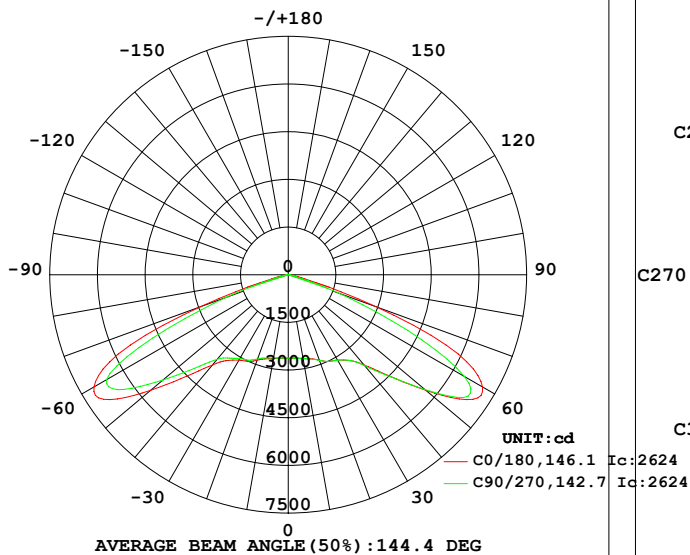
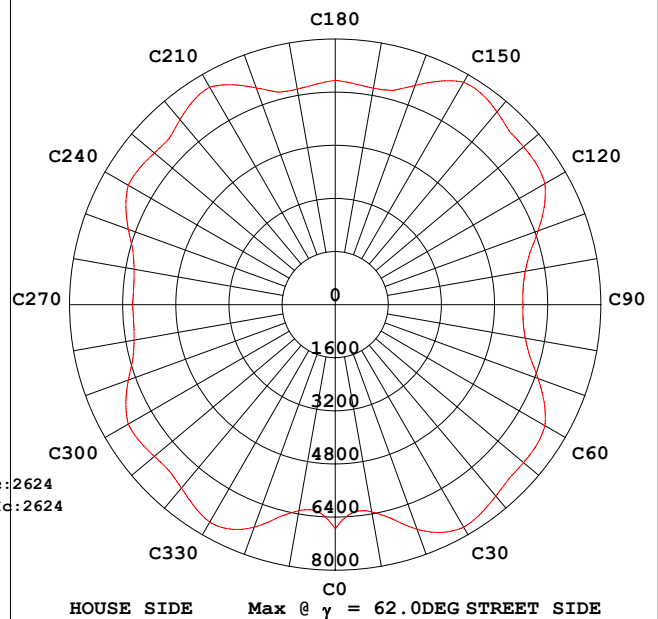


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.14 lm/W			
MODEL	3030	I _{max} (cd)	7738	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	50.0
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	20344	η house_up (%)	0.0
NOMINAL FLUX (lm)	20344.1	MAXIMUM @ (C, γ)	30,62.0	η house_down (%)	50.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	19.052

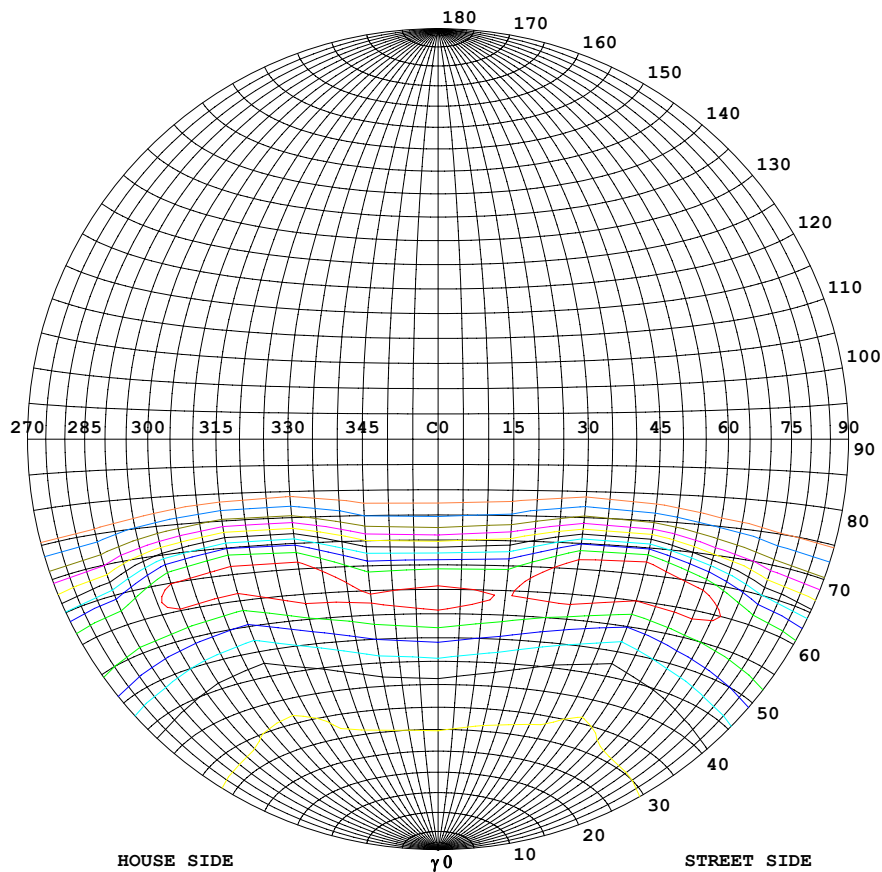
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.1518]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



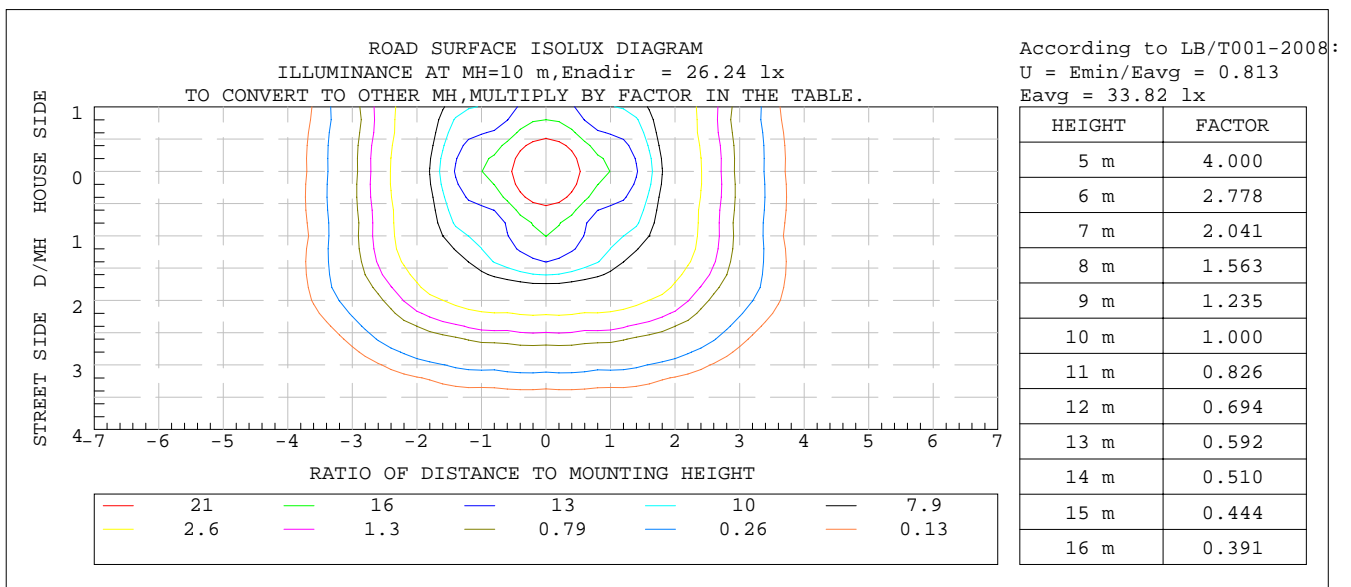
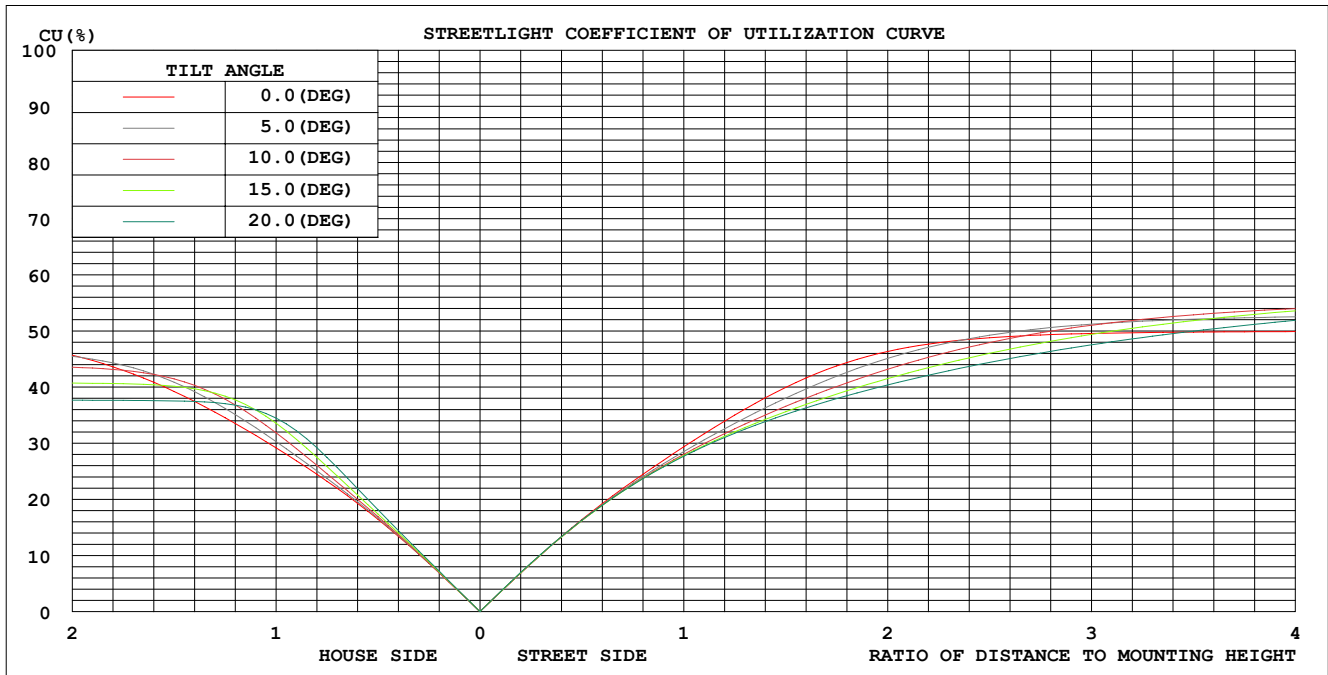
Classification:

IES:Type V - Short
CIE:Broad - Intermediate
IES:Full cut-off
CIE:Full cut-off
Max.At80:13.69cd/klm
Max.At90:0cd/klm
Max.80-90:13.69cd/klm
NRB 5101:Limited[4.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7738
90%	6964
80%	6191
70%	5417
60%	4643
50%	3869
40%	3095
30%	2321
20%	1548
10%	774
5%	387

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.1518]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.1518]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 \times \phi 0.297M$	Shielding Angle:

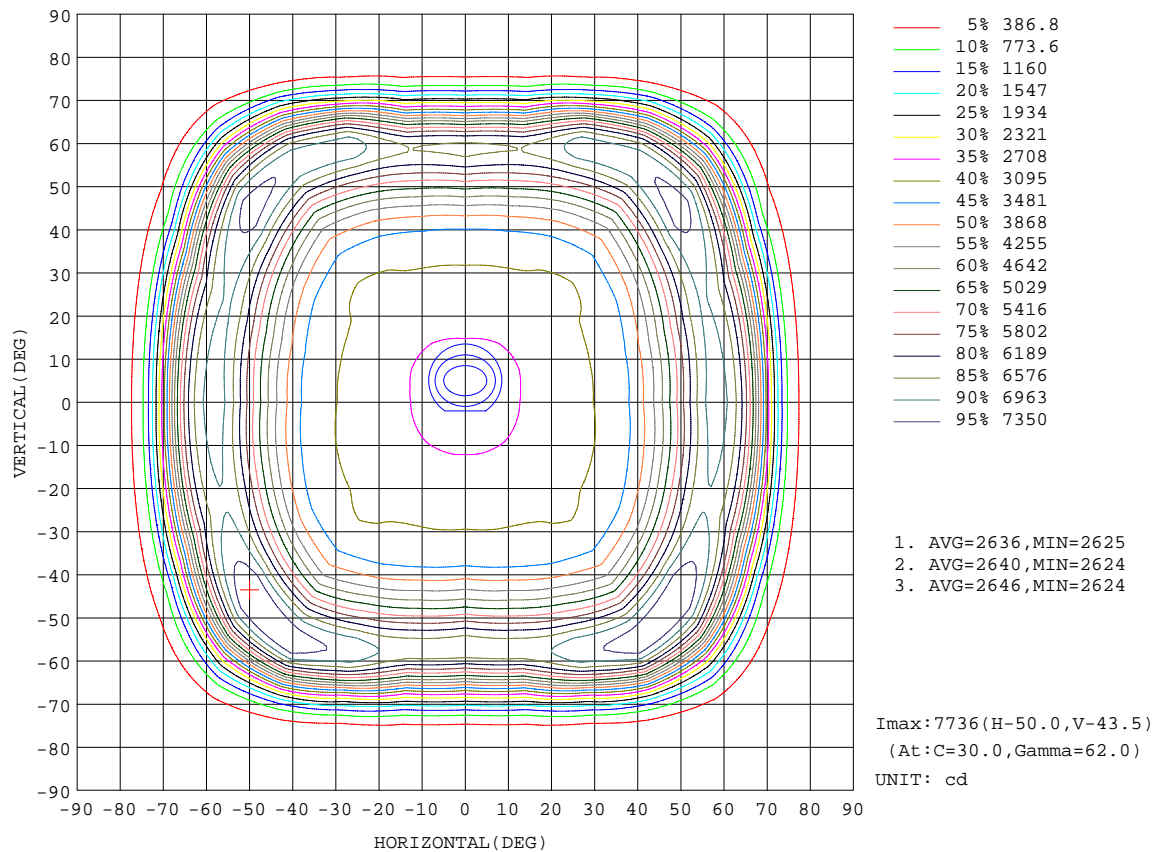
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2676	2676	2682	2676	2676	2658	2661	2658	0- 10	252.6	252.6	1.24,1.24
20	2860	2797	2869	2797	2860	2766	2819	2766	10- 20	776.5	1029	5.06,5.06
30	3104	3056	3107	3056	3104	3068	3047	3068	20- 30	1369	2398	11.8,11.8
40	3708	3214	3729	3214	3708	3230	3472	3230	30- 40	2014	4412	21.7,21.7
50	5655	4245	5618	4245	5655	4217	5156	4217	40- 50	3173	7585	37.3,37.3
60	7051	6965	6392	6965	7051	6675	6602	6675	50- 60	5467	13052	64.2,64.2
70	2924	5268	1648	5268	2924	5353	2058	5353	60- 70	5841	18893	92.9,92.9
80	217.9	149.1	100.4	149.1	217.9	204.1	115.0	204.1	70- 80	1388	20282	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	62.59	20344	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: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.1518]
 Remarks:

ISOCANDELA DIAGRAM

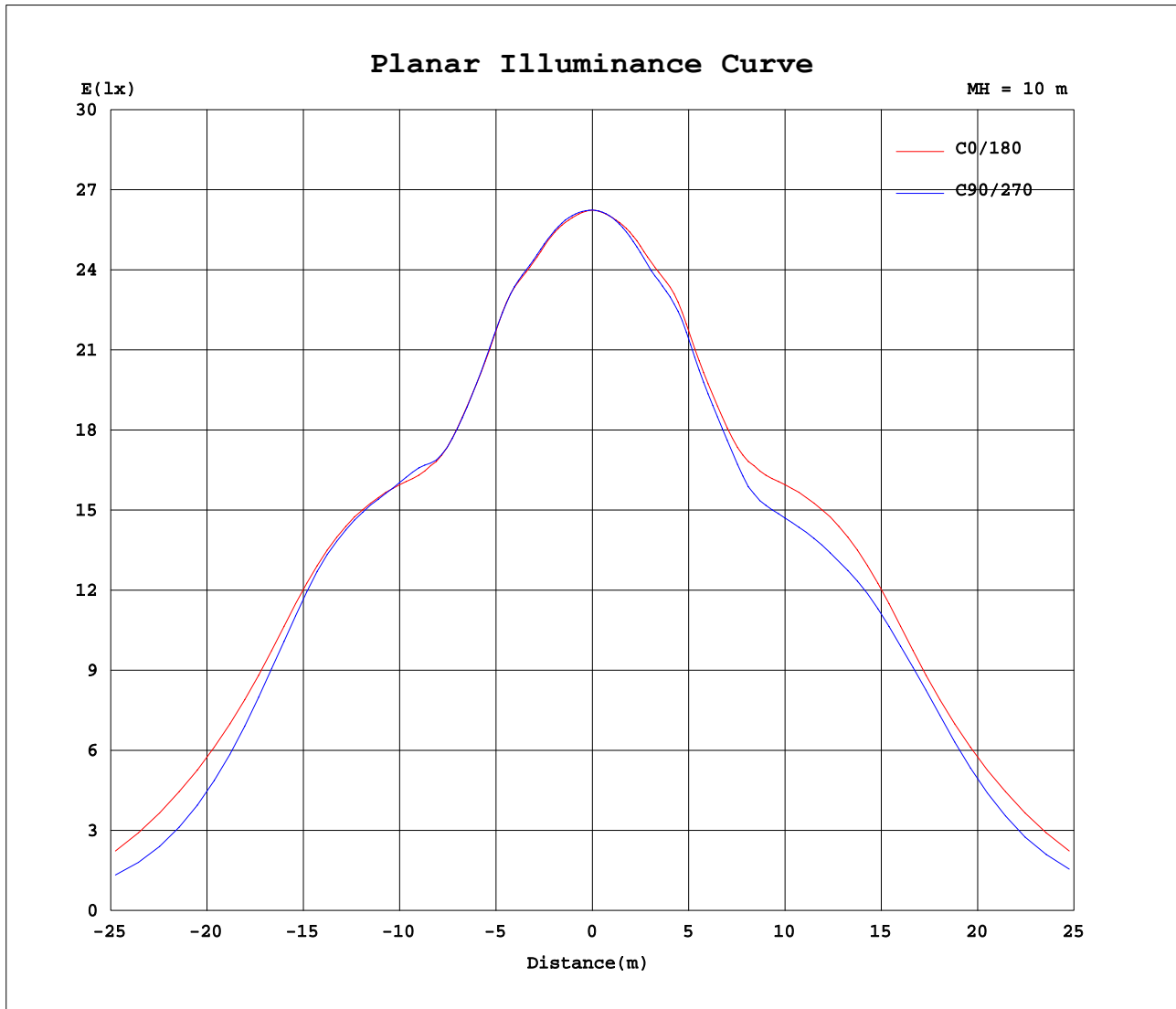
Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.1518]
Remarks:

Planar Illuminance Curve



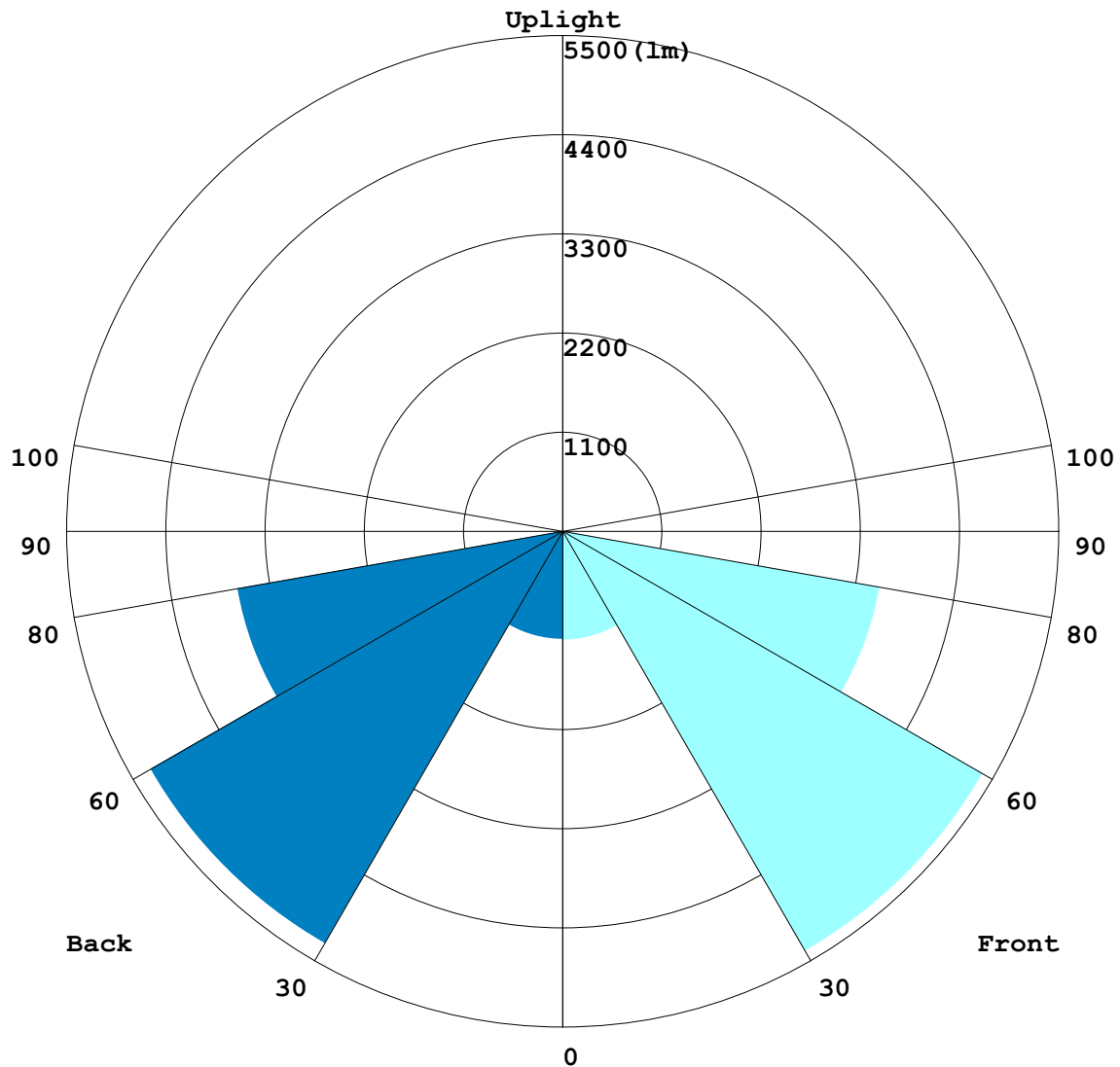
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.1518]
Remarks:

LCS REPORT

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.1518]
Remarks:

BUG REPORT

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1203.8	5.9
FM - Front-Medium(30-60)	5376.3	26.4
FH - Front-High(60-80)	3567	17.5
FVH - Front-Very High(80-90)	29.303	0.1
Total Forward Light	10176	50.0

BL - Back-Low(0-30)	1194.4	5.9
BM - Back-Medium(30-60)	5278	25.9
BH - Back-High(60-80)	3662.1	18.0
BVH - Back-Very High(80-90)	33.285	0.2
Total Back Light	10168	50.0

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	10168	0	10168
Street Side	10176	0	10176

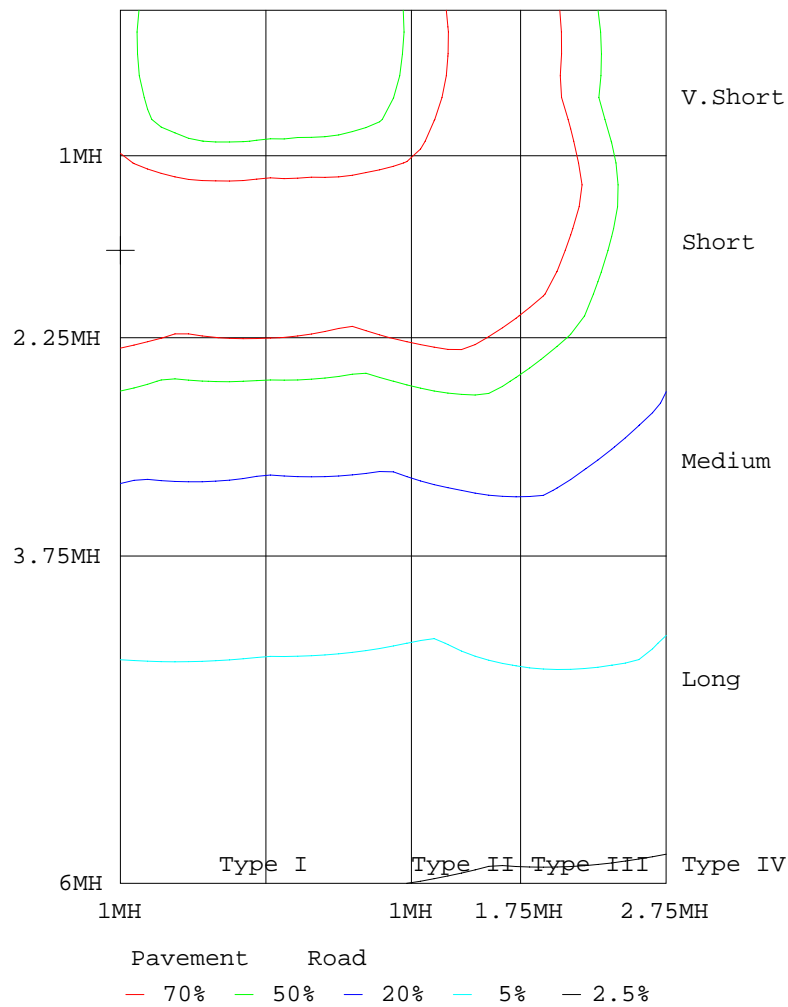
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.1518]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.1V I:0.7100A P:150.5W PF:0.9633 Freq:49.99Hz Lamp Flux:20344.1x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-150WiP-NV-L3-00-3070-T501-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-02-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.1518]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.1518]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.1518]
Remarks:

```