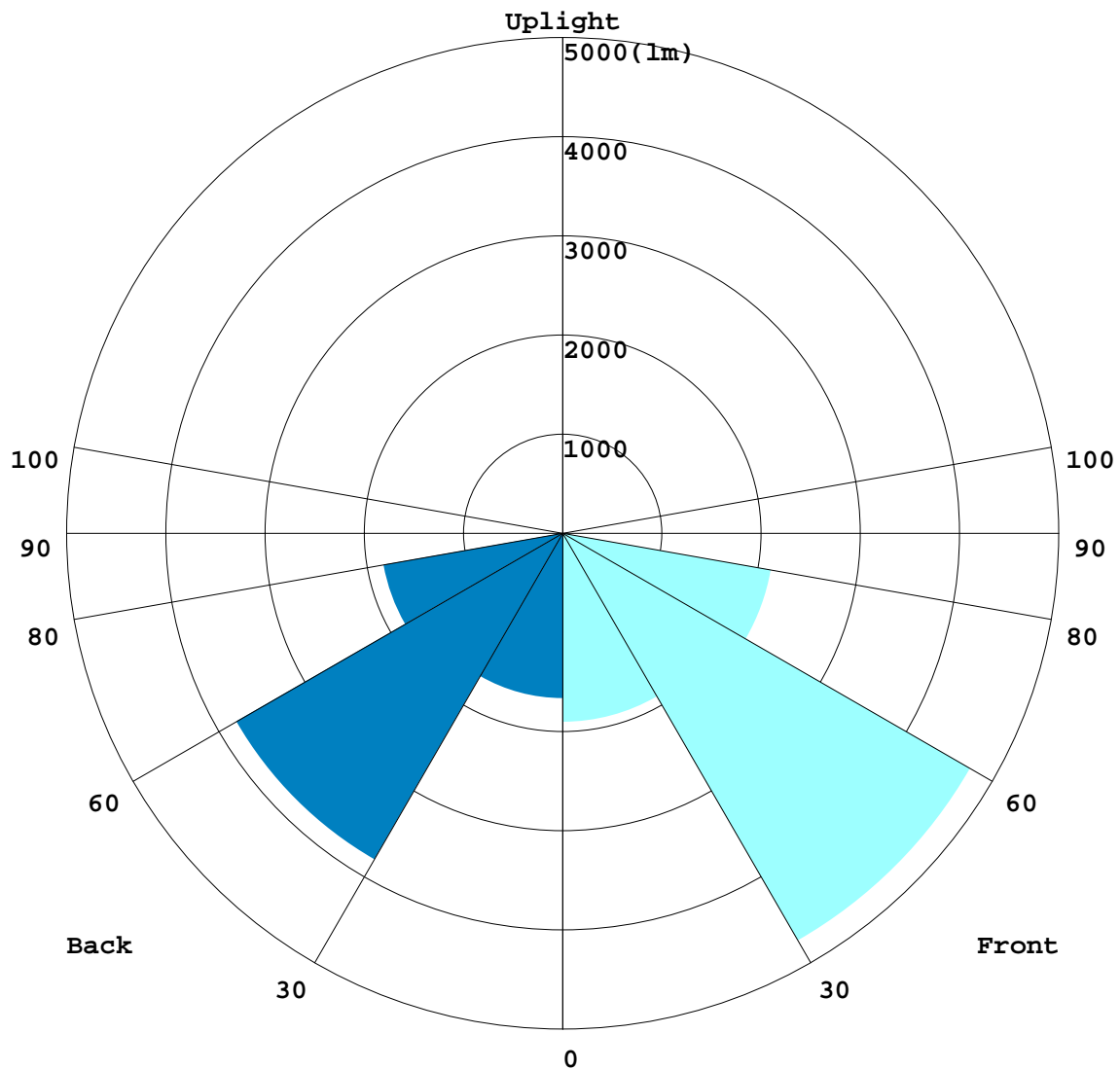
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

LCS REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

### BUG REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1903.2	11.7
FM - Front-Medium(30-60)	4744.8	29.3
FH - Front-High(60-80)	2132.2	13.2
FVH - Front-Very High(80-90)	61.481	0.4
Total Forward Light	8841.7	54.6

BL - Back-Low(0-30)	1664.8	10.3
BM - Back-Medium(30-60)	3797	23.4
BH - Back-High(60-80)	1832.9	11.3
BVH - Back-Very High(80-90)	63.769	0.4
Total Back Light	7358.4	45.4

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7358.4	0	7358.4
Street Side	8841.7	0	8841.7

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

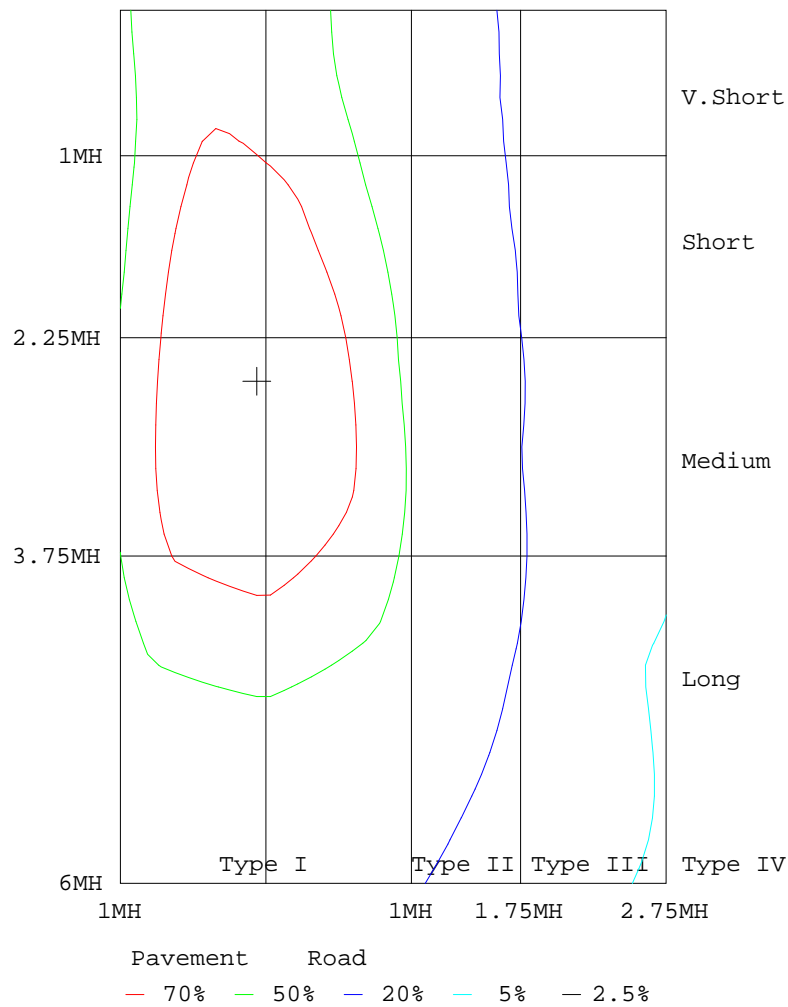
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:



