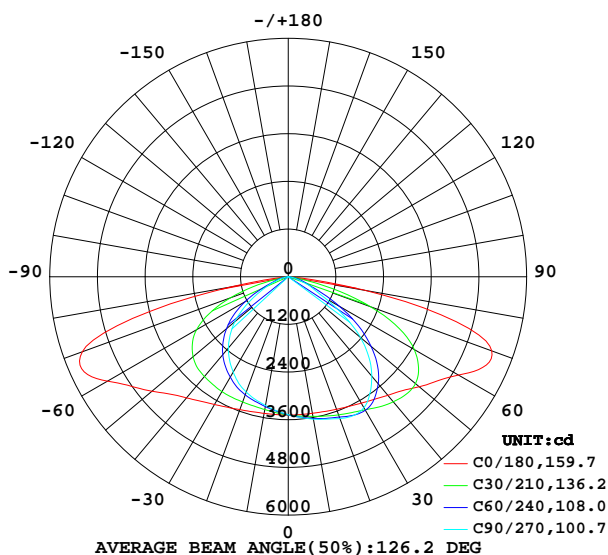
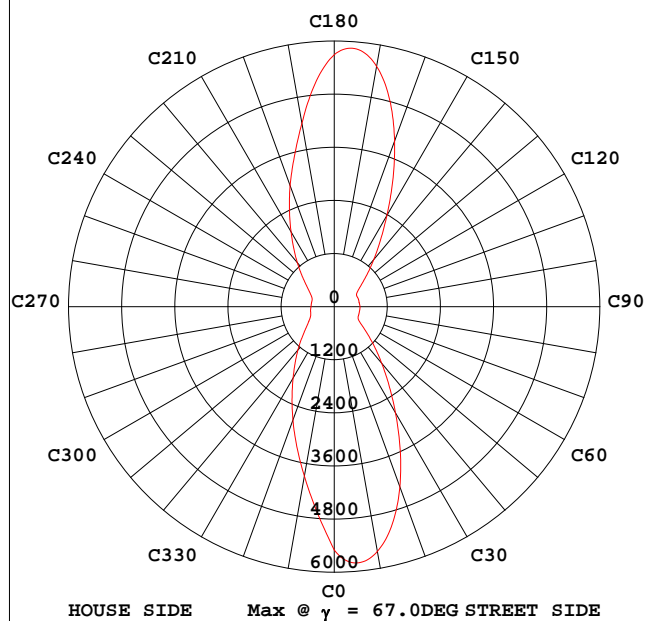


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.57 lm/W			
MODEL	ZGSM-LD90KM 5050 2M	Imax(cd)	5692	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	99.7	η street_down(%)	55.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	13461	η house_up(%)	0.0
NOMINAL FLUX(lm)	13500	MAXIMUM @ (C, γ)	180,67.0	η house_down(%)	44.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220.1	η down(%)	99.7	SLI	24.699

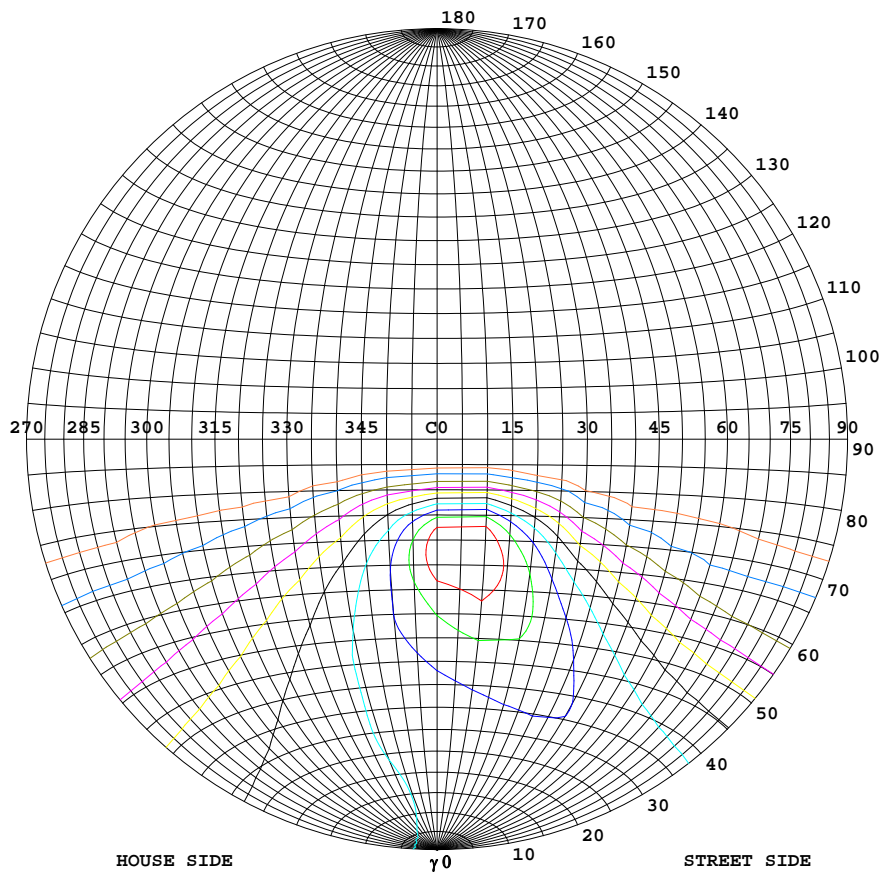
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017

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:

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	Shielding Angle:



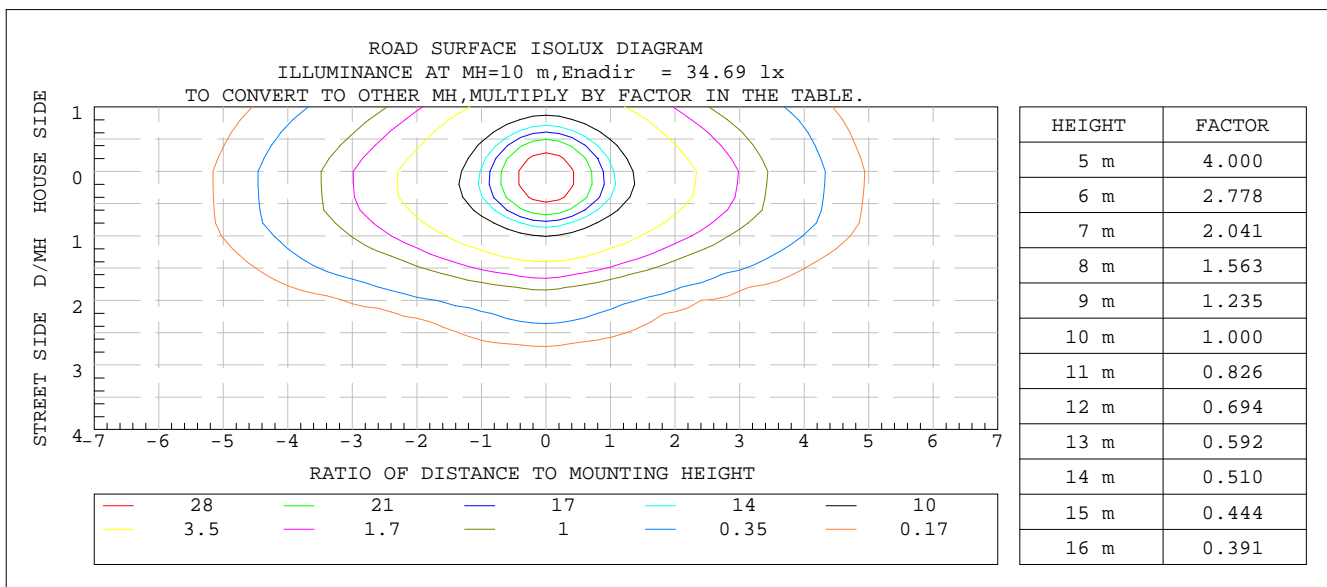
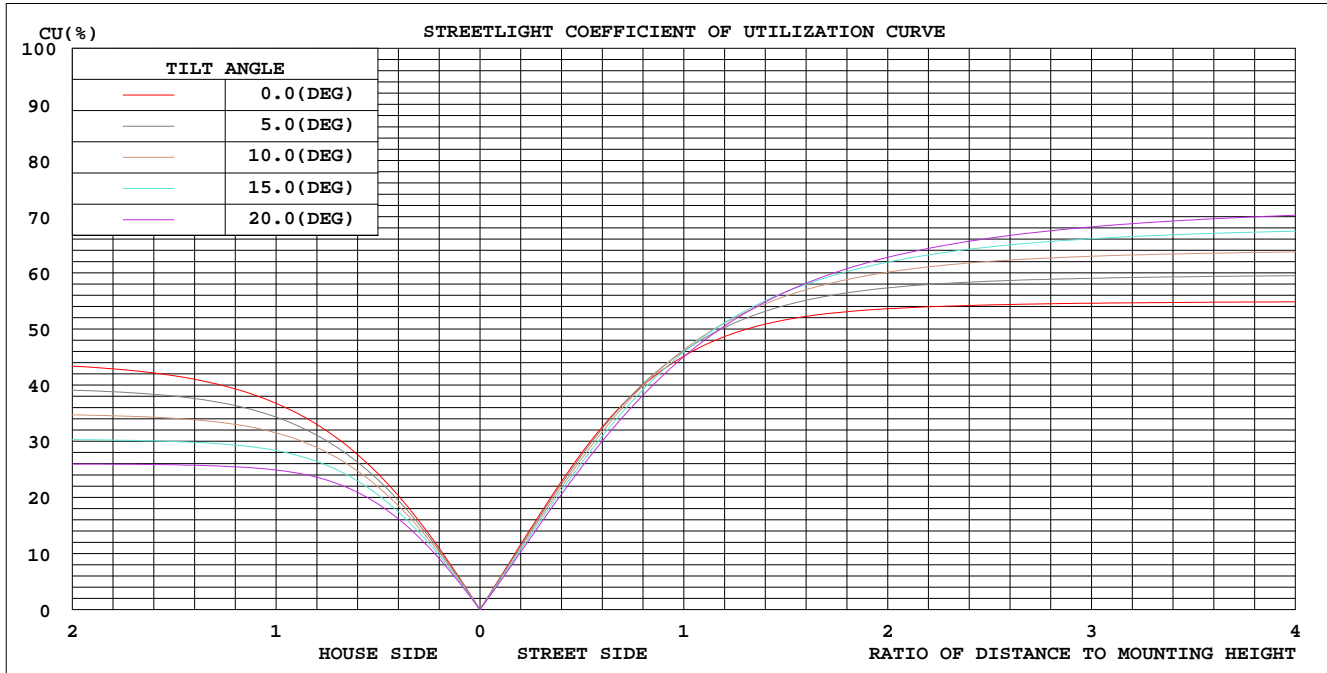
Classification:

IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:147.2cd/klm
 Max.At90:0.8328cd/klm
 Max.80-90:147.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5692
90%	5123
80%	4554
70%	3985
60%	3415
50%	2846
40%	2277
30%	1708
20%	1138
10%	569
5%	285

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017

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:

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

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:

ZONAL FLUX DIAGRAM

NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	Shielding Angle:

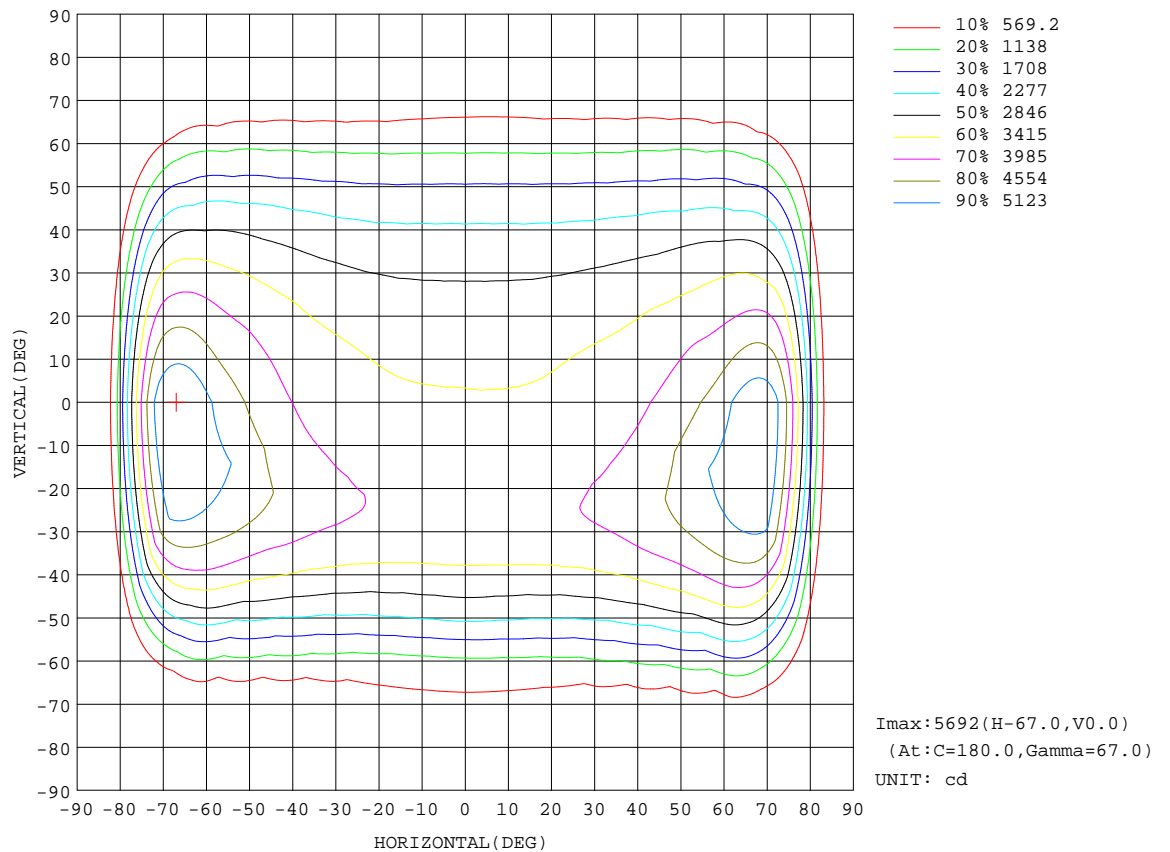
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	3491	3600	3640	3593	3492	3354	3293	3346	0- 10	331.5	331.5	2.46,2.46
20	3549	3731	3797	3749	3560	3252	3091	3246	10- 20	987.4	1319	9.8,9.77
30	3673	3905	3807	3951	3713	3106	2771	3086	20- 30	1623	2942	21.9,21.8
40	3897	3858	3272	3851	3980	2879	2346	2840	30- 40	2162	5104	37.9,37.8
50	4306	3368	2371	3275	4482	2485	1747	2421	40- 50	2499	7604	56.5,56.3
60	4950	2353	1055	2154	5255	1796	961.2	1745	50- 60	2506	10109	75.1,74.9
70	5448	906.1	375.6	710.5	5514	770.2	355.2	790.3	60- 70	2089	12199	90.6,90.4
80	1920	174.4	97.91	133.6	1430	133.4	59.99	171.3	70- 80	1154	13352	99.2,98.9
90	9.787	3.121	1.414	2.791	11.24	4.859	1.894	4.500	80- 90	108.7	13461	100,99.7
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

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:

ISOCANDELA DIAGRAM

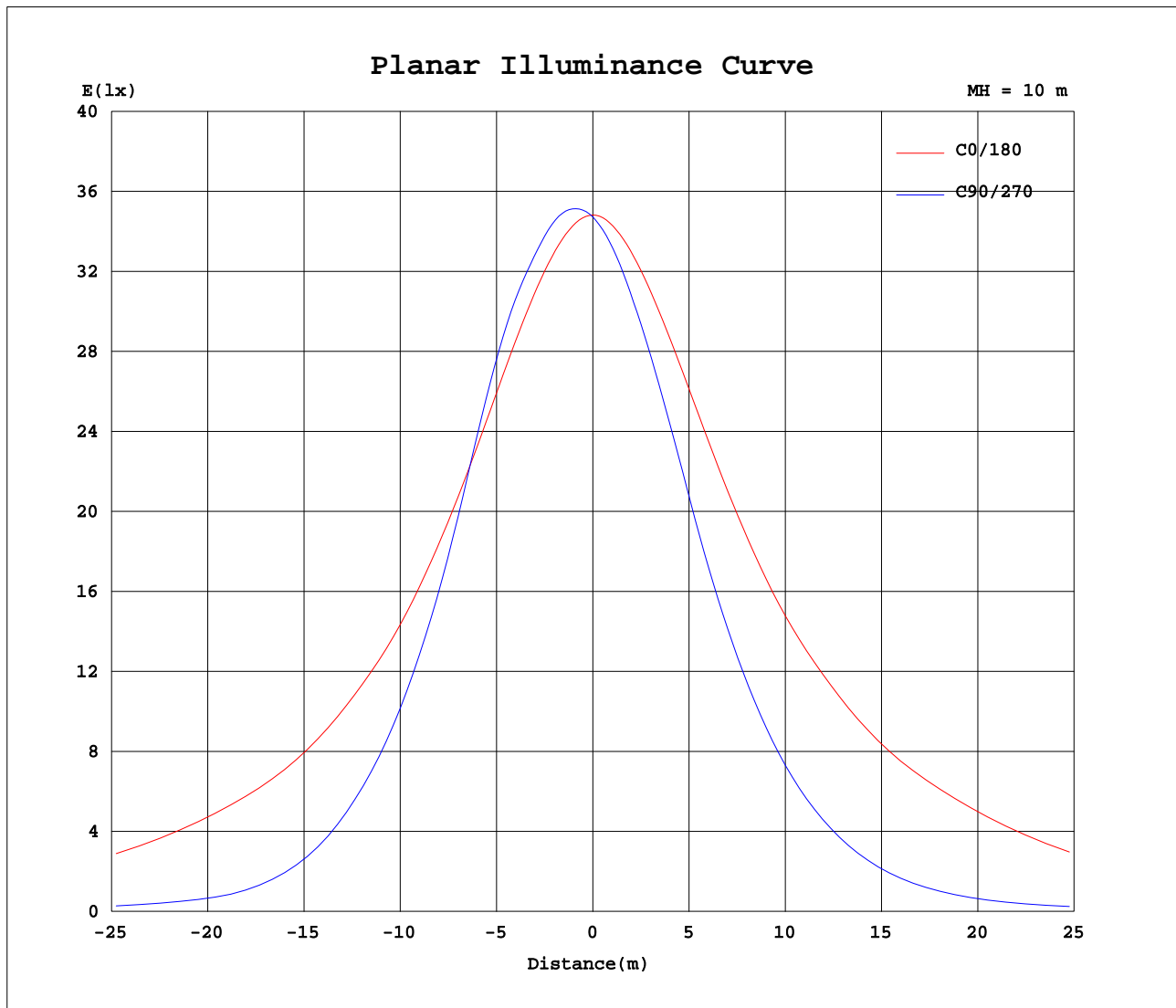
NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017

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:

Planar Illuminance Curve



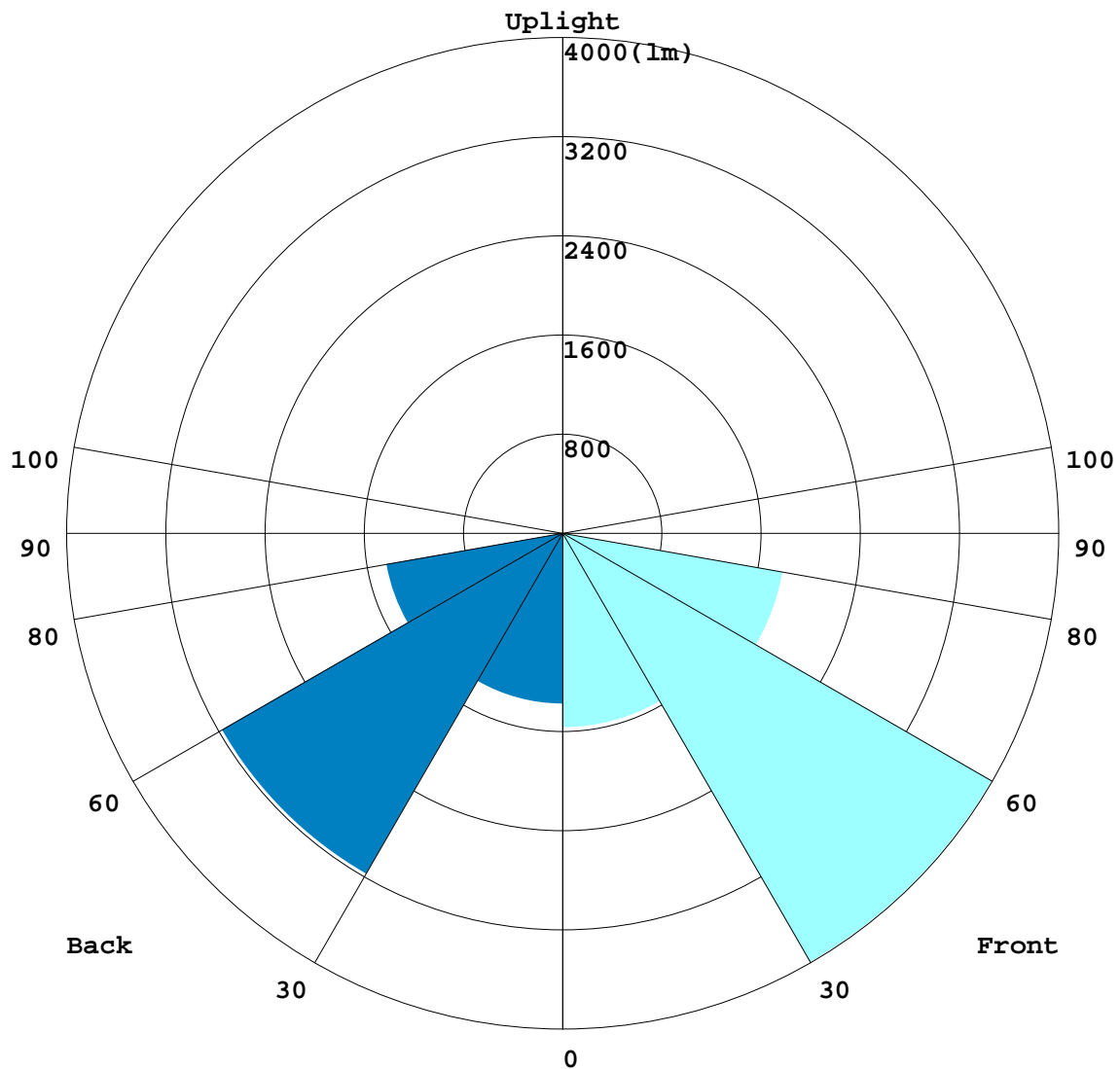
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017

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:

LCS REPORT

NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	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

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:

BUG REPORT

NAME: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1566.7	11.6
FM - Front-Medium(30-60)	3994.7	29.7
FH - Front-High(60-80)	1800.3	13.4
FVH - Front-Very High(80-90)	63.2	0.5
Total Forward Light	7425	55.2

BL - Back-Low(0-30)	1375.3	10.2
BM - Back-Medium(30-60)	3172.7	23.6
BH - Back-High(60-80)	1442.5	10.7
BVH - Back-Very High(80-90)	45.481	0.3
Total Back Light	6036	44.8

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	6036	0	6036
Street Side	7425	0	7425

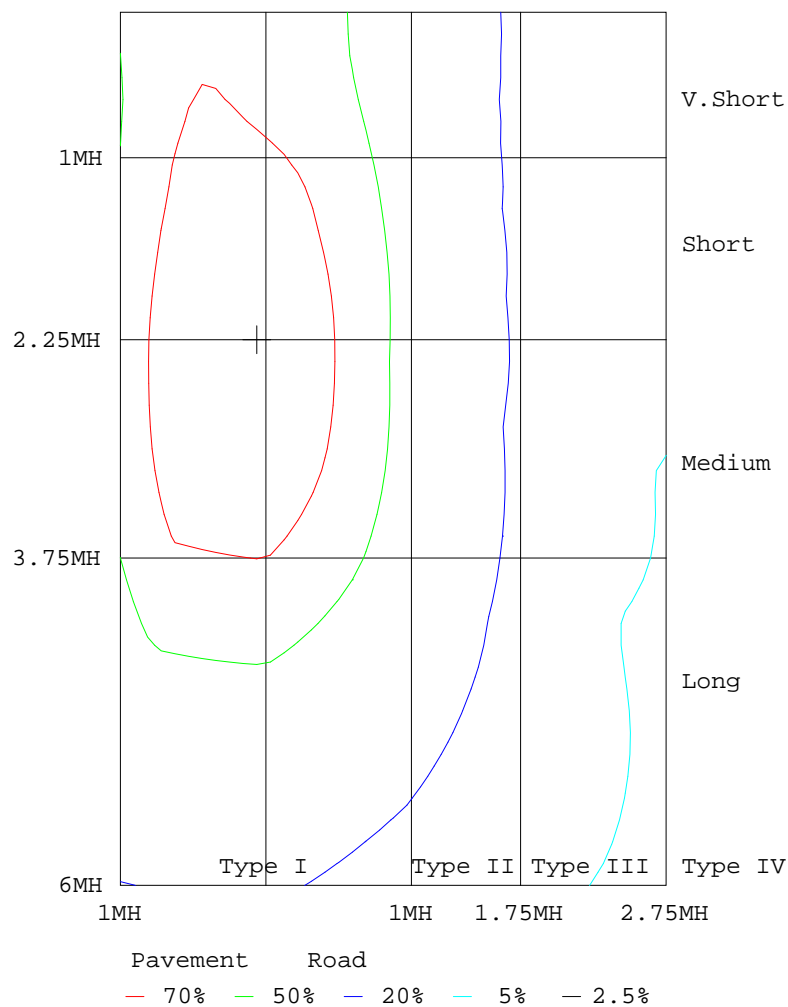
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017

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: LED STREET LIGHTS	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:26cm*17cm	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

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:

E:\ies文件夹\KL KM KS路灯5050 2M 3M\2M\90W 5050 KM.GOS