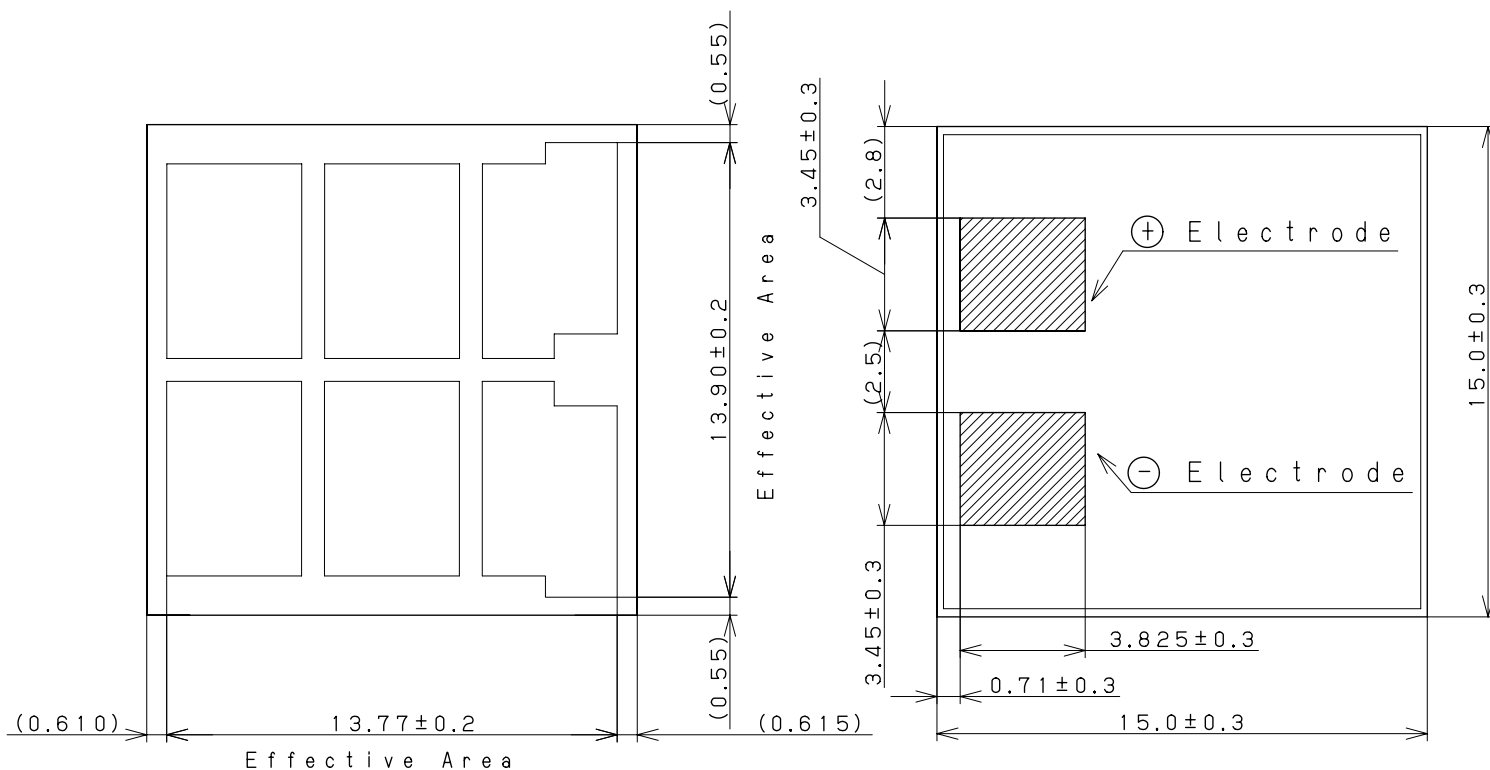


Model : AM-1606C

## 1. Outside dimensions 外形寸法

Light Receiving Side (受光面)

Overcoat Side (オーバーコート面)



(dimension:mm)

## Note

Glass Substrate Thickness (ガラス基板厚) :  $0.7\text{mm} \pm 0.1$ Module Thickness (モジュール厚) :  $0.9\text{mm MAX}$ 

Accepts normal soldering for bending

(一般の半田を使用してリード線付けが可能です。)

## 2. Rated Specifications (at 25°C)

Item	Specifications (Initial)
2.1 Open circuit voltage: $V_{oc}$ 開放電圧	Typical 3.7V at 200Lx FL
2.2 Short circuit Current: $I_{sc}$ 短絡電流	Typical $3.6 \mu\text{A}$ at 200Lx FL
2.3 Operating Voltage & Operating Current: $V_{ope} - I_{ope}$ 動作特性	Minimum 2.6V - $2.4 \mu\text{A}$ at 200Lx FL
	Typical 2.6V - $3.4 \mu\text{A}$ at 200Lx FL
2.4 Working temperature range: $T_{opr}$ 動作温度範囲	-10 to 60°C
2.5 Storage temperature range: $T_{stg}$ 保存温度範囲	-20 to 70°C

FL: White Fluorescent Light

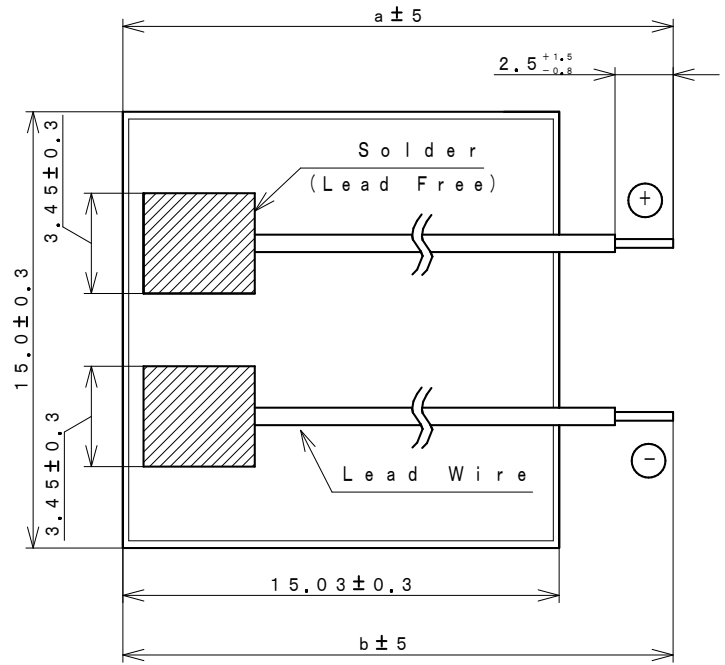
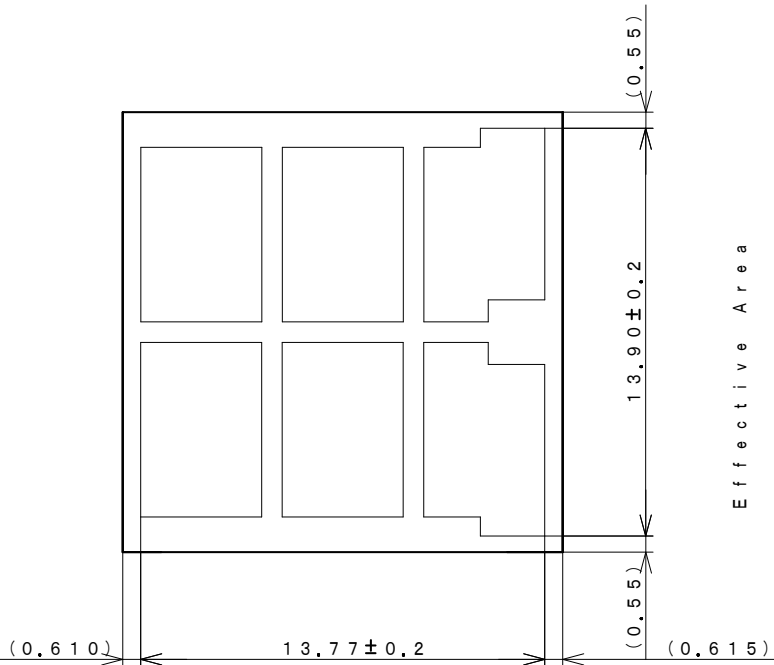
アモルファスシリコン太陽電池 仕様

Model : AM-1606CA

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)

Overcoat Side (オーバーコート面)



Effective Area

(dimension : mm)

Lead Wires : AWG28	
a : 52	b : 52

Note  
 Glass Substrate Thickness (ガラス基板厚) : 0.7mm ± 0.1  
 Module Thickness (モジュール厚) : 0.9mm MAX  
 Wire-Solder thickness : 3.0mm MAX (including Module)  
 (リード線半田付け部厚)

2. Rated Specifications (at 25°C)

Item	Specifications (Initial)
2.1 Open circuit voltage : Voc 開放電圧	Typical 3.7V at 200Lx FL
2.2 Short circuit Current : Isc 短絡電流	Typical 3.6 μA at 200Lx FL
2.3 Operating Voltage & Operating Current : Vope - Iope 動作特性	Minimum 2.6V - 2.4 μA at 200Lx FL
	Typical 2.6V - 3.4 μA at 200Lx FL
2.4 Working temperature range : Topr 動作温度範囲	-10 to 60°C
2.5 Storage temperature range : Tstg 保存温度範囲	-20 to 70°C

FL : White Fluorescent Light

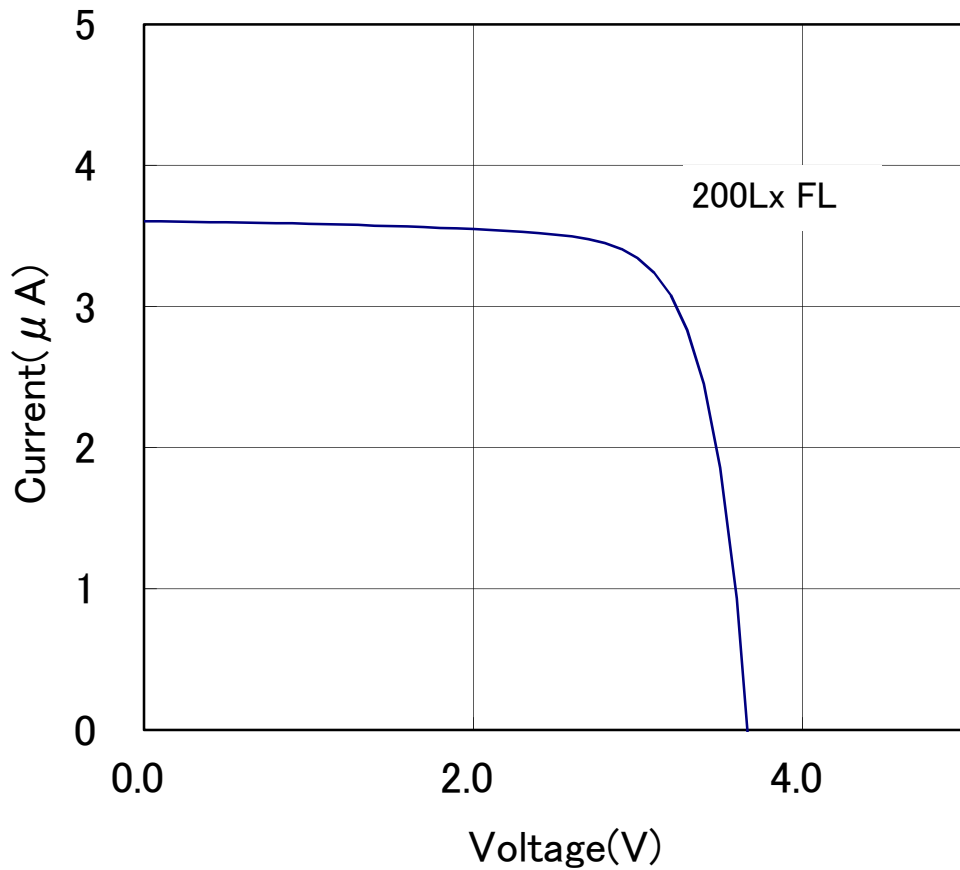
# I - V Characteristics

REFERENCE

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

FL:White Fluorescent Light



\*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

\*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

Panasonic Solar Amorton Co.,Ltd.

2019/7/25

# 出力の照度依存特性

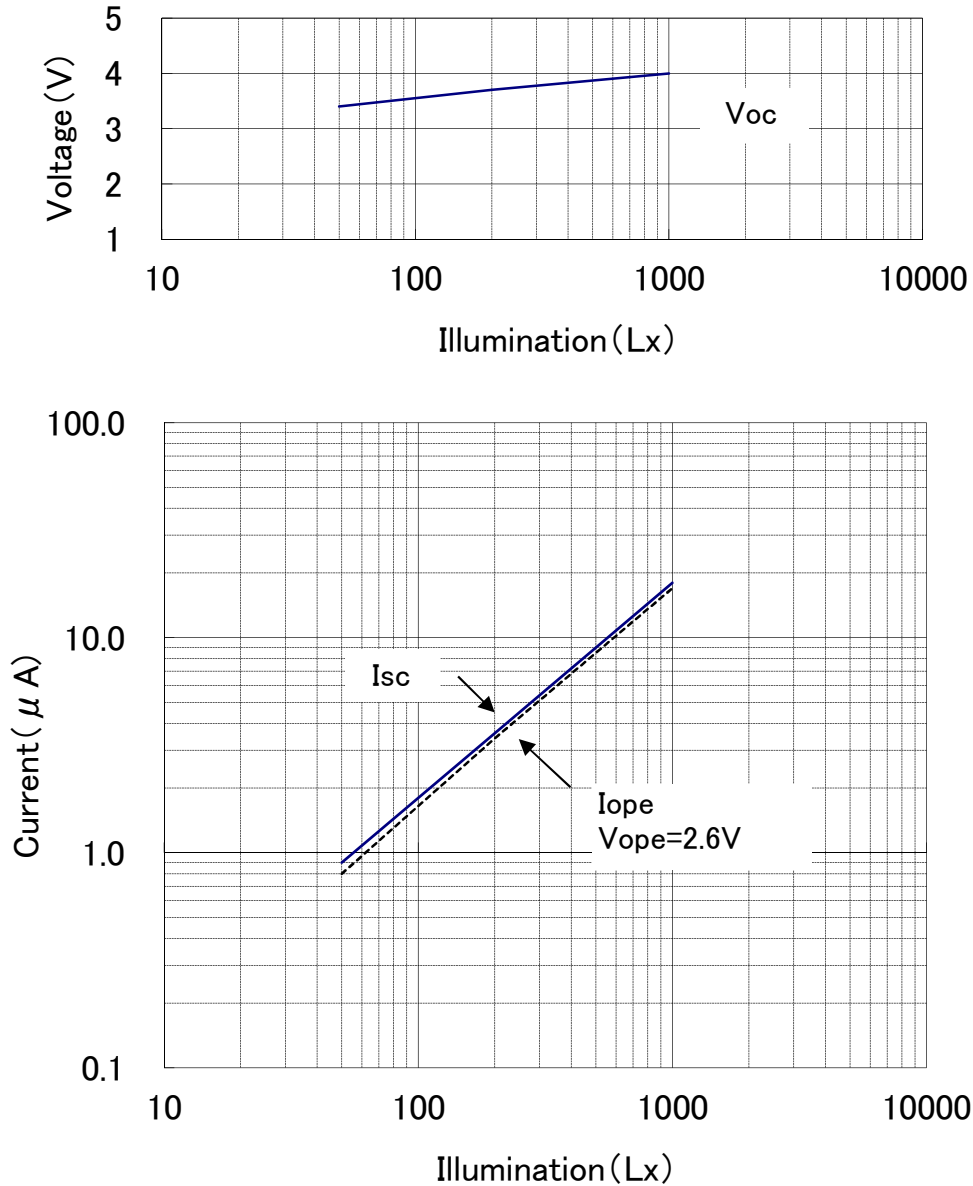
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

FL:White Fluorescent Light



\*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

\*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

# 出力の温度依存特性

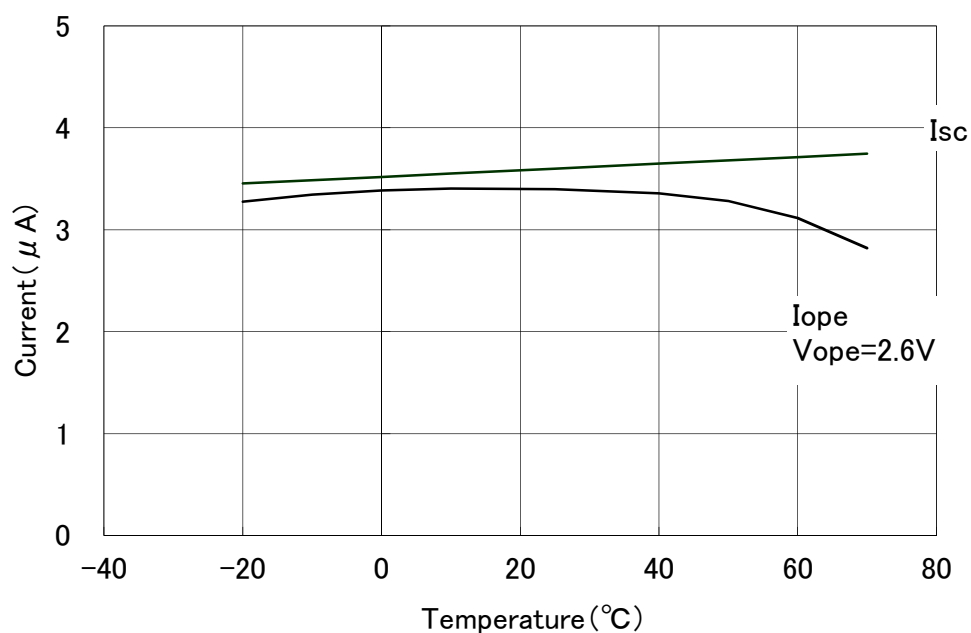
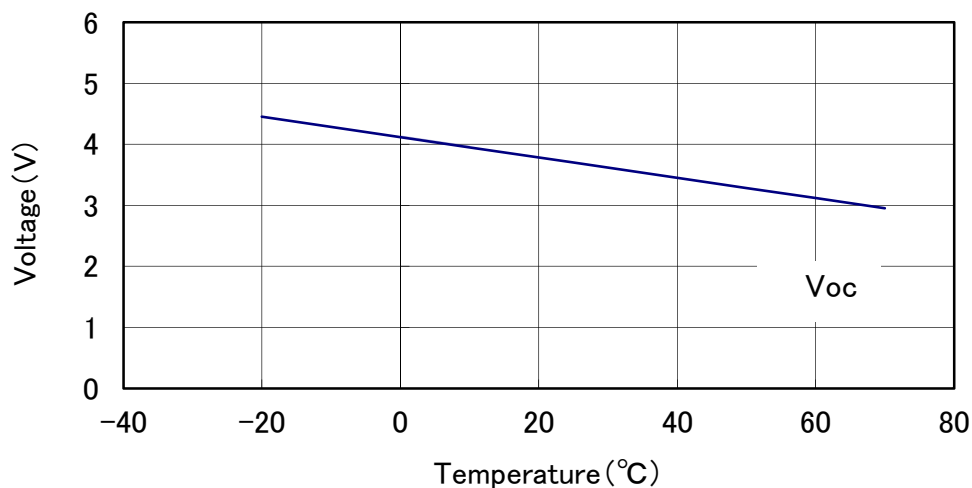
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

at 200Lx White Fluorescent Light



\*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

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2019/7/25