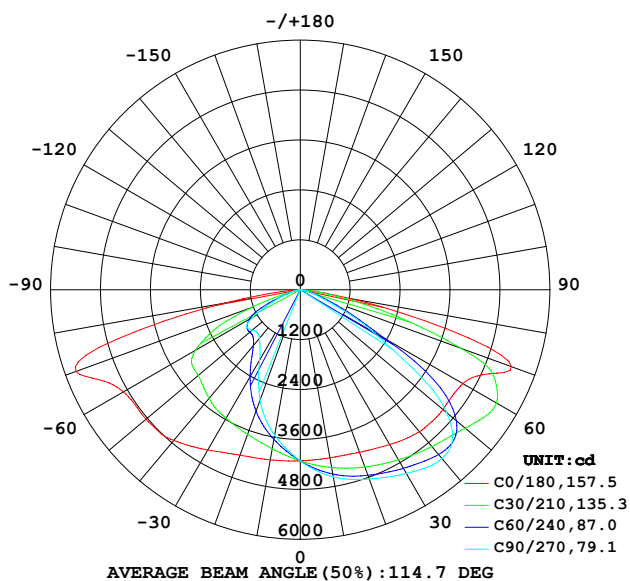
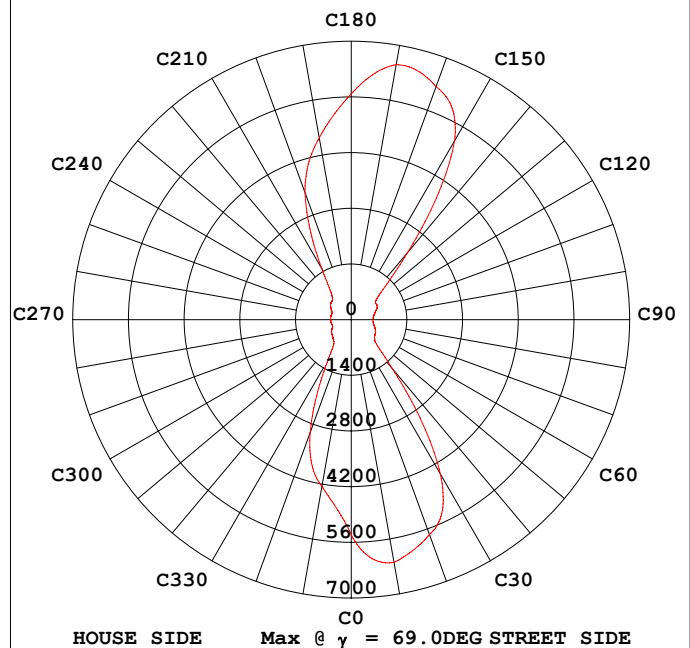


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 180.36 lm/W			
MODEL	90W4000K	I _{max} (cd)	6509	η street_up (%)	0.0
NOMINAL POWER (W)	90	LOR (%)	100.0	η street_down (%)	62.5
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	16083	η house_up (%)	0.0
NOMINAL FLUX (lm)	16083	MAXIMUM @ (C, γ)	170,69.0	η house_down (%)	37.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	21.996

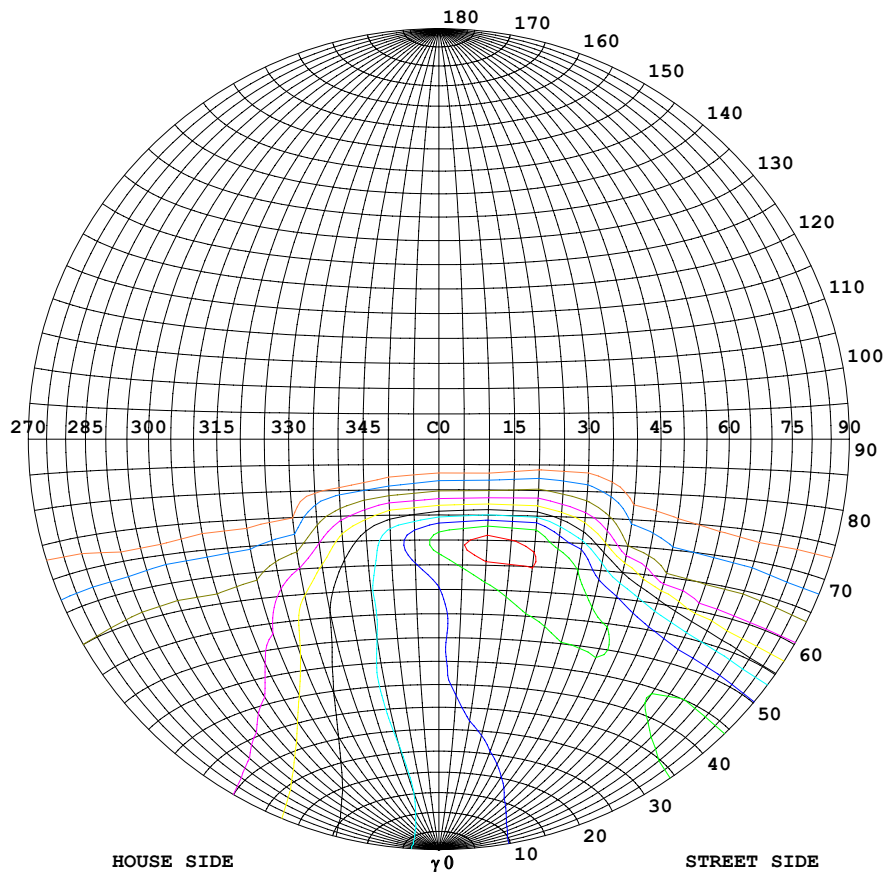
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



Classification:

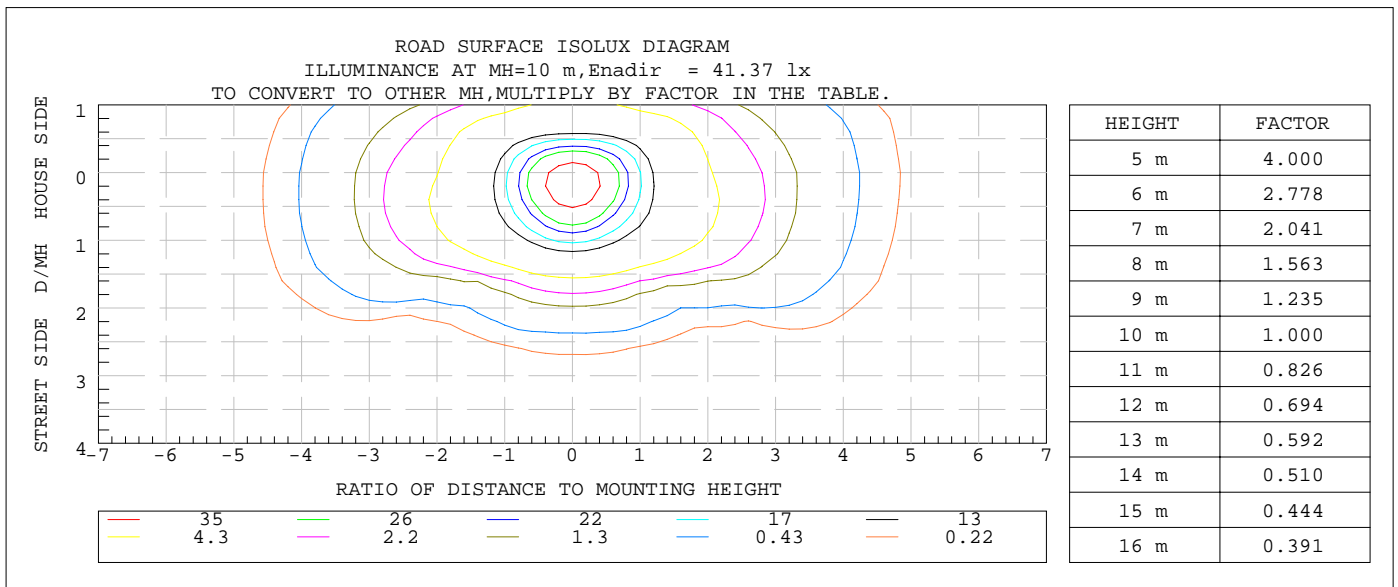
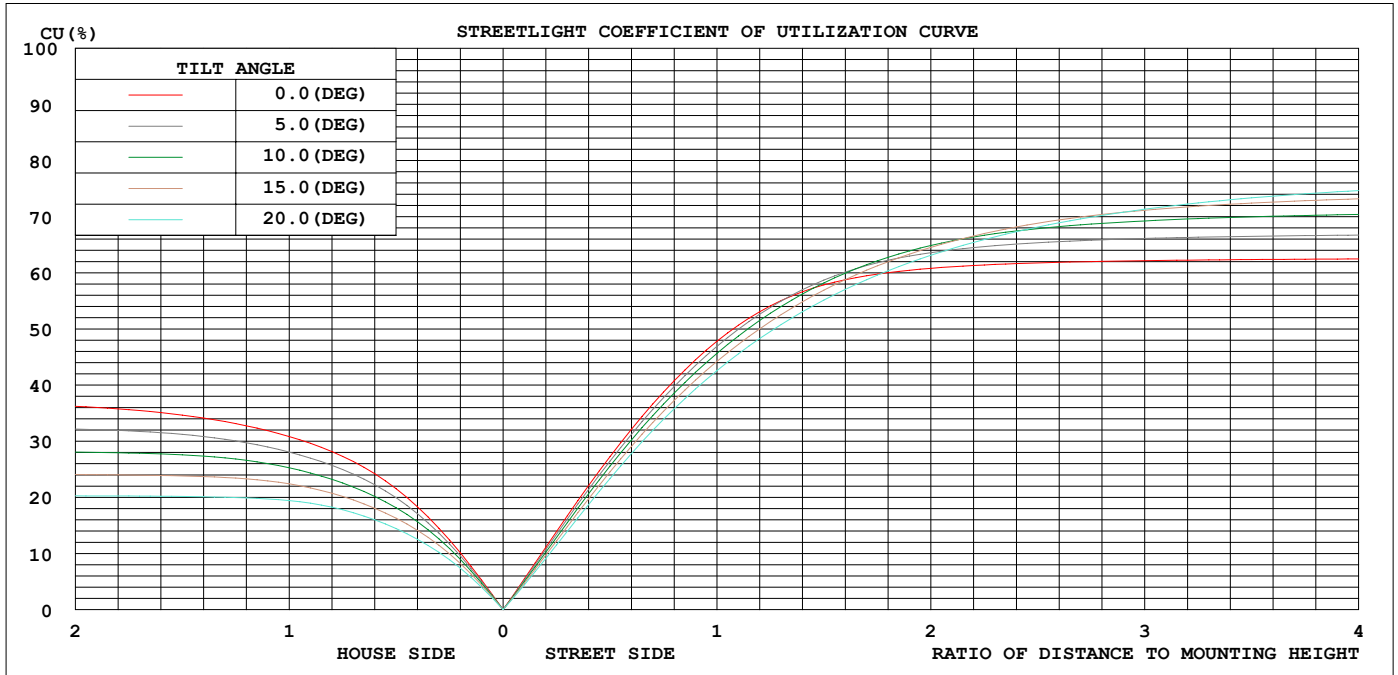
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:114.5cd/klm
Max.At90:0.3334cd/klm
Max.80-90:114.5cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6509
90%	5858
80%	5207
70%	4556
60%	3905
50%	3254
40%	2603
30%	1953
20%	1302
10%	651
5%	325

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

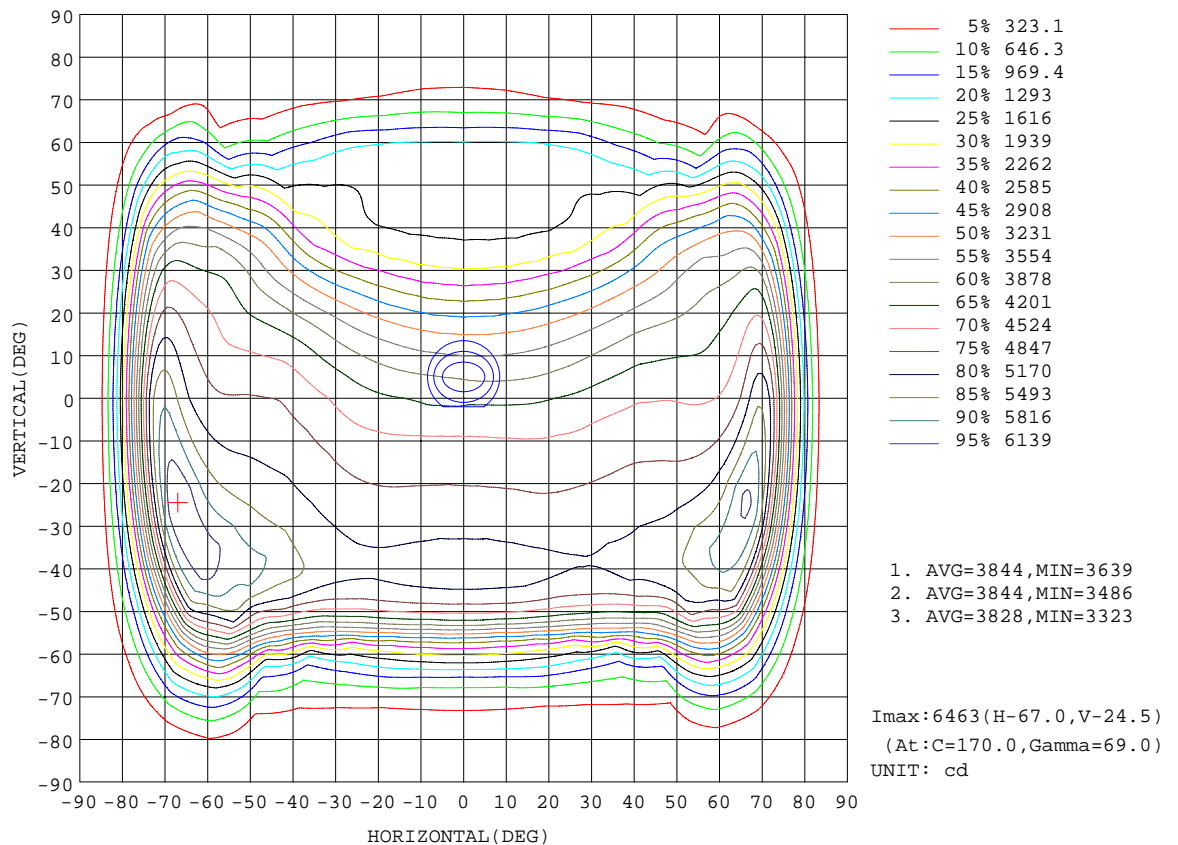
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	4102	4428	4568	4468	4152	3759	3552	3728	0- 10	391.8	391.8	2.44,2.44
20	4159	4653	4841	4715	4232	3394	2824	3347	10- 20	1151	1543	9.59,9.59
30	4298	4833	5097	4906	4448	2969	1958	2901	20- 30	1838	3381	21.21
40	4456	5047	5298	5147	4728	2406	1535	2336	30- 40	2451	5832	36.3,36.3
50	4476	5155	4595	5345	4842	1959	1519	1893	40- 50	2973	8805	54.7,54.7
60	4514	4055	2007	4403	4909	1575	1302	1504	50- 60	3143	11947	74.3,74.3
70	5402	1004	477.2	1269	5736	596.6	464.5	558.8	60- 70	2600	14547	90.5,90.5
80	1206	163.8	114.4	229.3	1818	113.1	90.32	104.0	70- 80	1387	15934	99.1,99.1
90	2.281	0.4649	0.3777	1.325	4.104	1.081	0.4301	0.8843	80- 90	148.4	16083	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:25.0℃
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

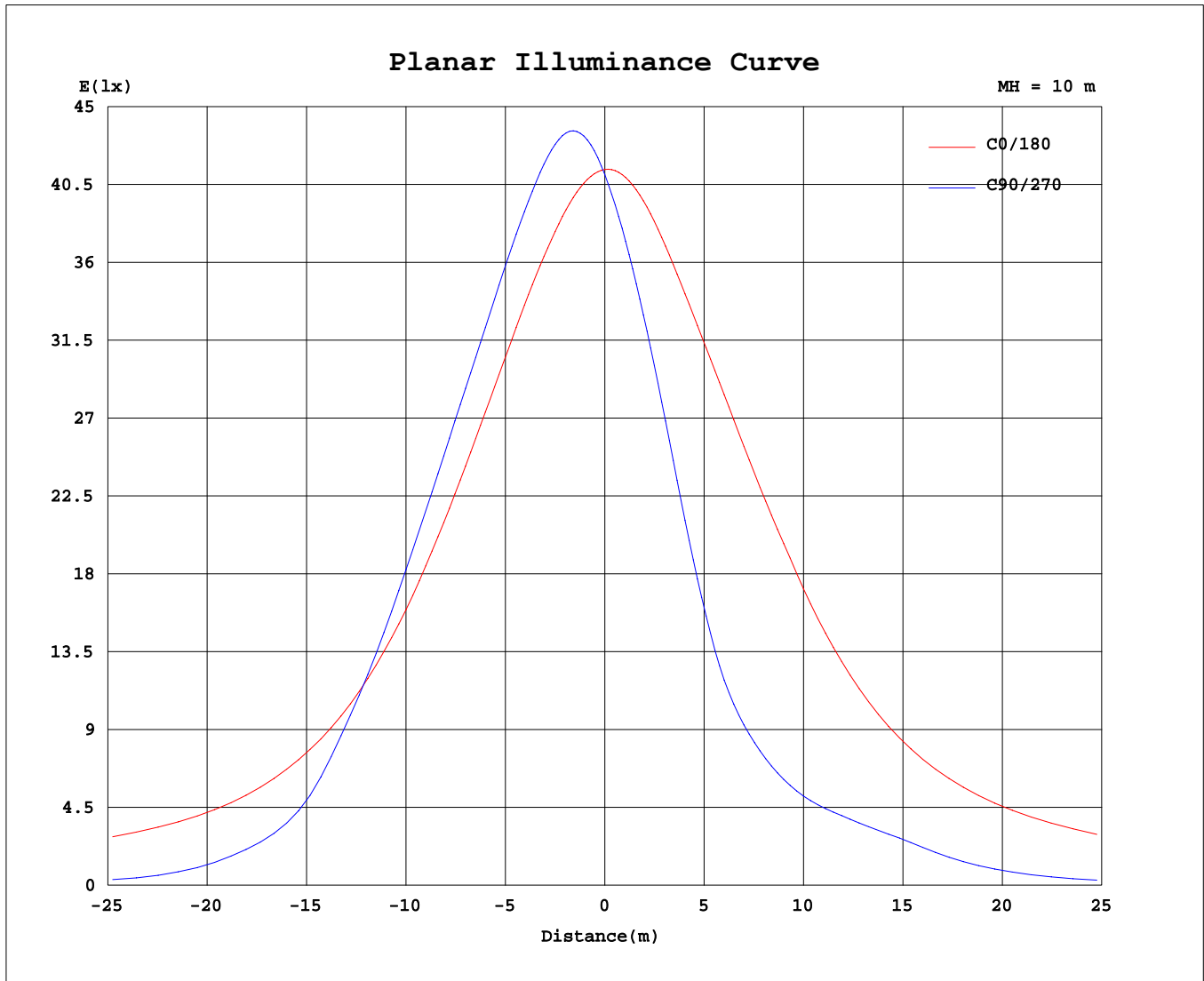
Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

Planar Illuminance Curve



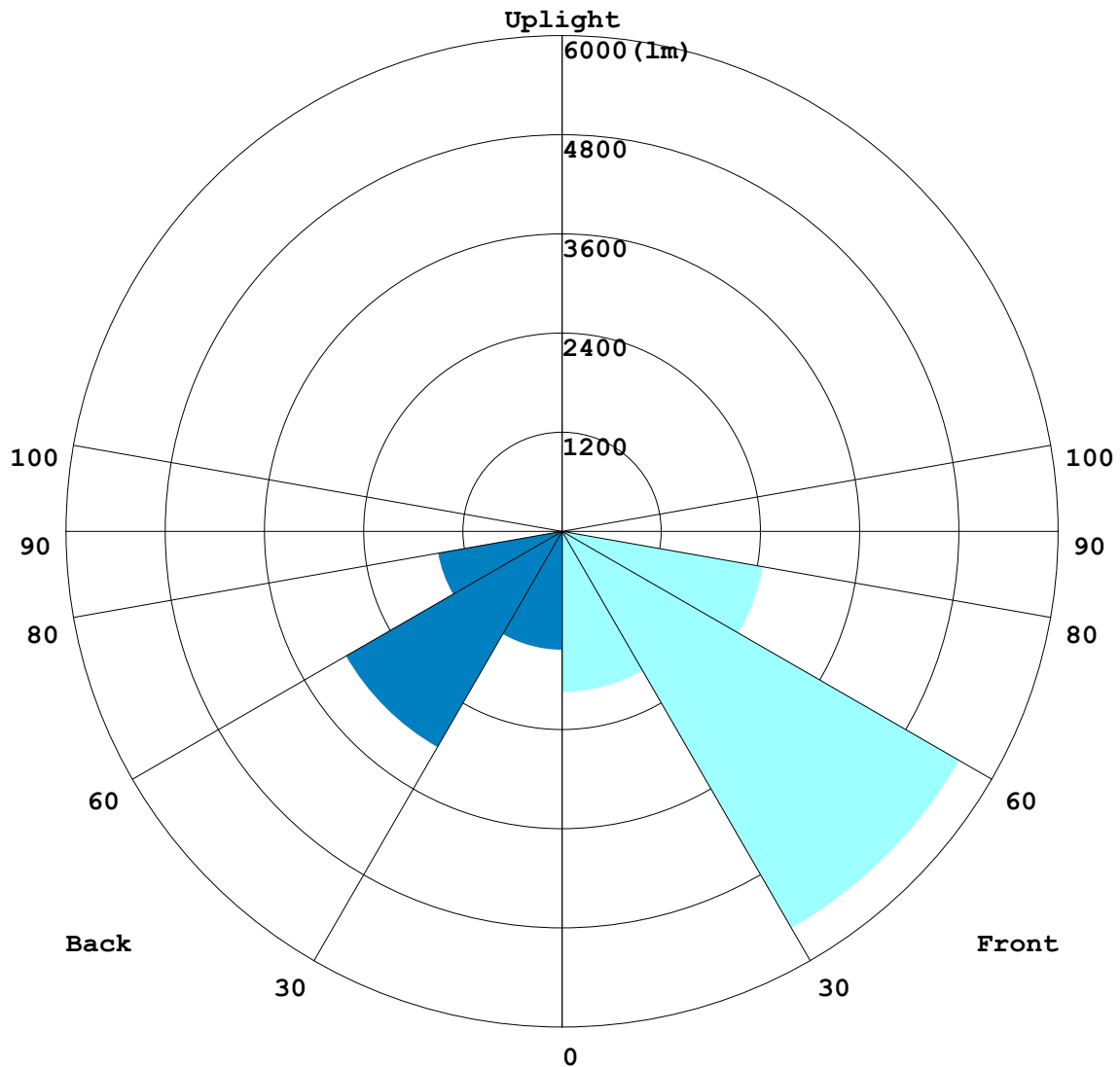
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

LCS REPORT

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

BUG REPORT

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1945.9	12.1
FM - Front-Medium(30-60)	5547.9	34.5
FH - Front-High(60-80)	2465	15.3
FVH - Front-Very High(80-90)	95.357	0.6
Total Forward Light	10054	62.5

BL - Back-Low(0-30)	1434.9	8.9
BM - Back-Medium(30-60)	3018.6	18.8
BH - Back-High(60-80)	1522	9.5
BVH - Back-Very High(80-90)	53.013	0.3
Total Back Light	6028.5	37.5

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6028.5	0	6028.5
Street Side	10054	0	10054

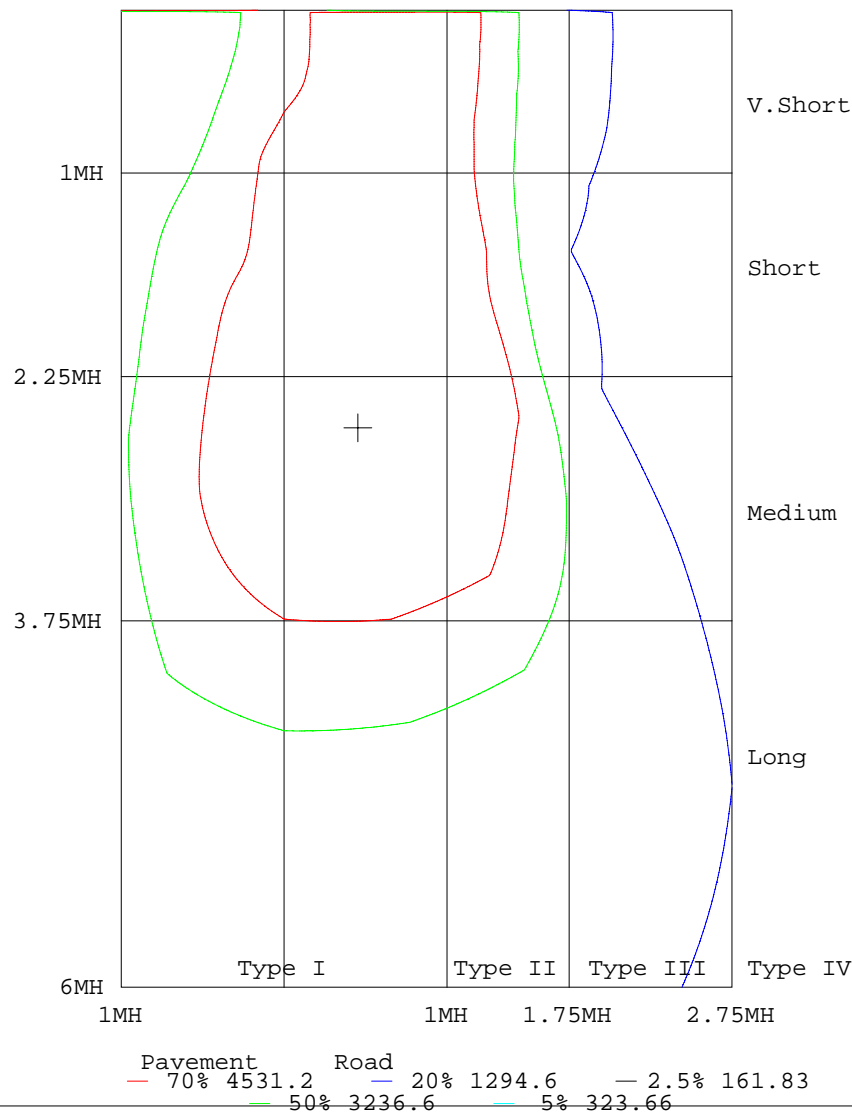
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:221.19V I:0.4114A P:89.169W PF:0.9798 Freq:50.00Hz Lamp Flux:16083x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094G 90w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

```