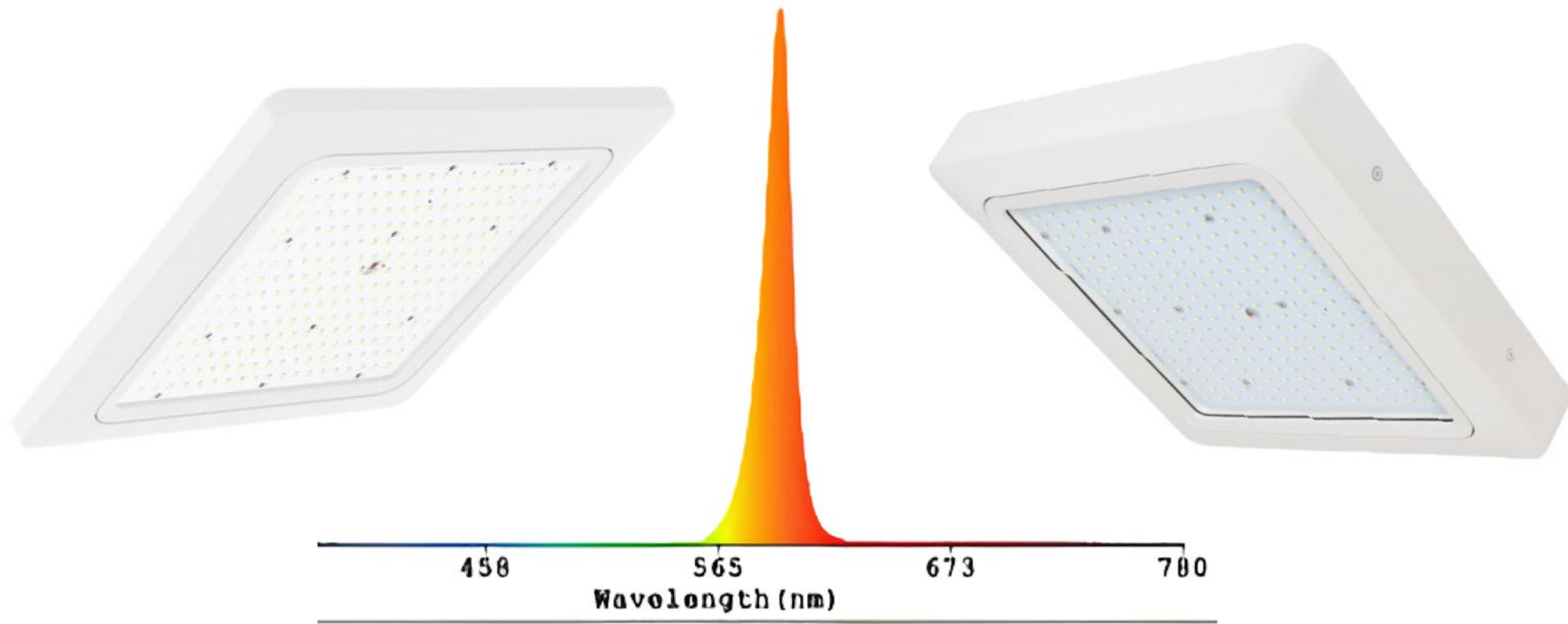


# FLAT & FLYT 120

## 590nm AMBER SPECTRUM



**590nm amber matches the typical spectrum of “gold tube and filter technology”**

- Gold tube and filter technology are designed to operate optimally within a certain range of wavelengths. This is because different materials interact with light in unique ways, and tailoring the light spectrum to the material's characteristics can enhance performance.
- Amber light at this wavelength is known for its warm and rich tones, and its spectrum closely aligns with the optical properties of gold. This alignment ensures that the light used in conjunction with gold tube and filter technology is finely tuned to the specific needs of gold-related processes.
- By matching the amber wavelength to the typical spectrum of gold tube and filter technology, manufacturers and engineers can achieve precise control over the lighting conditions in applications

- Color Rendering and Ambiance** - The 590nm amber spectrum is distinguished by its unique ability to enhance color rendering and create warm, inviting atmospheres. This spectrum adds richness and vibrancy to illuminated spaces, contributing to a visually pleasing environment. The warm tones generated by the 590nm amber LEDs make them particularly suitable for residential settings, hospitality spaces, or retail environments where creating an aesthetically pleasing ambiance is essential.
- Versatility and Applications** - The 590nm amber no UV light spectrum exhibits remarkable versatility, making it suitable for various applications. Whether it's accent lighting, mood lighting, or decorative purposes, this spectrum excels in delivering warm and aesthetically pleasing illumination.
- Energy Efficient** - If you're prioritizing sustainable and cost-effective lighting solutions, the energy efficiency of the 590nm amber LEDs is a noteworthy point. Highlighting the lumens per watt efficiency demonstrates how the lighting product maximizes illumination output while minimizing power consumption, making it an environmentally conscious choice for those seeking energy-efficient solutions.

### FLAT & FLYT 590nm Amber- LUMENS PER WATT (LPW)

LEDs	CLEAR GLASS LPW	CLEAR POLYCARBONATE LPW	FROSTED POLYCARBONATE LPW
FLAT and FLYT 120 590nm Amber	23	20	17



### FLAT & FLYT 120 590NM AMBER- FIXTURE TEST REPORT - CLEAR GLASS LENS



Light Output Ratio:	100.0%
Luminaire Power:	119.8 W
90% Beam Spread	50.2V x 50.4H
50% Beam Lumens	781.2 lumens per klm.

H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG Test  
 Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2024-01-02

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

**Floodlight Summary:**

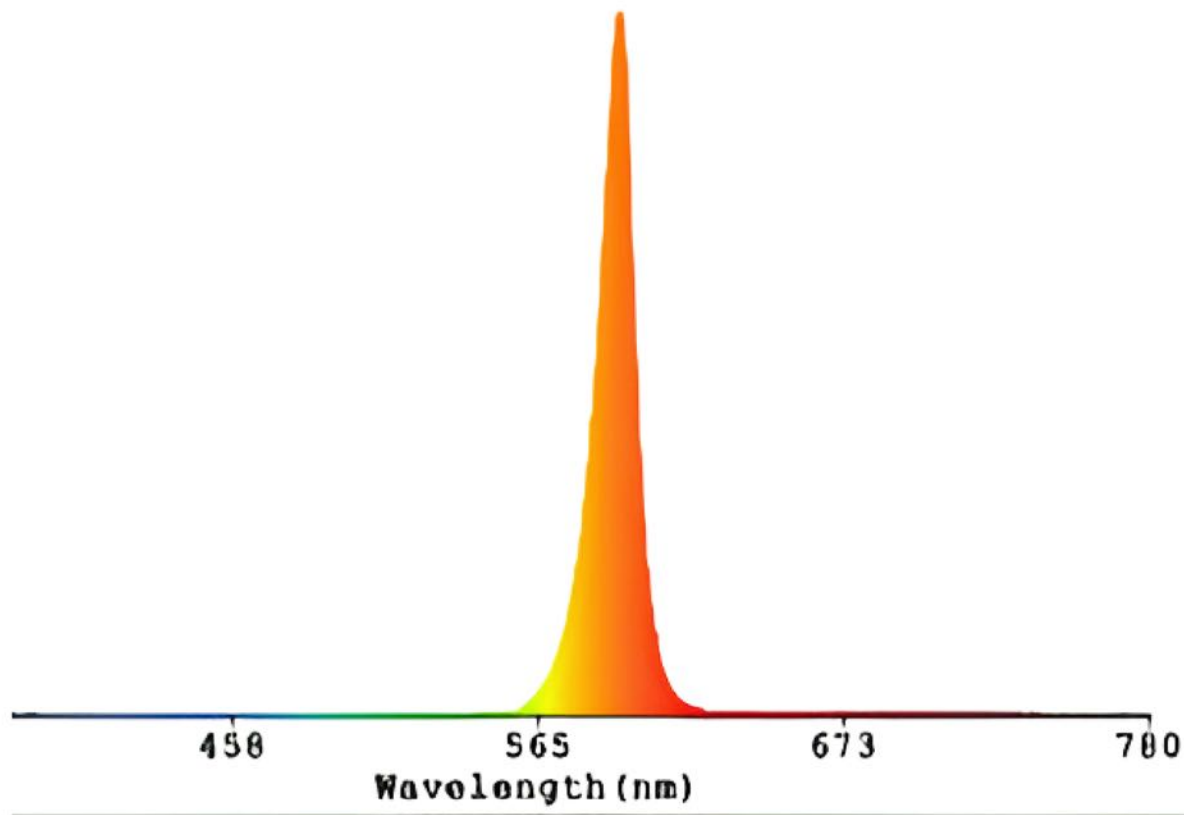
Report based on lamp delivering 1000 lumens.

Maximum Intensity 347.8 cd per klm.  
 (Luminaire orientation as tested.) 0.0 degrees vertical  
 0.0 degrees horizontal

Beam Spread At 10% of I<sub>max</sub> 155.8V x 155.0H  
 At 50% of I<sub>max</sub> 116.8V x 115.2H  
 At 90% of I<sub>max</sub> 50.2V x 50.4H

Beam Flux Total 999.9 lumens per klm.  
 To 10% of I<sub>max</sub> 985.2 lumens per klm.  
 To 50% of I<sub>max</sub> 781.2 lumens per klm.  
 To 90% of I<sub>max</sub> 197.3 lumens per klm.

Upward LOR 0.0%  
 Downward LOR 100.0%  
 Luminaire Efficiency (Light Output Ratio) 100.0%



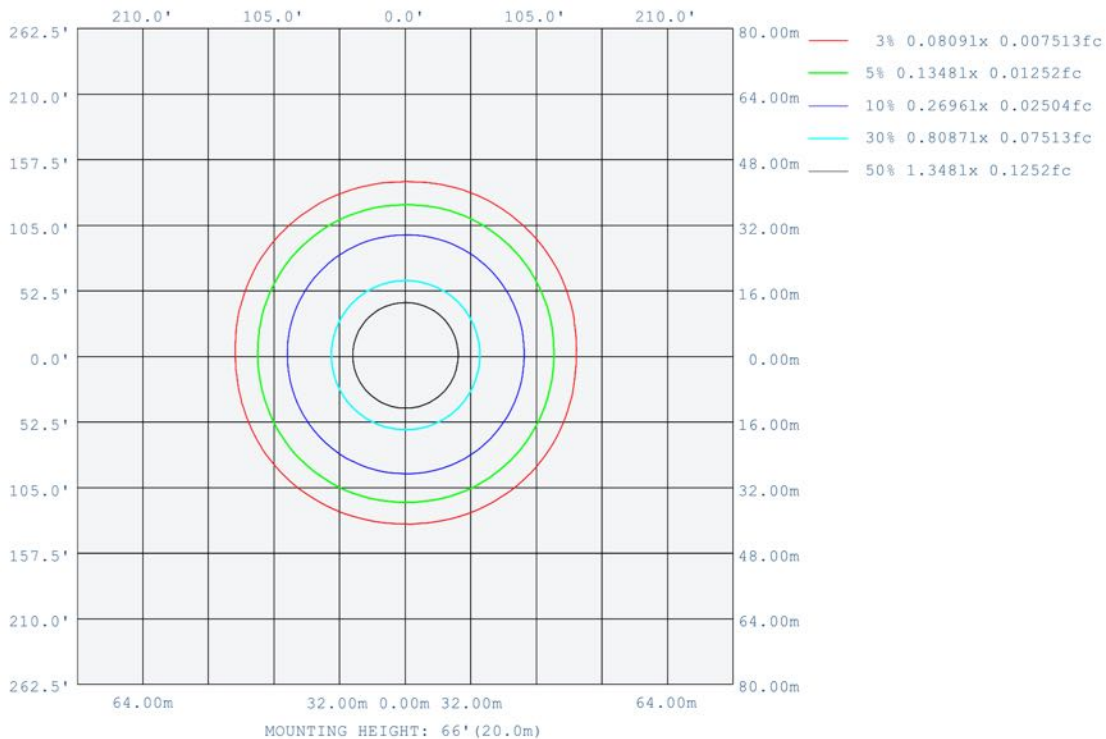
H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG Test  
 Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2024-01-02

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

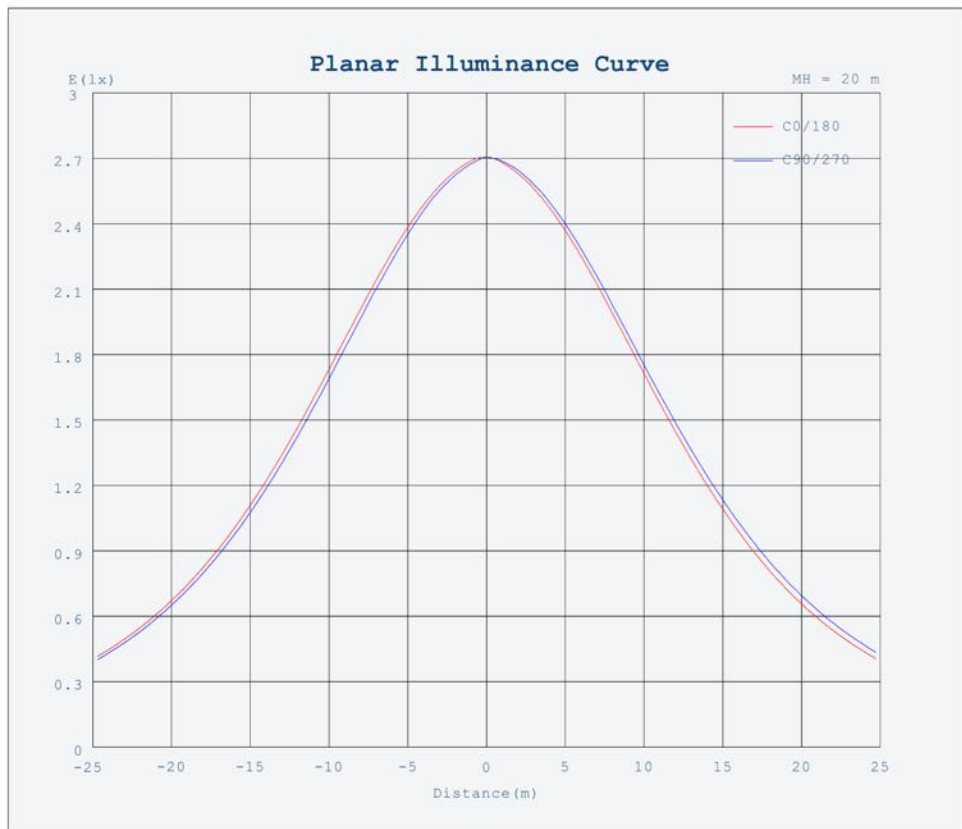
SYSTEM V2.0.404.7

### ISOLUX DIAGRAM

Test:U:235.7V I:0.5205A P:119.8W PF:0.977 Freq:50.03Hz Lamp Flux:3113.16x1 lm		
NAME: AF88X120-amber 590nm-clear glass	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



### Planar Illuminance Curve



H (□) Range:-90 - 90DEG  
H (□) Interval:1.0DEG Test  
Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2024-01-02

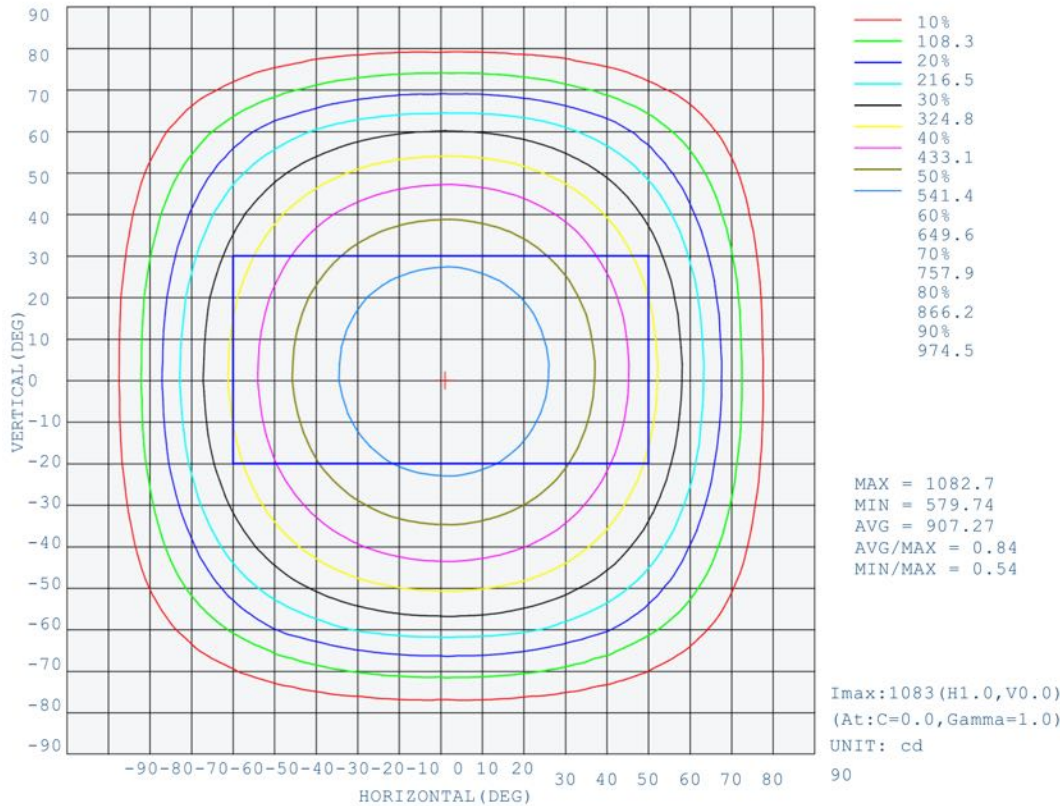
V (B) Range:-90 - 90DEG  
V (B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

H (□) Range:-90 - 90DEG  
H (□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2024-01-02

V (B) Range:-90 - 90DEG  
V (B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

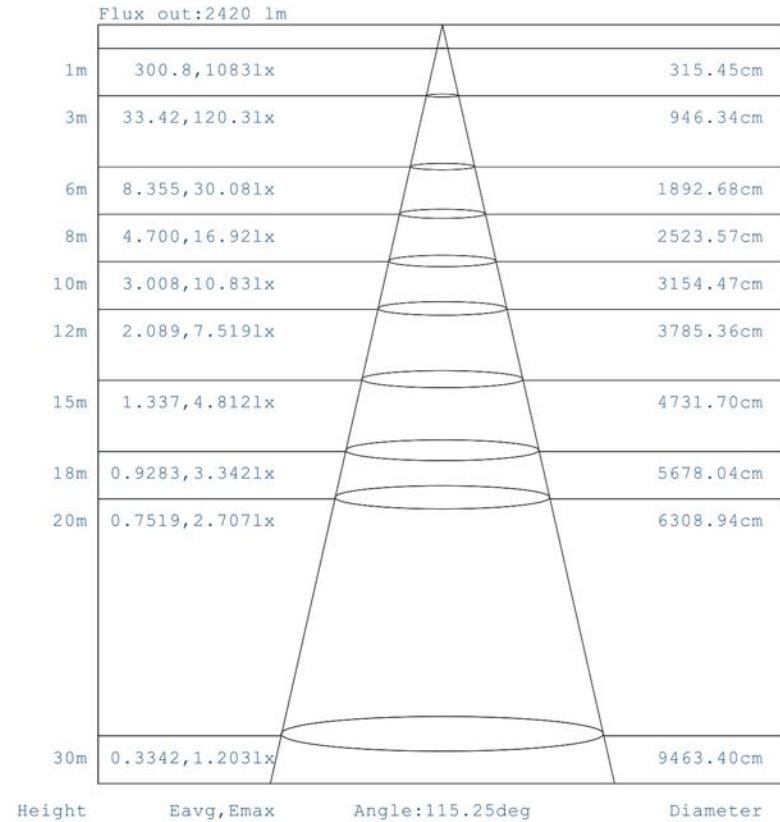
### ISOCANDELA DIAGRAM

Test:U:235.7V I:0.5205A P:119.8W PF:0.977 Freq:50.03Hz Lamp Flux:3113.16x1 lm		
NAME: AF88X120-amber 590nm-clear glass	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



### AAI Figure

Test:U:235.7V I:0.5205A P:119.8W PF:0.977 Freq:50.03Hz Lamp Flux:3113.16x1 lm		
NAME: AF88X120-amber 590nm-clear glass	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

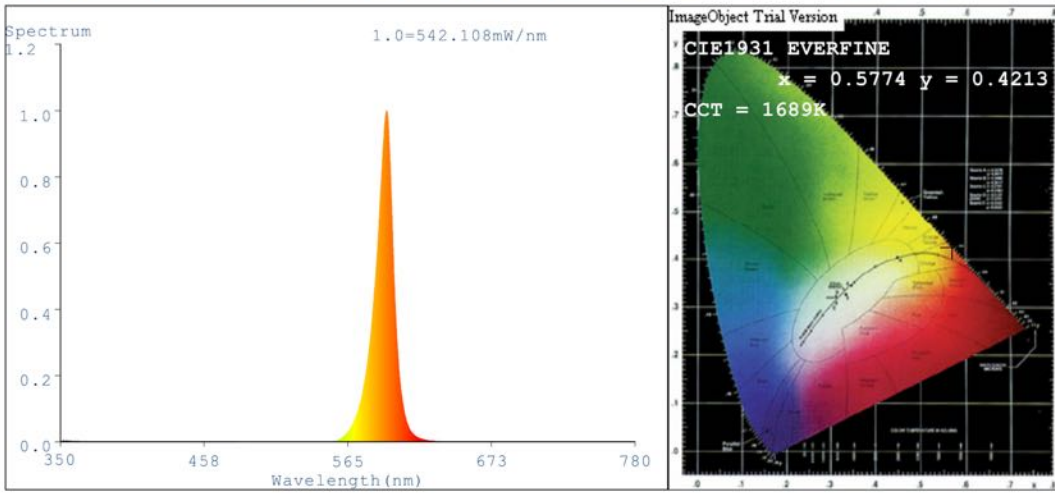
H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2024-01-02

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2024-01-02

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

**SPECTRUM TEST REPORT - FLAT & FLYT 120 590NM AMBER - Clear Glass**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5774$   $y=0.4213$  /  $u'=0.3347$   $v'=0.5495$   
 CCT=1689K (Duv=0.0058) Dominant WL:Ld =590.5nm Purity=99.8%  
 Ratio:R=11.0% G=89.0% B=0.0% Peak WL:Lp=594.0nm FWHM=14.1nm Render  
 Index:Ra=11.5 CRI=11.1 AvgR=10.3  
 R1=0 R2=46 R3=14 R4=0 R5=0 R6=31 R7=0 R8=0 R9=0 R10=21 R11=0 R12=0  
 R13=0 R14=43 R15=0

**Photo Parameters:**

Flux = 4678 lm Eff. : 37.96 lm/W Fe = 9.368 W

**Electrical parameters:**

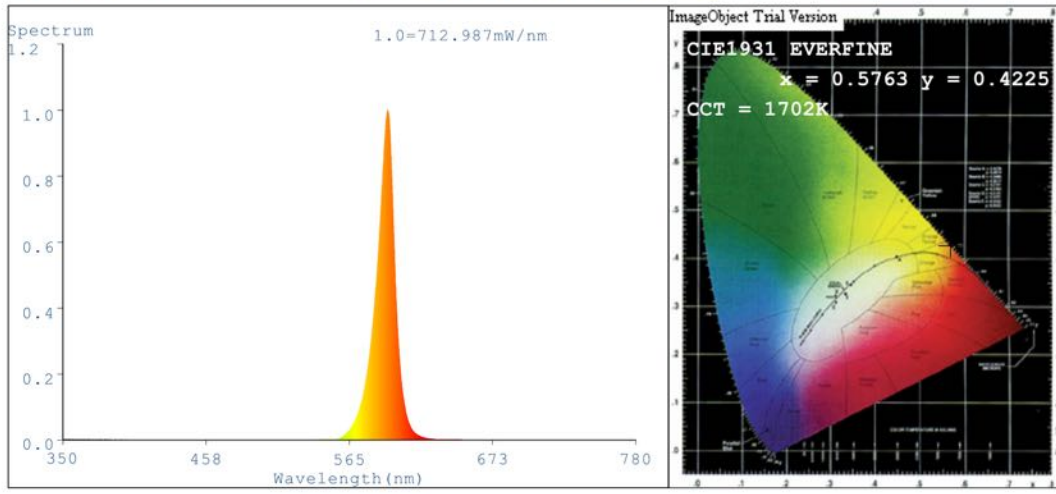
V = 219.57 V I = 0.5713 A P = 123.2 W PF = 0.9825 LEVEL:OUT  
 WHITE:OUT

Status: Integral T = 11 ms Ip = 38423 (59%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:1  
 Date:2024-01-03 17:05  
 Humidity:65.0%  
 Remarks:---

**SPECTRUM TEST REPORT - FLAT & FLYT 160 590NM AMBER - Clear Glass**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5763$   $y=0.4225$  /  $u'=0.3332$   $v'=0.5497$   
 CCT=1702K (Duv=0.0060) Dominant WL:Ld =590.3nm Purity=99.8%  
 Ratio:R=10.4% G=89.6% B=0.0% Peak WL:Lp=594.0nm FWHM=14.1nm  
 Render Index:Ra=11.3 CRI=10.9 AvgR=10.2  
 R1=0 R2=46 R3=14 R4=0 R5=0 R6=30 R7=0 R8=0 R9=0 R10=20 R11=0 R12=0  
 R13=0 R14=43 R15=0

**Photo Parameters:**

Flux = 6162 lm Eff. : 38.13 lm/W Fe = 12.29 W

**Electrical parameters:**

V = 219.38 V I = 0.7452 A P = 161.6 W PF = 0.9885 LEVEL:OUT  
 WHITE:OUT

Status: Integral T = 11 ms Ip = 50528 (77%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:1  
 Date:2024-01-03 16:58  
 Humidity:65.0%  
 Remarks:---

## FLAT & FLYT 120 590NM AMBER- FIXTURE TEST REPORT - CLEAR POLYCARBONATE LENS



Light Output Ratio:	100.0%
Luminaire Power:	120.3 W
90% Beam Spread	50.3V x 49.4H
50% Beam Lumens	778.4 lumens per klm.

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.) 350.4 cd per klm.  
 0.0 degrees vertical  
 0.0 degrees horizontal

Beam Spread At 10% of Imax 155.7V x 154.9H  
 At 50% of Imax 116.8V x 114.8H  
 At 90% of Imax 50.3V x 49.4H

Beam Flux Total 999.9 lumens per klm.  
 To 10% of Imax 985.2 lumens per klm.  
 To 50% of Imax 778.4 lumens per klm.  
 To 90% of Imax 194.0 lumens per klm.

Upward LOR 0.0 %  
 Downward LOR 100.0 %  
 Luminaire Efficiency(Light Output Ratio) 100.0 %

H( ) Range:-90 - 90DEG  
 H( ) Interval:1.0DEG Test Speed:  
 HIGH Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

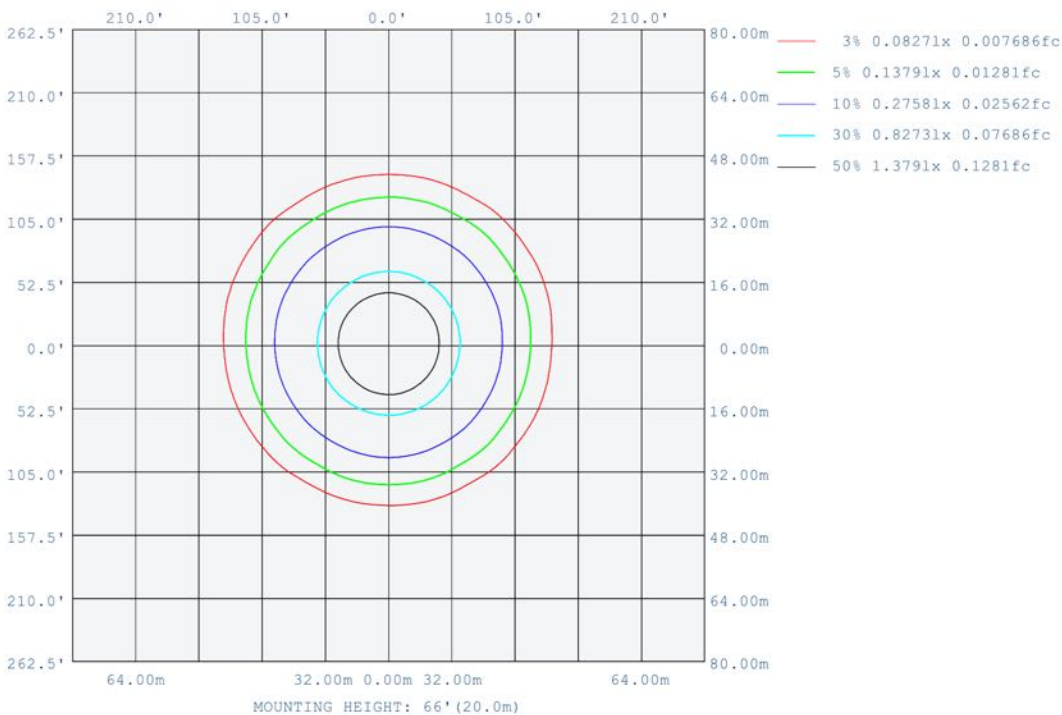
V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

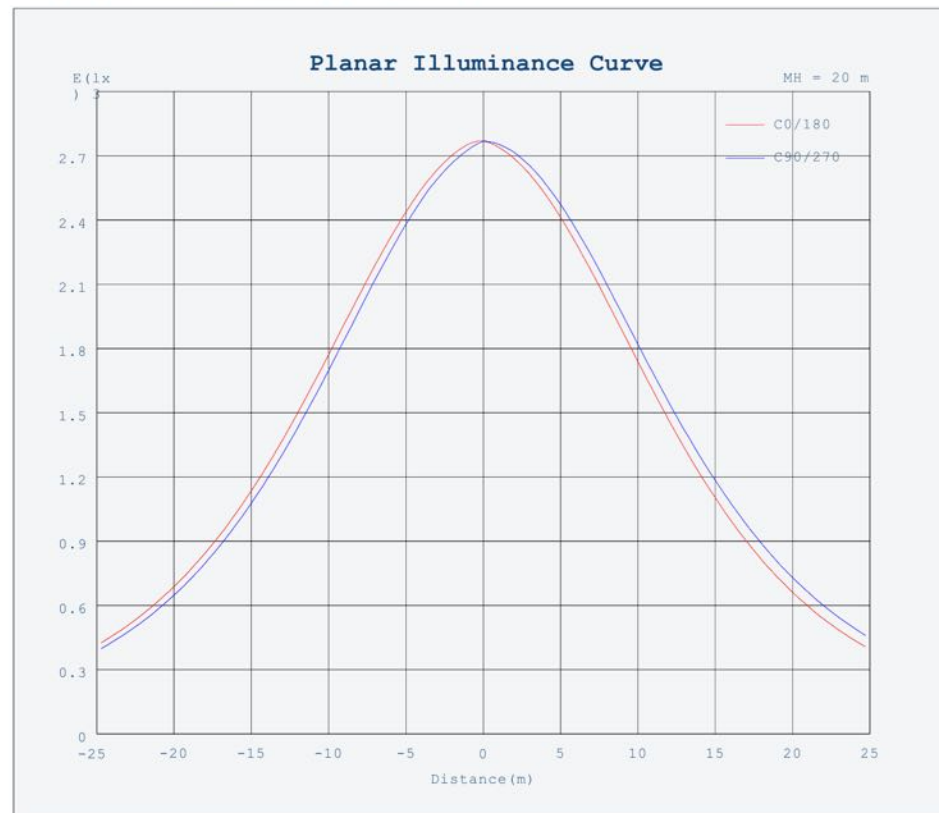
V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:231.6V I:0.5349A P:120.3W PF:0.971 Freq:49.97Hz Lamp Flux:3162.42x1 lm		
NAME:AF88X120-amber 590nm-clear PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



## Planar Illuminance Curve



H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

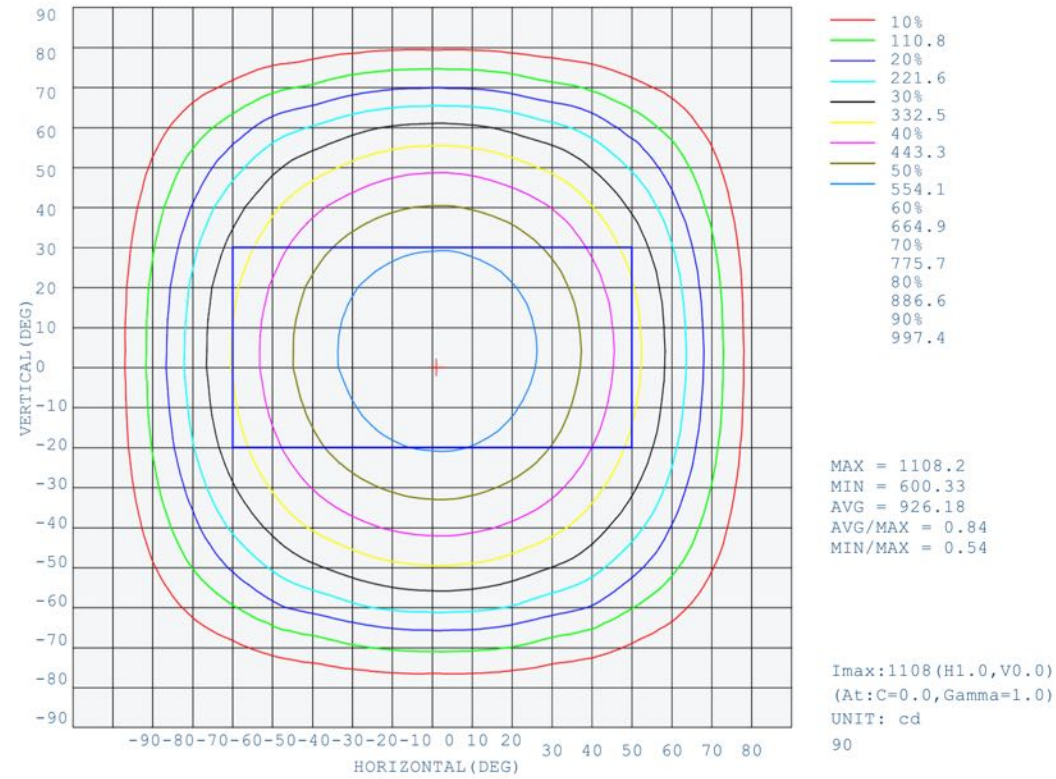
H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:



### ISOCANDELA DIAGRAM

Test:U:231.6V I:0.5349A P:120.3W PF:0.971 Freq:49.97Hz Lamp Flux:3162.42x1 lm		
NAME: AF88X120-amber 590nm-clear PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

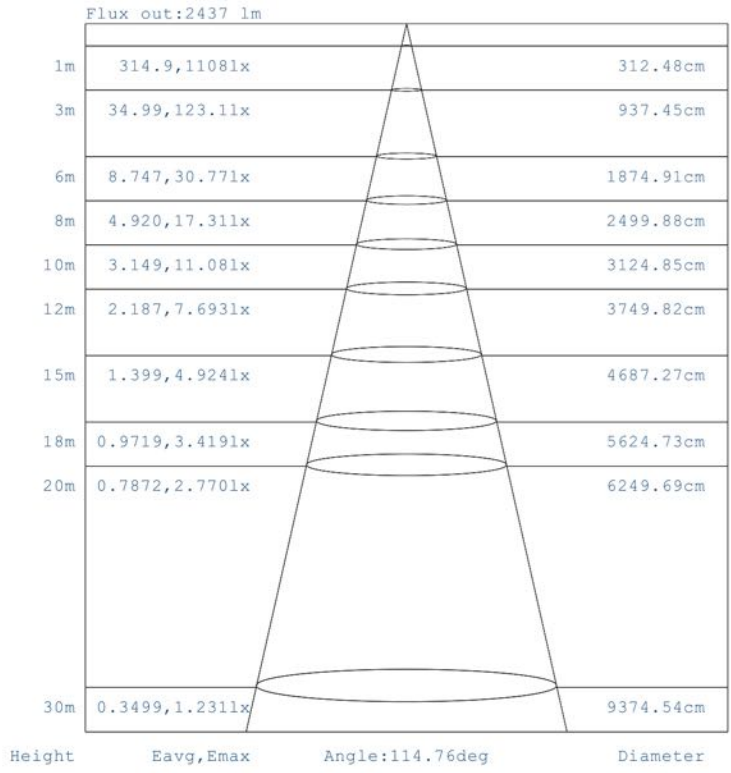


H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

### AAI Figure

Test:U:231.6V I:0.5349A P:120.3W PF:0.971 Freq:49.97Hz Lamp Flux:3162.42x1 lm		
NAME: AF88X120-amber 590nm-clear PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

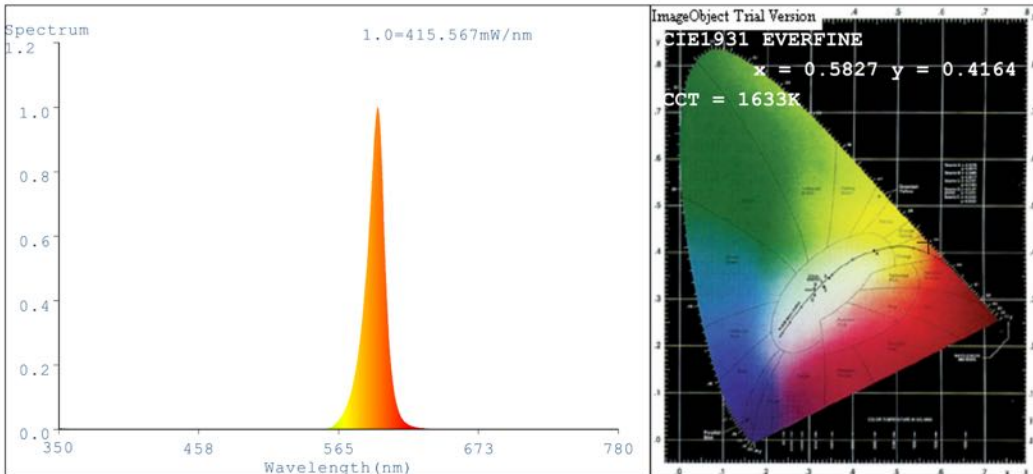


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

**SPECTRUM TEST REPORT - FLAT & FLYT 120 590NM AMBER - Clear Polycarbonate Lens**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5827$   $y=0.4164$  /  $u'=0.3412$   $v'=0.5486$   
 CCT=1633K (Duv=-0.0052) Dominant WL:Ld =591.3nm Purity=99.9%  
 Ratio:R=14.3% G=85.7% B=0.0% Peak WL:Lp=595.0nm FWHM=14.5nm  
 Render Index:Ra=11.8 CRI=11.4 AvgR=10.7  
 R1=0 R2=48 R3=13 R4=0 R5=0 R6=34 R7=0 R8=0 R9=0 R10=23 R11=0  
 R12=0 R13=0 R14=42 R15=0

**Photo Parameters:**

Flux = 3608 lm Eff. : 29.48 lm/W Fe = 7.322 W

**Electrical parameters:**

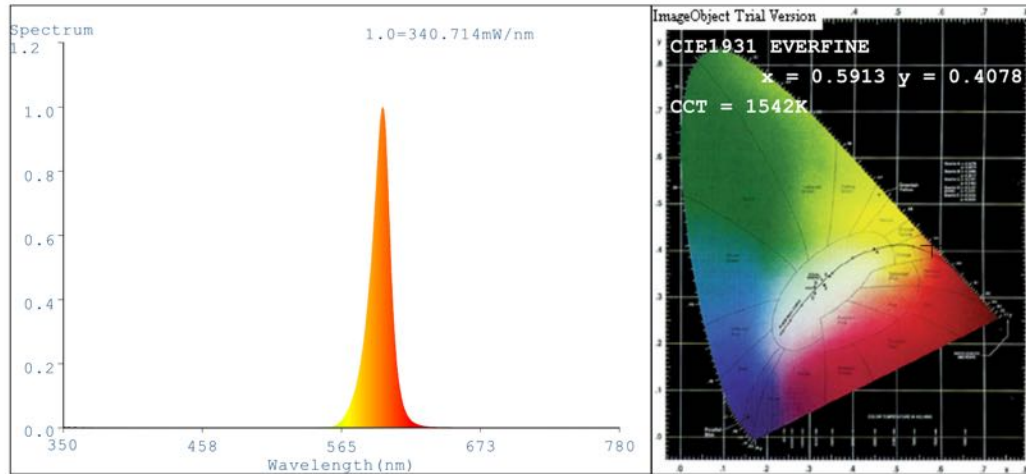
V = 219.71 V I = 0.5671 A P = 122.4 W PF = 0.9822  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 18 ms Ip = 48250 (74%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:N-00007  
 Date:2024-01-03 11:33  
 Humidity:65.0%  
 Remarks:---

**SPECTRUM TEST REPORT - FLAT & FLYT 160 590NM AMBER - Clear Polycarbonate Lens**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.5913$   $y=0.4078$  /  $u'=0.3525$   $v'=0.5469$   
 CCT=1542K (Duv=-0.0041) Dominant WL:Ld =592.9nm Purity=99.9%  
 Ratio:R=22.3% G=77.7% B=0.0% Peak WL:Lp=597.0nm FWHM=15.8nm  
 Render Index:Ra=13.1 CRI=12.7 AvgR=11.8  
 R1=0 R2=51 R3=12 R4=0 R5=0 R6=42 R7=0 R8=0 R9=0 R10=30 R11=0 R12=0  
 R13=0 R14=42 R15=0

**Photo Parameters:**

Flux = 3087 lm Eff. : 19.12 lm/W Fe = 6.465 W

**Electrical parameters:**

V = 219.68 V I = 0.7436 A P = 161.4 W PF = 0.9883  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 23 ms Ip = 50776 (77%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:N-00006  
 Date:2024-01-03 11:31  
 Humidity:65.0%  
 Remarks:---

## FLAT & FLYT 120 590NM AMBER- FIXTURE TEST REPORT - FROSTED POLYCARBONATE LENS



Light Output Ratio:	100.0%
Luminaire Power:	120.2 W
90% Beam Spread	43.8V x 43.7H
50% Beam Lumens	702.2 lumens per klm.

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

**Maximum Intensity**  
(Luminaire orientation as tested.)

372.6 cd per klm.  
0.0 degrees vertical  
0.0 degrees horizontal

**Beam Spread**

At 10% of Imax	159.2V x 159.0H
At 50% of Imax	107.1V x 107.0H
At 90% of Imax	43.8V x 43.7H

**Beam Flux**

Total	999.8 lumens per klm.
To 10% of Imax	982.7 lumens per klm.
To 50% of Imax	702.2 lumens per klm.
To 90% of Imax	160.8 lumens per klm.

Upward LOR: 0.0 %  
Downward LOR: 100.0 %

Luminaire Efficiency (Light Output Ratio): 100.0 %

H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG Test  
Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

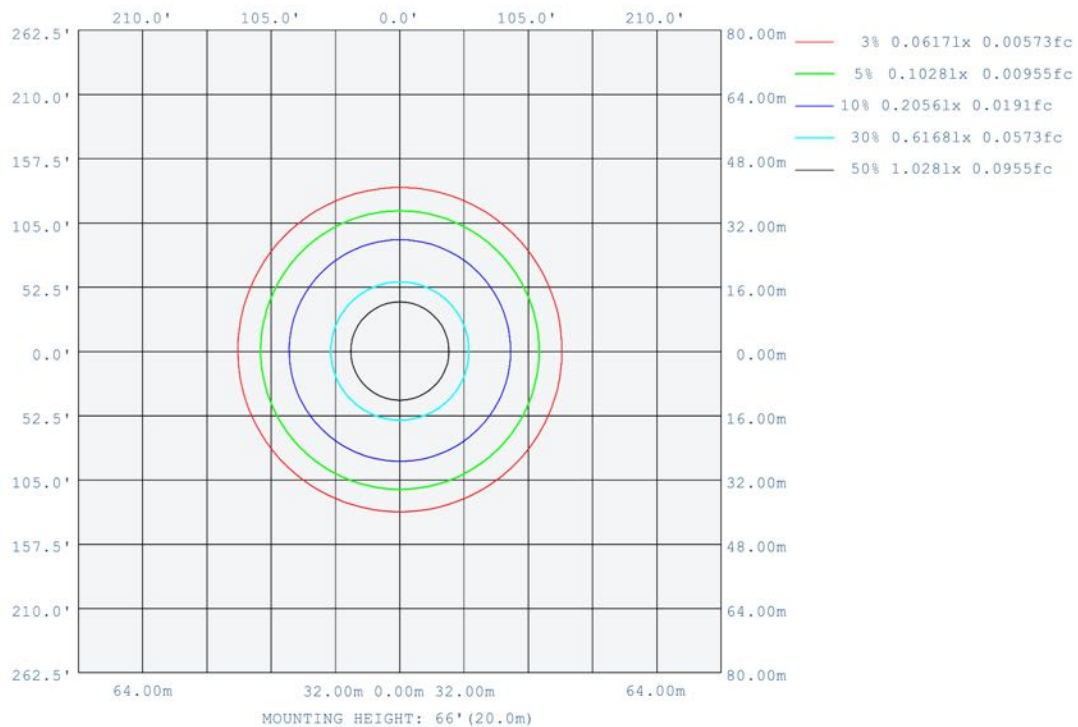
V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7 Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

H(□) Range:-90 - 90DEG  
H(□) Interval:1.0DEG Test  
Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

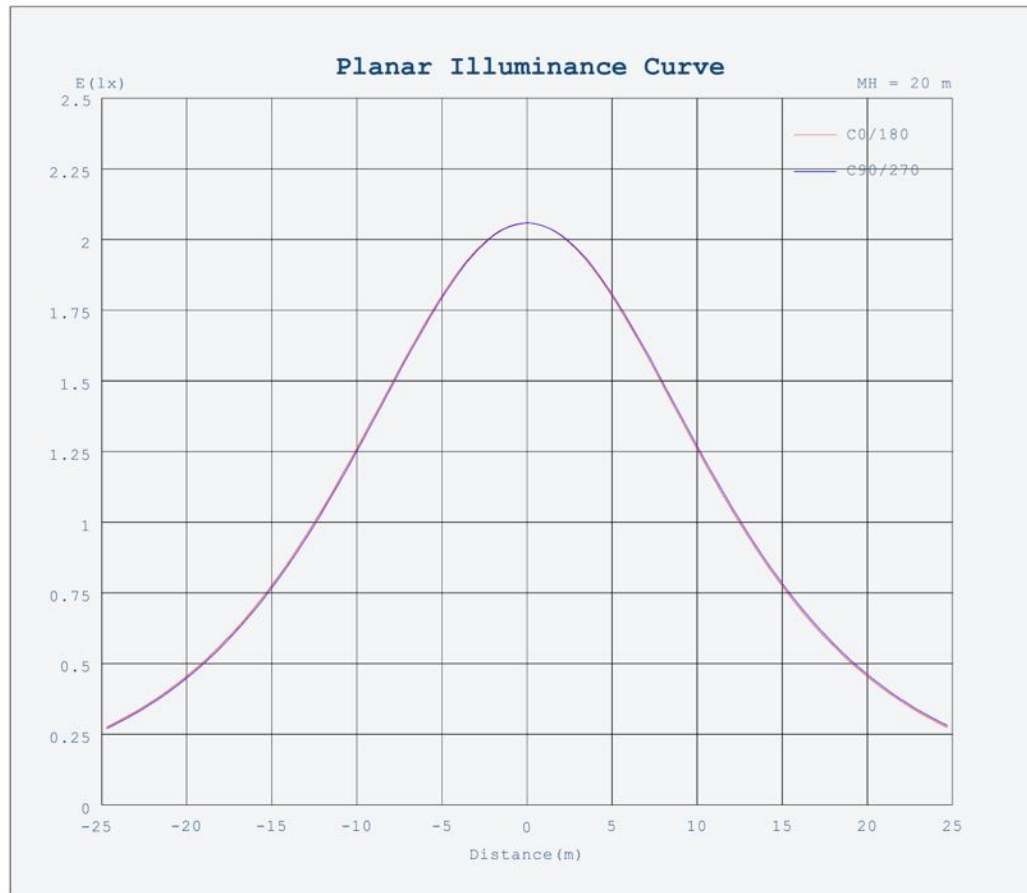
V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

Test:U:233.1V I:0.5274A P:120.2W PF:0.978 Freq:50.03Hz Lamp Flux:2210.92x1 lm		
NAME: AF88X120-amber 590nm-frosted PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



### Planar Illuminance Curve



H (□) Range:-90 - 90DEG  
H (□) Interval:1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

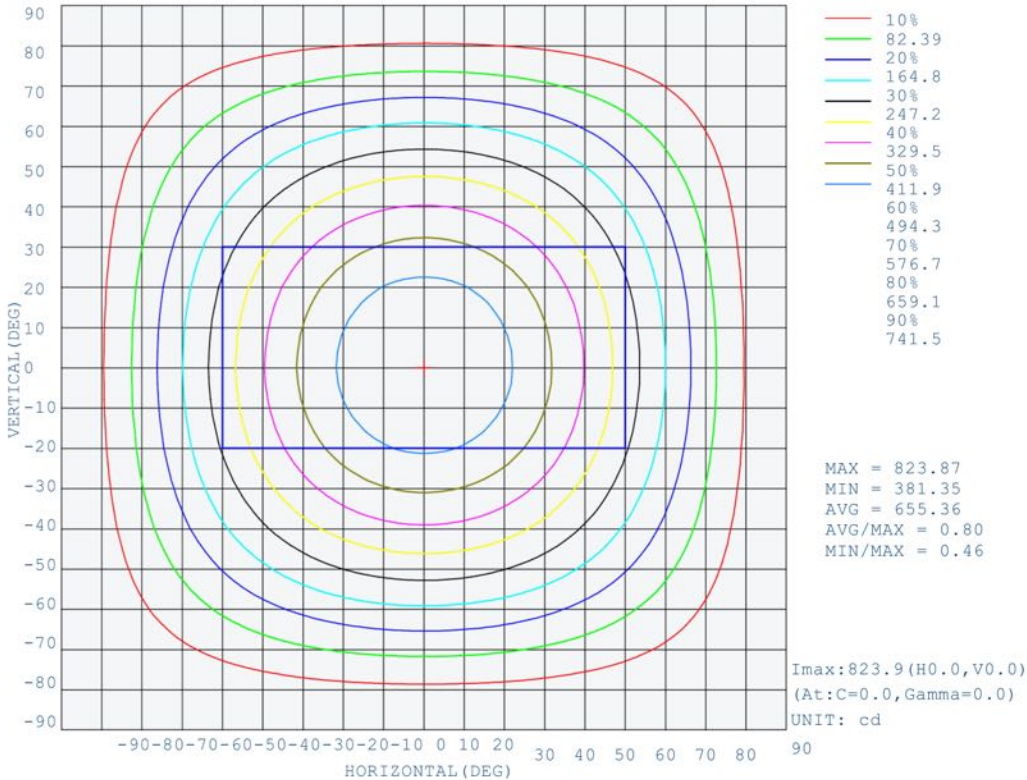
V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

H (□) Range:-90 - 90DEG  
H (□) Interval:1.0DEG Test  
Speed: HIGH  
Temperature:25.3DEG  
Operators:Guohong  
Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
Humidity:65.0%  
TestDistance:8.365m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:233.1V I:0.5274A P:120.2W PF:0.978 Freq:50.03Hz Lamp Flux:2210.92x1 lm		
NAME: AF88X120-amber 590nm-frosted PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

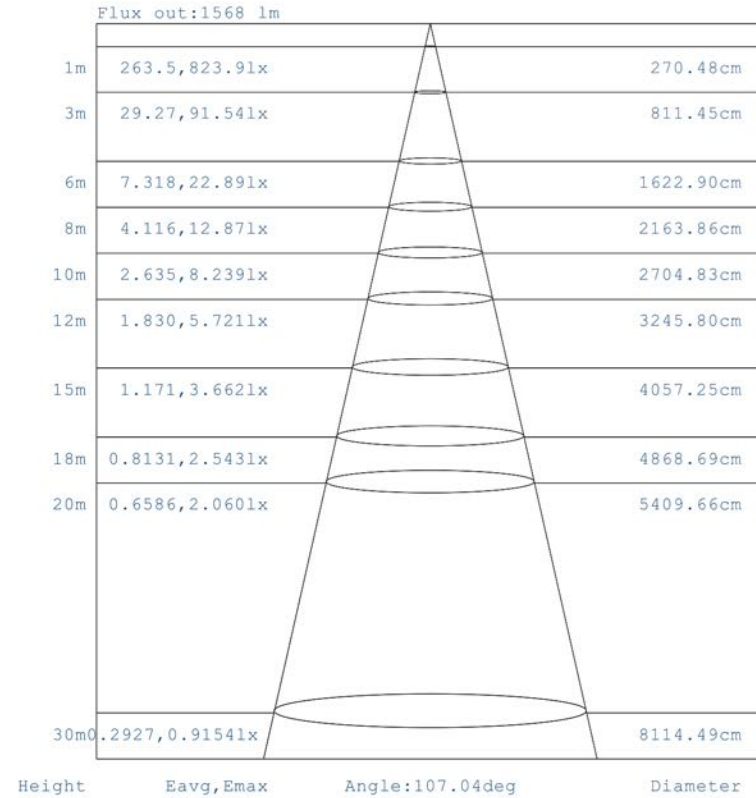


H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

### AAI Figure

Test:U:233.1V I:0.5274A P:120.2W PF:0.978 Freq:50.03Hz Lamp Flux:2210.92x1 lm		
NAME: AF88X120-amber 590nm-frosted PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

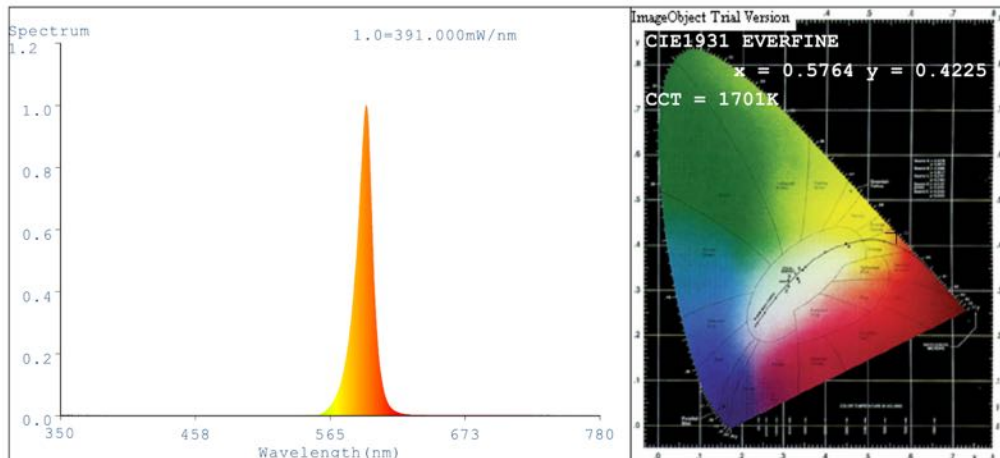


**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG  
 H(□) Interval:1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Guohong  
 Test Date:2023-12-29

V(B) Range:-90 - 90DEG  
 V(B) Interval: 2.0DEG  
 TestSystem:EVERFINEGO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 TestDistance:8.365m [K=1.0000]  
 Remarks:

**SPECTRUM TEST REPORT - FLAT & FLYT 120 590NM AMBER - Frosted Polycarbonate Lens**



**Color Parameters:**

Chromaticity Coordinate:x=0.5764 y=0.4225/u'=0.3333 v'=0.5497  
 CCT=1701K(Duv=0.0060) Dominant WL:Ld =590.3nm Purity=99.9%  
 Ratio:R=10.3% G=89.7% B=0.0% Peak WL:Lp=593.7nm FWHM=13.8nm  
 Render Index:Ra=11.3 CRI=10.9 AvgR=10.1  
 R1=0 R2=46 R3=14 R4=0 R5=0 R6=30 R7=0 R8=0 R9=0 R10=19 R11=0  
 R12=0 R13=0 R14=43 R15=0

**Photo Parameters:**

Flux = 3349 lm Eff. : 27.07 lm/W Fe = 6.696 W

**Electrical parameters:**

V = 219.48 V I = 0.5736 A P = 123.7 W PF = 0.9826

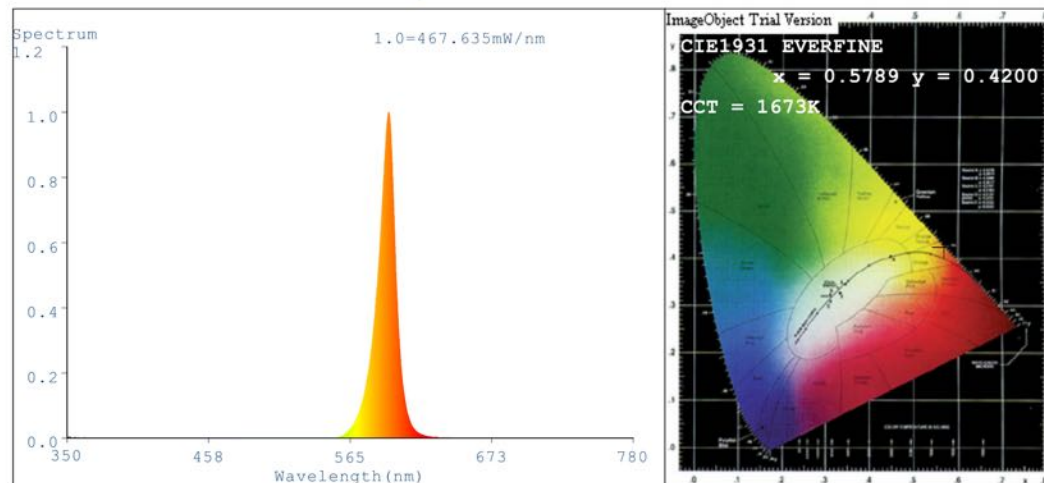
LEVEL:OUT WHITE:OUT

Status: Integral T = 21 ms Ip = 52905 (81%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:1  
 Date:2024-01-03 17:11  
 Humidity:65.0%  
 Remarks:---

**SPECTRUM TEST REPORT - FLAT & FLYT 160 590NM AMBER - Frosted Polycarbonate Lens**



**Color Parameters:**

Chromaticity Coordinate:x=0.5764 y=0.4225/u'=0.3333 v'=0.5497  
 CCT=1701K(Duv=0.0060) Dominant WL:Ld =590.3nm Purity=99.9%  
 Ratio:R=10.3% G=89.7% B=0.0% Peak WL:Lp=593.7nm FWHM=13.8nm  
 Render Index:Ra=11.3 CRI=10.9 AvgR=10.1  
 R1=0 R2=46 R3=14 R4=0 R5=0 R6=30 R7=0 R8=0 R9=0 R10=19 R11=0  
 R12=0 R13=0 R14=43 R15=0

**Photo Parameters:**

Flux = 4028 lm Eff. : 25.01 lm/W Fe = 8.119 W

**Electrical parameters:**

V = 219.64 V I = 0.7420 A P = 161.1 W PF = 0.9884

LEVEL:OUT WHITE:OUT

Status: Integral T = 16 ms Ip = 48248 (74%)

Model:LIGHT  
 Tester:DAMIN  
 Temperature:25.3Deg  
 Manufacturer:EVERFINE

Number:2  
 Date:2024-01-03 17:14  
 Humidity:65.0%  
 Remarks:---