

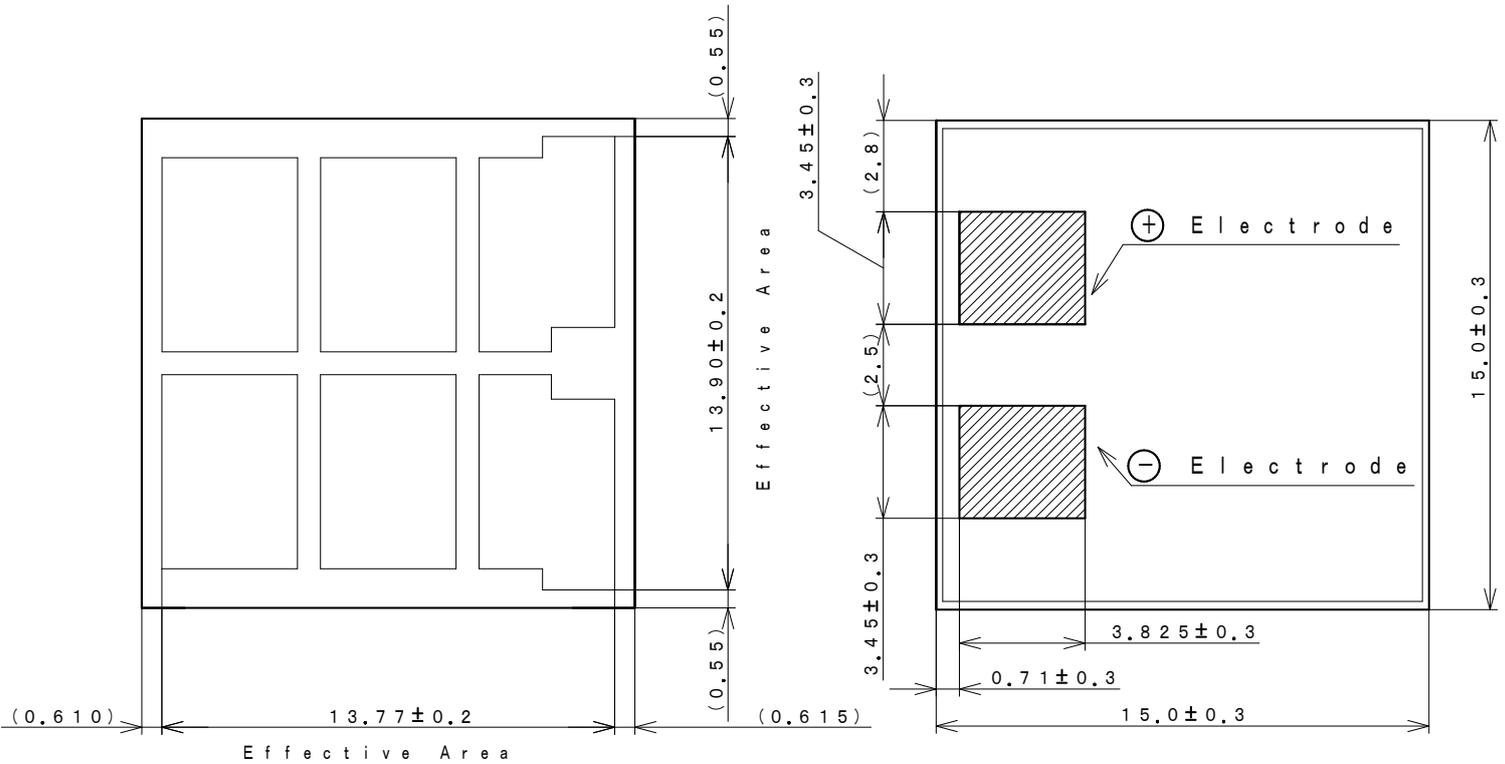
アモルファスシリコン太陽電池 仕様

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) : 0.9mmMAX

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 μ A at 200Lx FL
2.3 Operating Voltage & Operating Current : $V_{ope} - I_{ope}$ 動作特性	Minimum 2.6V - 2.4 μ A at 200Lx FL
	Typical 2.6V - 3.4 μ 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

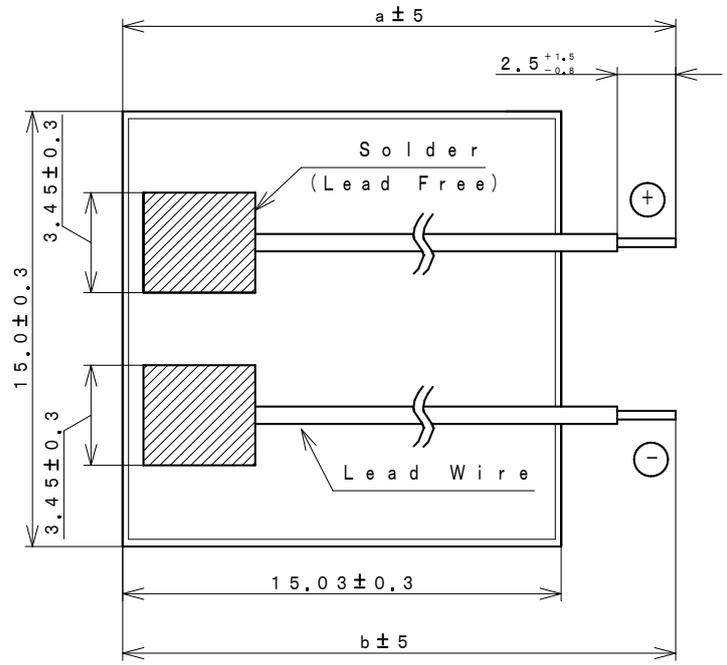
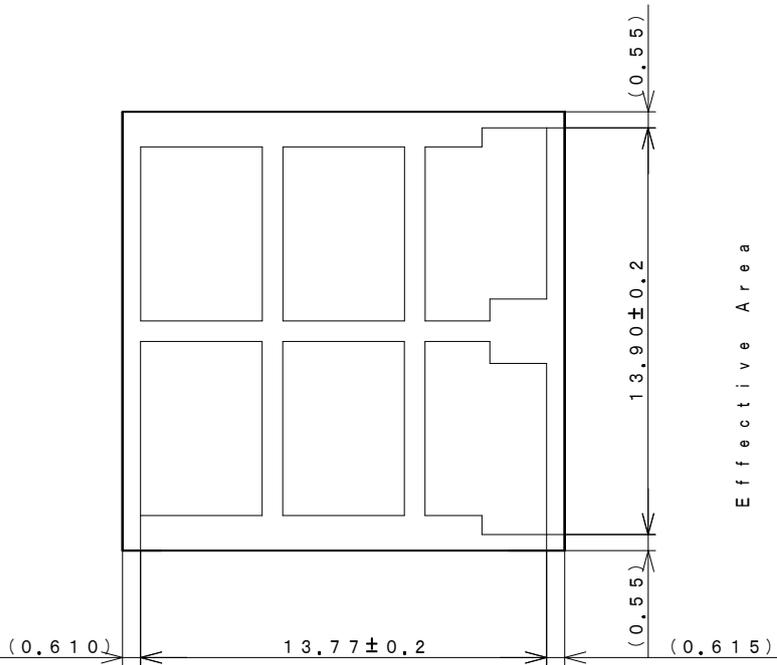
アモルファスシリコン太陽電池 仕様

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) : $0.7\text{mm} \pm 0.1$
 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
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FL: White Fluorescent Light

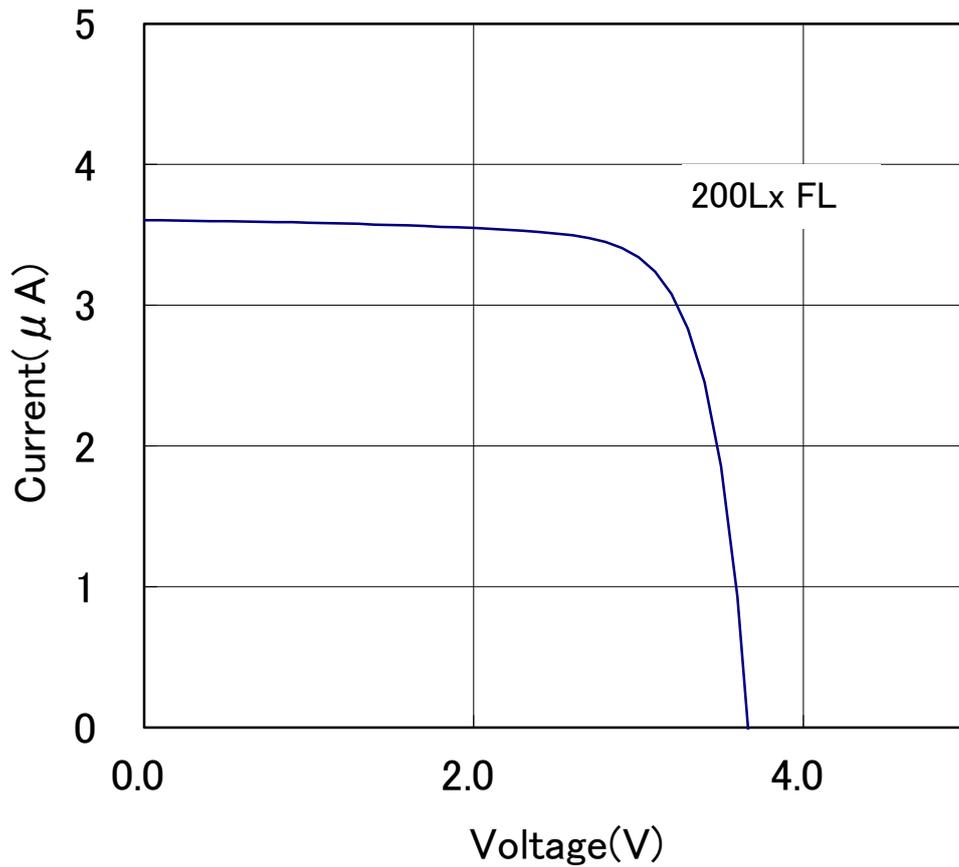
I - V Characteristics

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.

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出力の照度依存特性

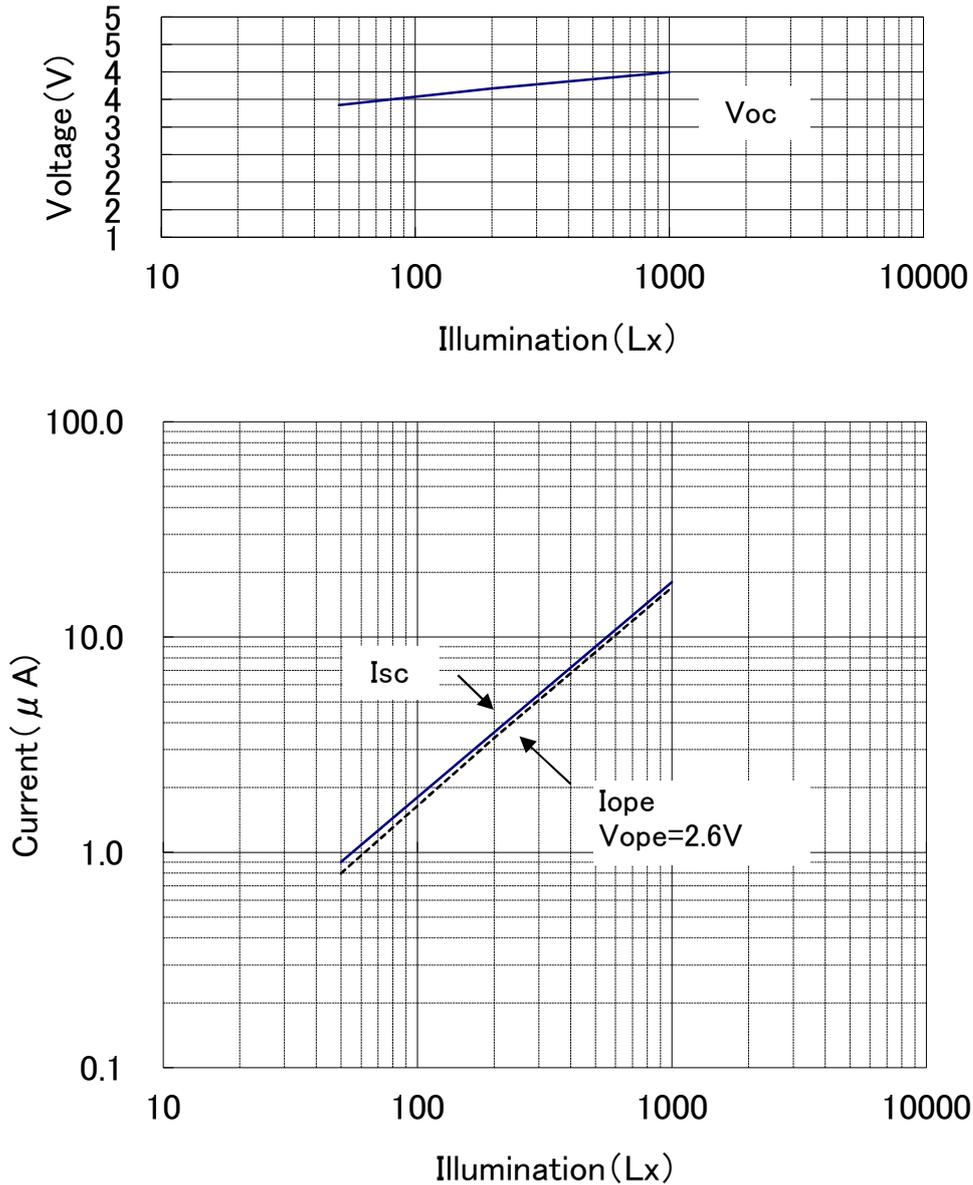
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

FL:White Fluorescent Light



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出力の温度依存特性

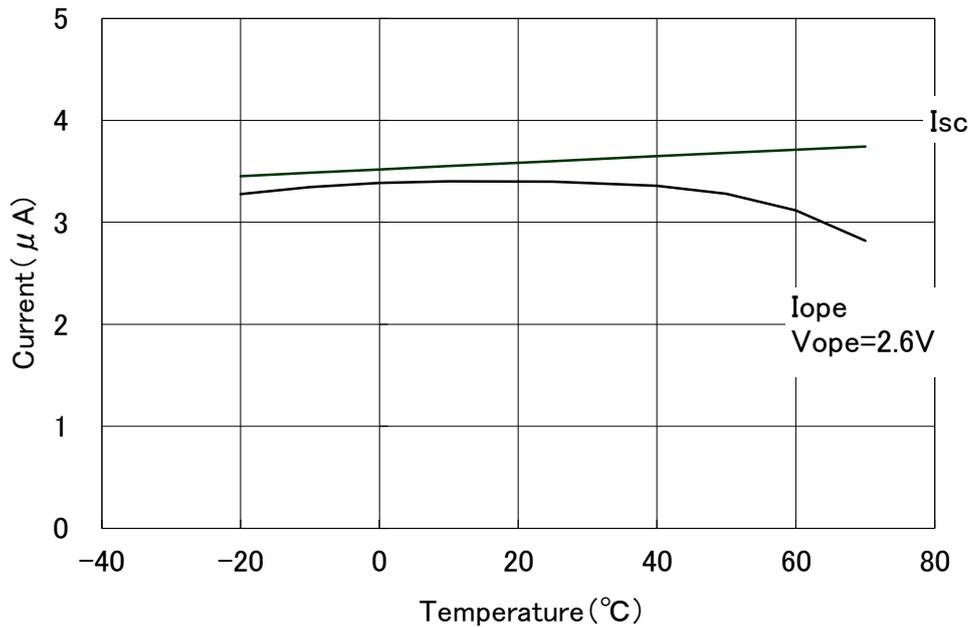
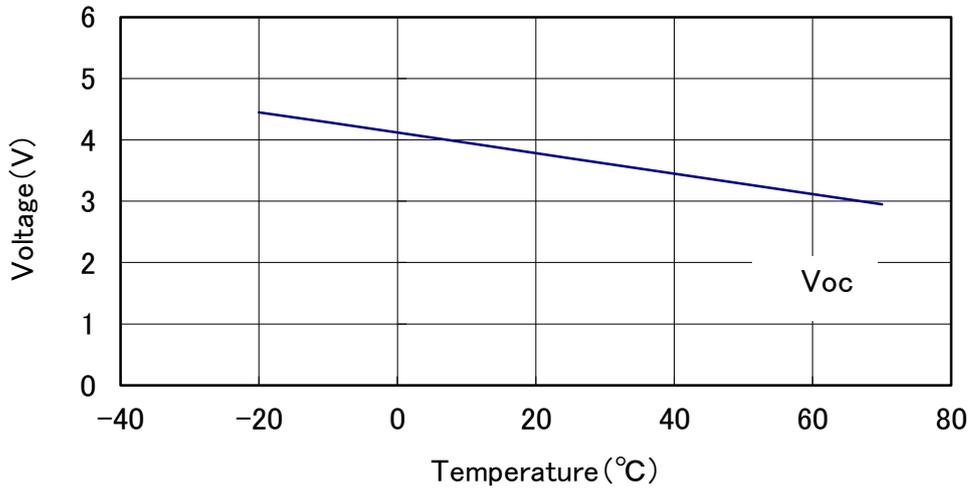
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

at 200Lx White Fluorescent Light



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