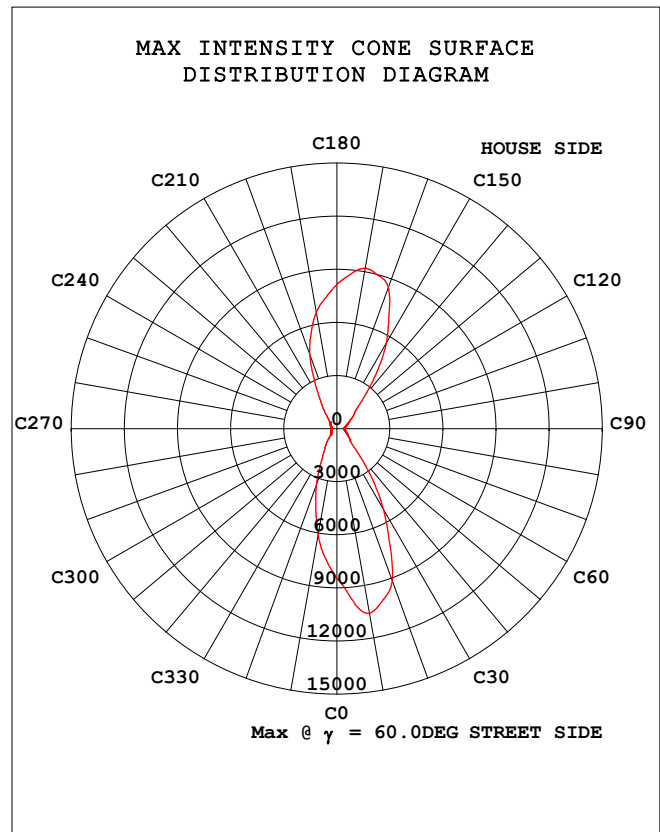
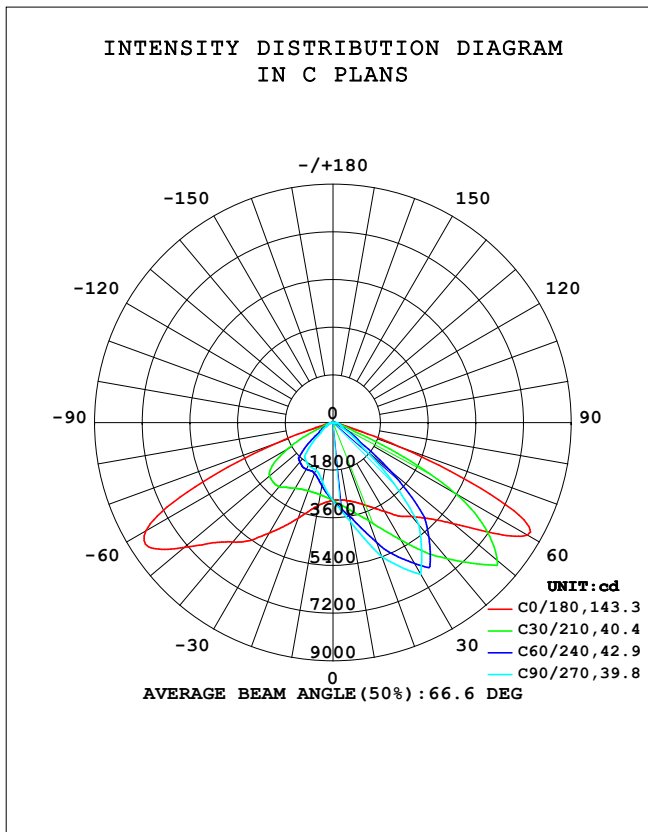


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.83 lm/W			
MODEL	FSS810-150W	Imax(cd)	10600	η street_up(%)	0.0
NOMINAL POWER(W)	144.1	LOR(%)	100.0	η street_down(%)	48.5
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	14198	η house_up(%)	0.0
NOMINAL FLUX(lm)	14198.3	MAXIMUM @ (C, γ)	10,60.0	η house_down(%)	51.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	229.7	η down(%)	100.0	SLI	

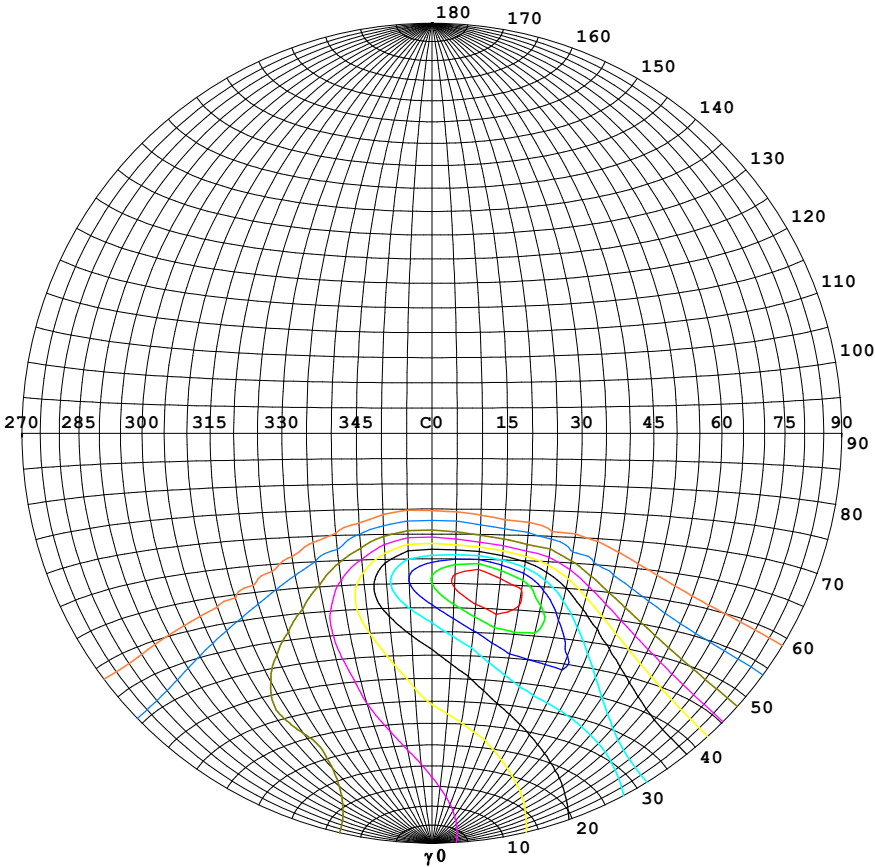


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



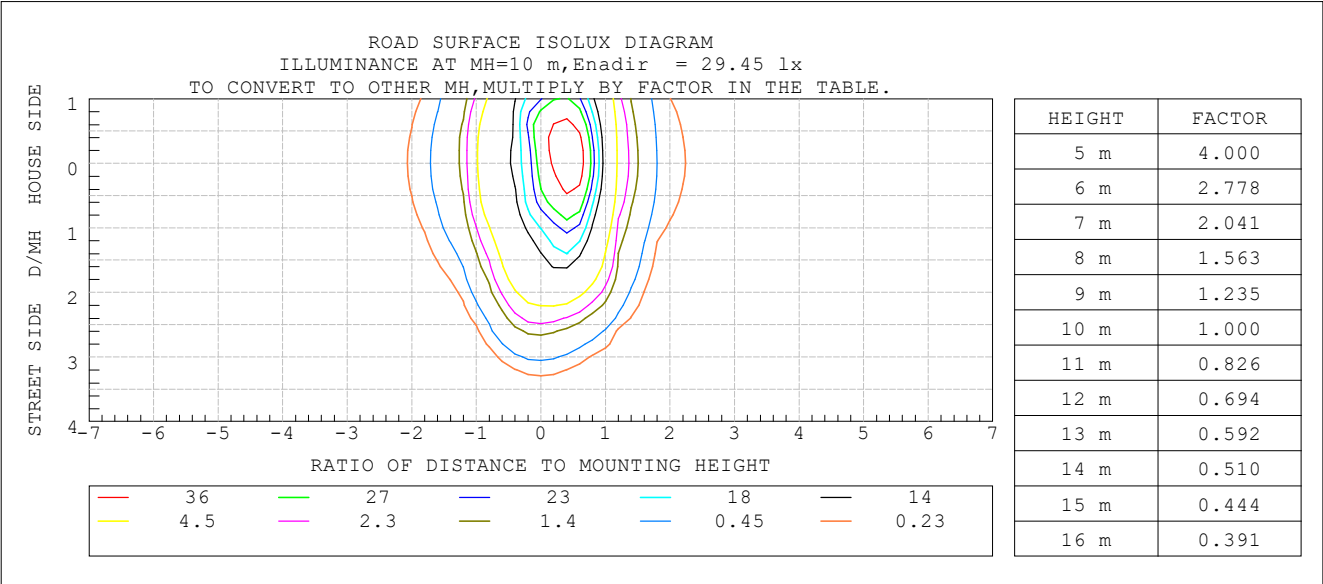
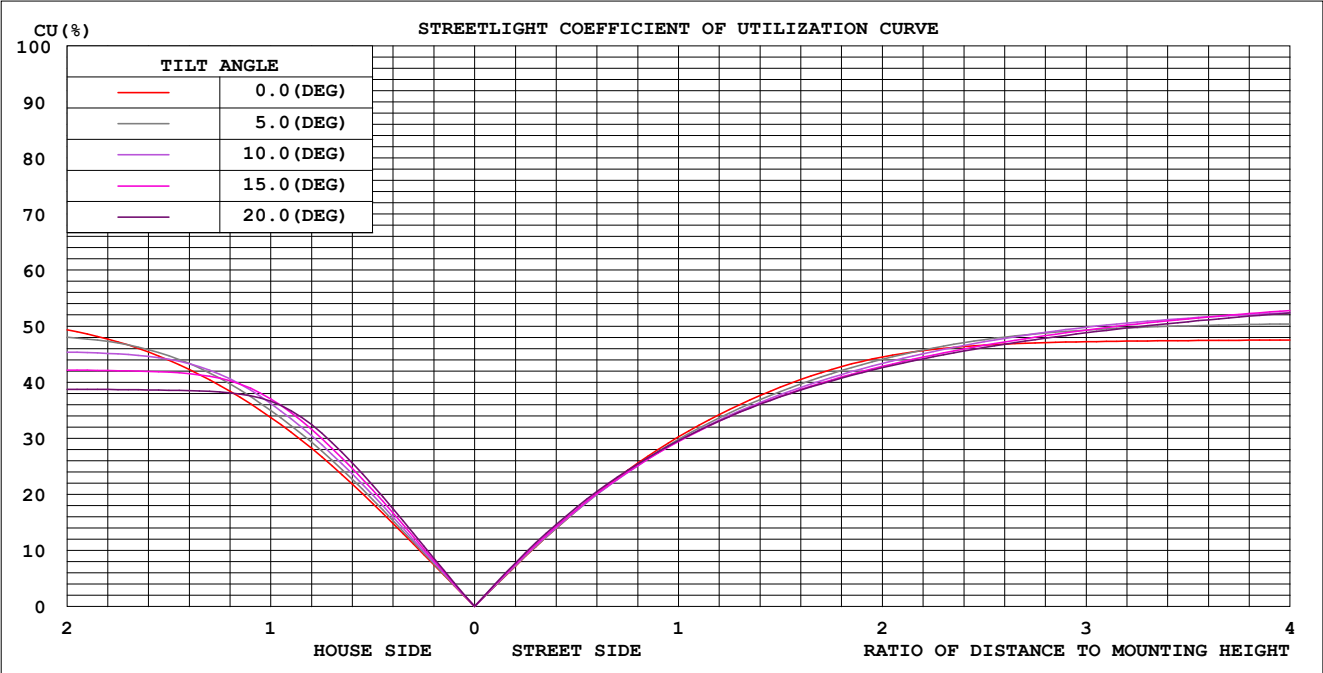
Classification:
IES:Type III - Short
CIE:Broad - Intermediate
IES:Cut-off
CIE:Full cut-off
Max.At80:13.18cd/klm
Max.At90:0.7390cd/klm
Max.80-90:13.18cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10600
90%	9540
80%	8480
70%	7420
60%	6360
50%	5300
40%	4240
30%	3180
20%	2120
10%	1060
5%	530

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [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:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

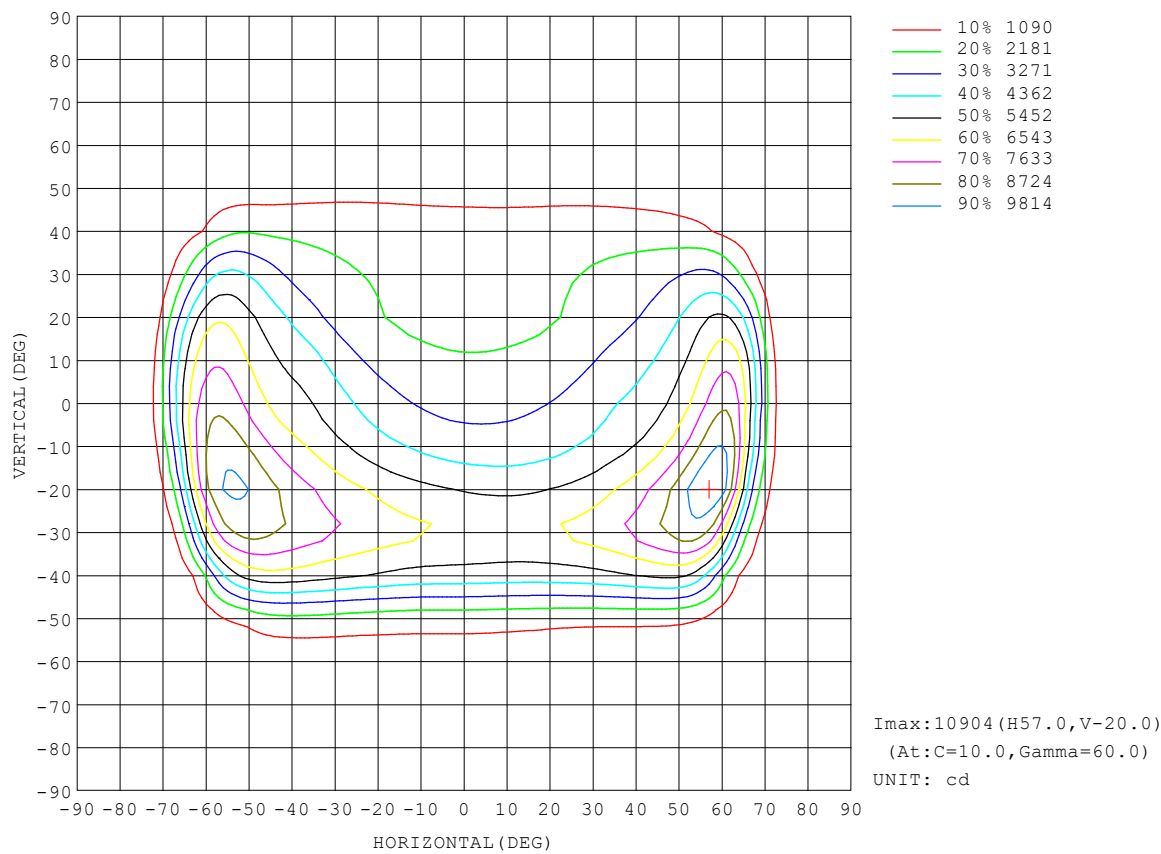
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	298.9	346.5	377.3	368.5	318.0	258.0	228.4	249.9	0- 10	286.4	286.4	2.02,2.02
20	328.5	437.7	538.6	502.3	384.1	229.5	190.9	216.8	10- 20	932.0	1218	8.58,8.58
30	387.2	576.9	662.5	659.4	481.6	223.7	187.3	210.4	20- 30	1801	3020	21.3,21.3
40	463.2	686.8	505.5	754.3	589.2	224.6	169.0	216.9	30- 40	2761	5780	40.7,40.7
50	594.3	515.3	147.7	580.8	733.2	193.5	62.57	179.7	40- 50	3248	9028	63.6,63.6
60	848.9	118.9	40.13	159.3	814.9	58.55	31.81	50.21	50- 60	3073	12101	85.2,85.2
70	265.3	27.02	29.28	31.12	223.3	25.56	21.82	24.02	60- 70	1746	13847	97.5,97.5
80	13.03	12.63	17.58	14.70	11.56	9.428	9.514	7.926	70- 80	292.1	14139	99.6,99.6
90	0.1792	0.6306	0.5073	0.6386	0.2670	0.0479	0.0435	0.0479	80- 90	58.98	14198	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:×10cd									UNIT:lm		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

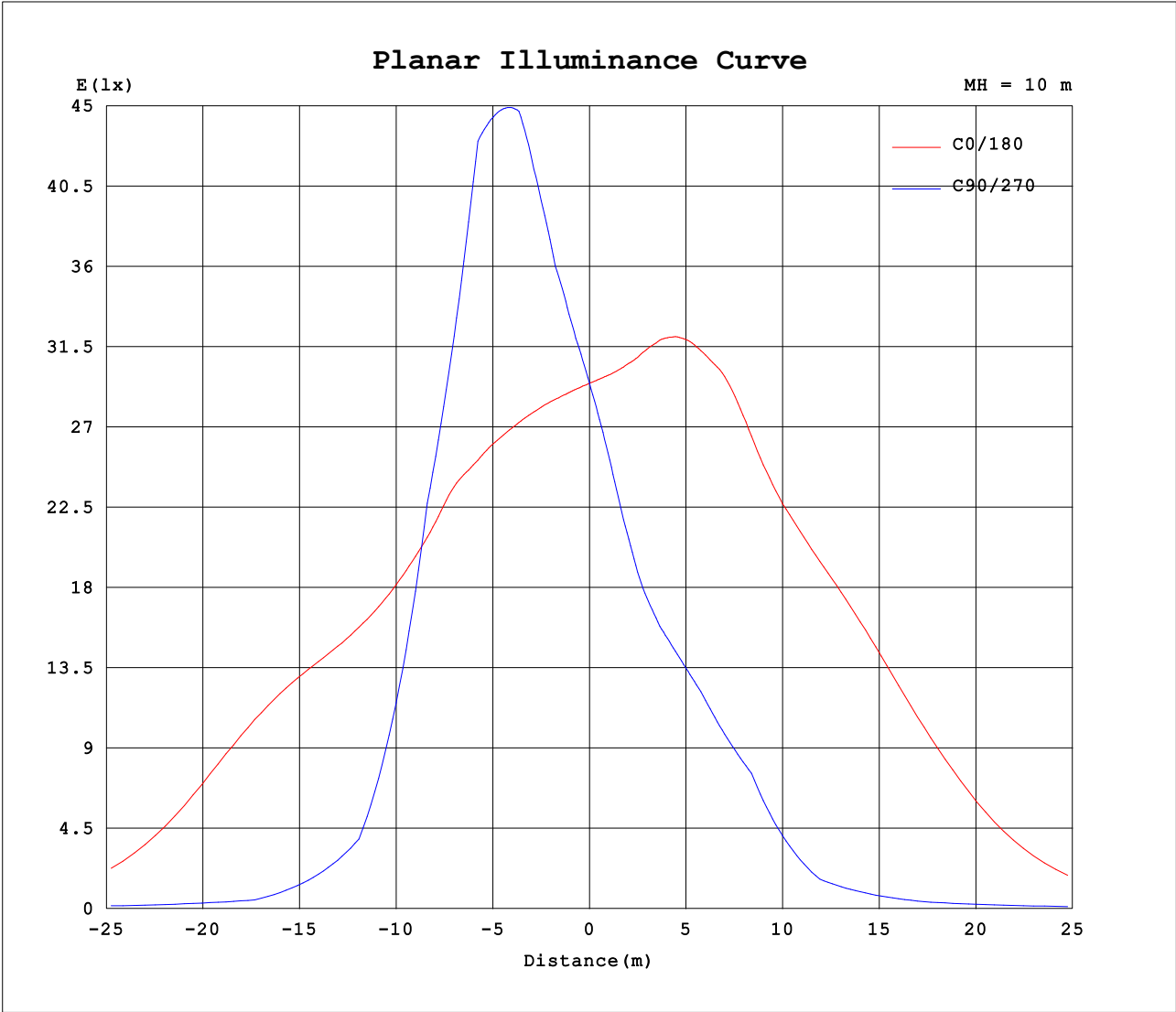
ISOCANDELA DIAGRAM

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG	V(B) Range:-90 - 90DEG
H(β) Interval: 1.0DEG	V(B) Interval: 2.0DEG
Test Speed: HIGH	Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Temperature:22.5DEG	Humidity:74.3%
Operators:DAMIN	Test Distance:11.150m [K=1.0000]
Test Date:2022-02-16	Remarks:

Planar Illuminance Curve



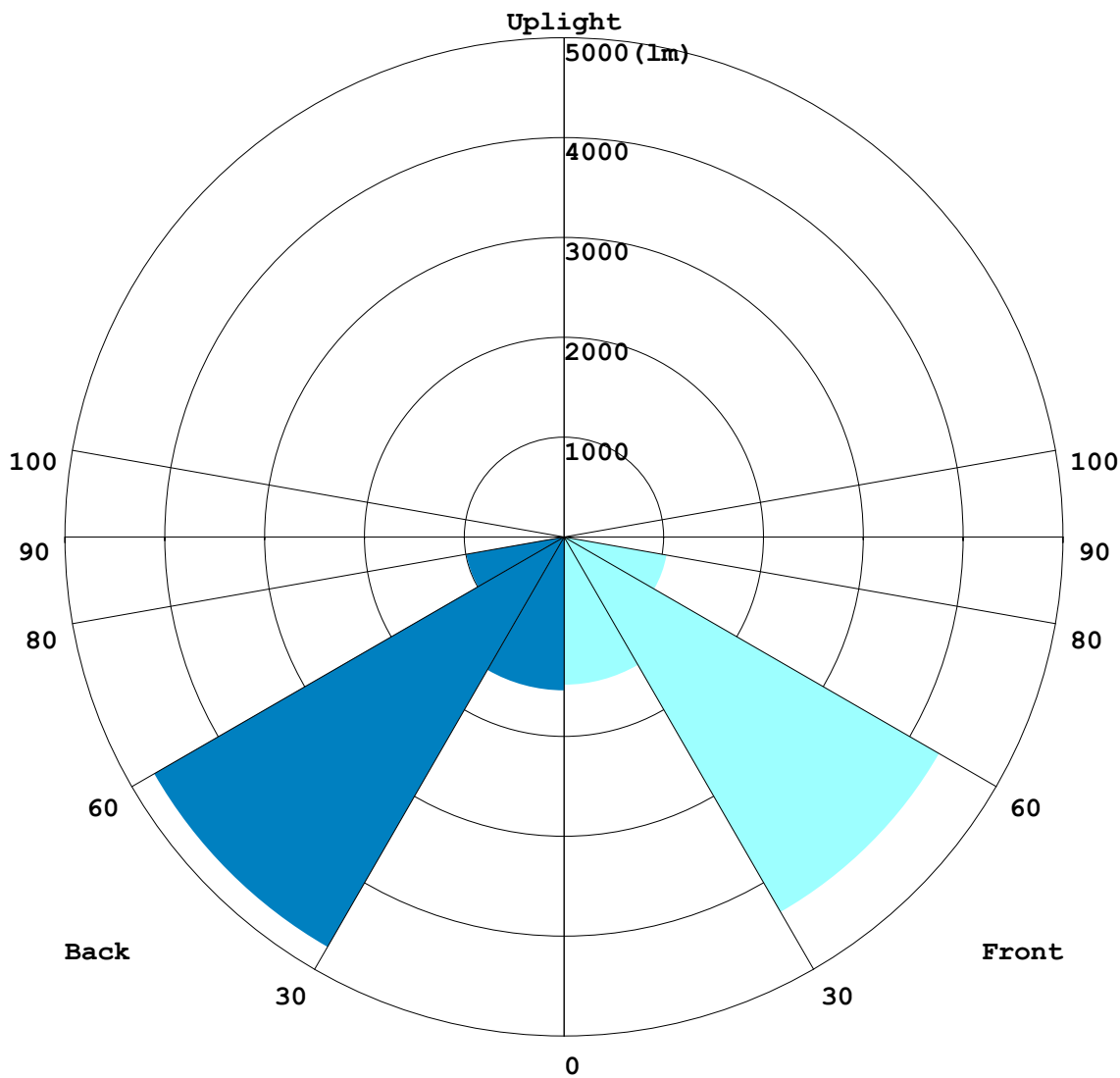
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

LCS REPORT

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	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:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

BUG REPORT

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1481.9	10.4
FM - Front-Medium(30-60)	4338.5	30.6
FH - Front-High(60-80)	1043.4	7.3
FVH - Front-Very High(80-90)	28.408	0.2
Total Forward Light	6892.3	48.5

BL - Back-Low(0-30)	1537.9	10.8
BM - Back-Medium(30-60)	4743.1	33.4
BH - Back-High(60-80)	994.5	7.0
BVH - Back-Very High(80-90)	30.571	0.2
Total Back Light	7306	51.5

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7306	0	7306
Street Side	6892.3	0	6892.3

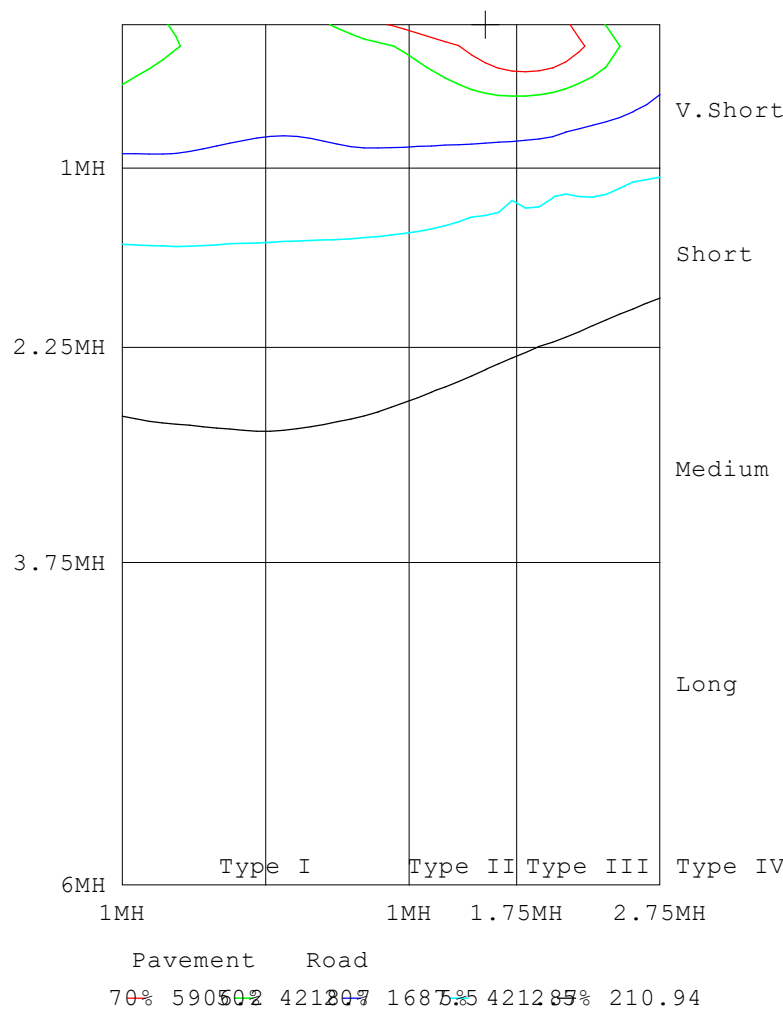
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:22.5DEG
 Operators:DAMIN
 Test Date:2022-02-16

V(B) Range:-90 - 90DEG
 V(B) Interval: 2.0DEG
 Test System:GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:74.3%
 Test Distance:11.150m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	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:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

UNIT: $\times 10\text{cd}$

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

UNIT: $\times 10\text{cd}$

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.73V I:0.6288A P:143.67W PF:0.9945 Freq:49.99Hz Lamp Flux:14198.3x1 lm		
NAME: 智慧星4000K暗灰色	TYPE:首件	WEIGHT:
SPEC.:150W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--3

UNIT: $\times 10\text{cd}$ [illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:22.5DEG
Operators:DAMIN
Test Date:2022-02-16

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks:

UNIT: $\times 10 \text{cd}$

V(B) Range:-90 - 90DEG
V(B) Interval: 2.0DEG
Test System:GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:74.3%
Test Distance:11.150m [K=1.0000]
Remarks: