

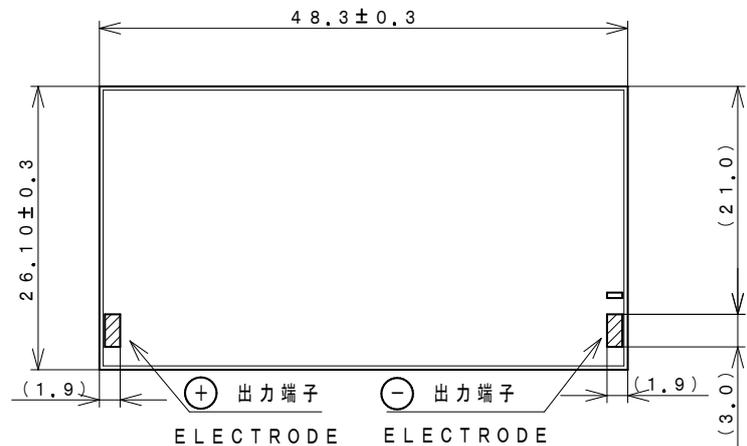
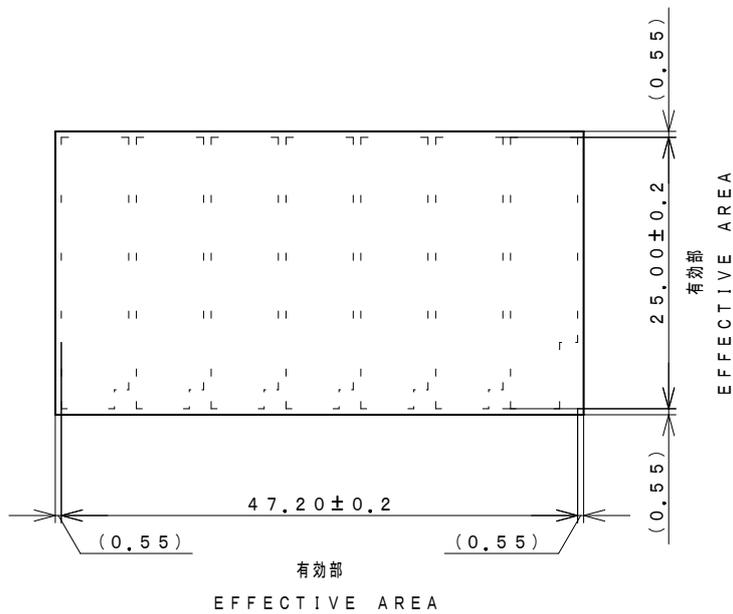
アモルファスシリコン太陽電池 仕様

Model : AMG-1701C

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) : $1.1\text{mm} \pm 0.1$ Module Thickness (モジュール厚) : 1.3mm MAX

Solderable (半田付け可能)

2. Rated Specifications (at $25^\circ\text{C} \pm 2^\circ\text{C}$)

Item	Specifications (Initial)		
2.1 Open Circuit Voltage : V_{oc} 開放電圧	Minimum	4.3V	at 200Lx FL
	Typical	4.7V	at 200Lx FL
2.2 Short Circuit Current : I_{sc} 短絡電流	Typical	26.0 μA	at 200Lx FL
2.3 Operating Voltage & Operating Current : $V_{ope} - I_{ope}$ 動作特性	Minimum	3.0V - 20.1 μA	at 200Lx FL
	Typical	3.0V - 25.2 μA	at 200Lx FL
2.4 Maximum Power Voltage (V_{pm}) & Maximum Power Current (I_{pm}) 最大出力動作電圧 & 最大出力動作電流	Typical	3.7V - 22.6 μA	at 200Lx FL
2.5 Working Temperature Range : T_{opr} 動作温度範囲		-10 to 60 $^\circ\text{C}$	
2.6 Storage Temperature Range : T_{stg} 保存温度範囲		-20 to 70 $^\circ\text{C}$	
2.7 Working Illuminance Range 使用照度範囲		~1000Lx	

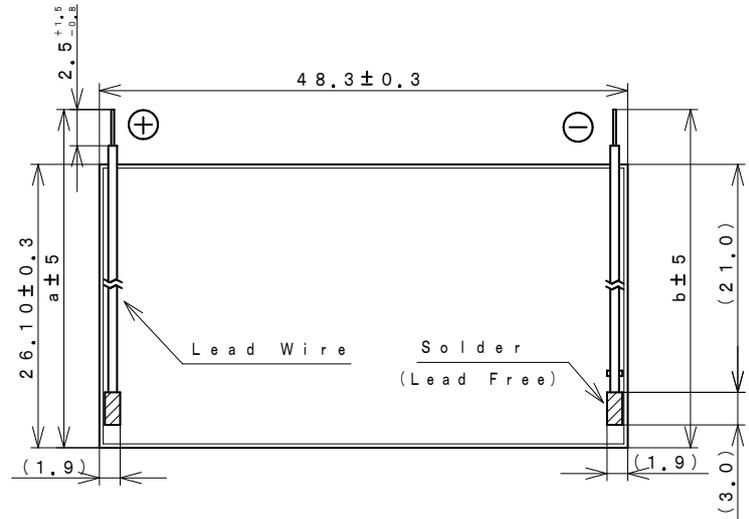
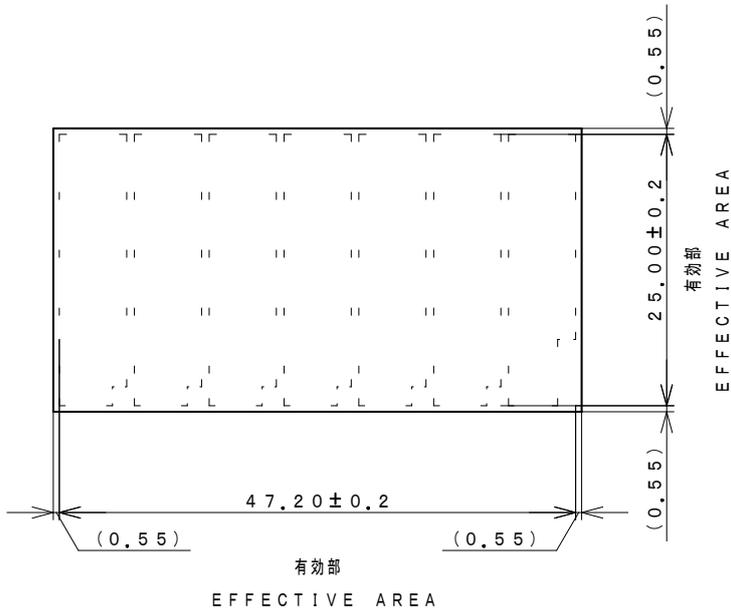
アモルファスシリコン太陽電池 仕様

Model : AMG-1701CA

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)

Lead Wires : AWG28	
a : 53	b : 53

Note

Glass Substrate Thickness (ガラス基板厚) : 1.1mm ± 0.1
 Module Thickness (モジュール厚) : 1.3mm MAX
 Wire-Overcoat thickness : 2.5mm MAX (including Module)

2. Rated Specifications (at 25°C ± 2°C)

Item	Specifications (Initial)
2.1 Open Circuit Voltage : Voc 開放電圧	Minimum 4.3V at 200Lx FL Typical 4.7V at 200Lx FL
2.2 Short Circuit Current : Isc 短絡電流	Typical 26.0 μA at 200Lx FL
2.3 Operating Voltage & Operating Current : Vope - Iope 動作特性	Minimum 3.0V - 20.1 μA at 200Lx FL Typical 3.0V - 25.2 μA at 200Lx FL
2.4 Maximum Power Voltage (Vpm) & Maximum Power Current (Ipm) 最大出力動作電圧 & 最大出力動作電流	Typical 3.7V - 22.6 μA at 200Lx FL
2.5 Working Temperature Range : Topr 動作温度範囲	-10 to 60°C
2.6 Storage Temperature Range : Tstg 保存温度範囲	-20 to 70°C
2.7 Working Illuminance Range 使用照度範囲	~1000Lx

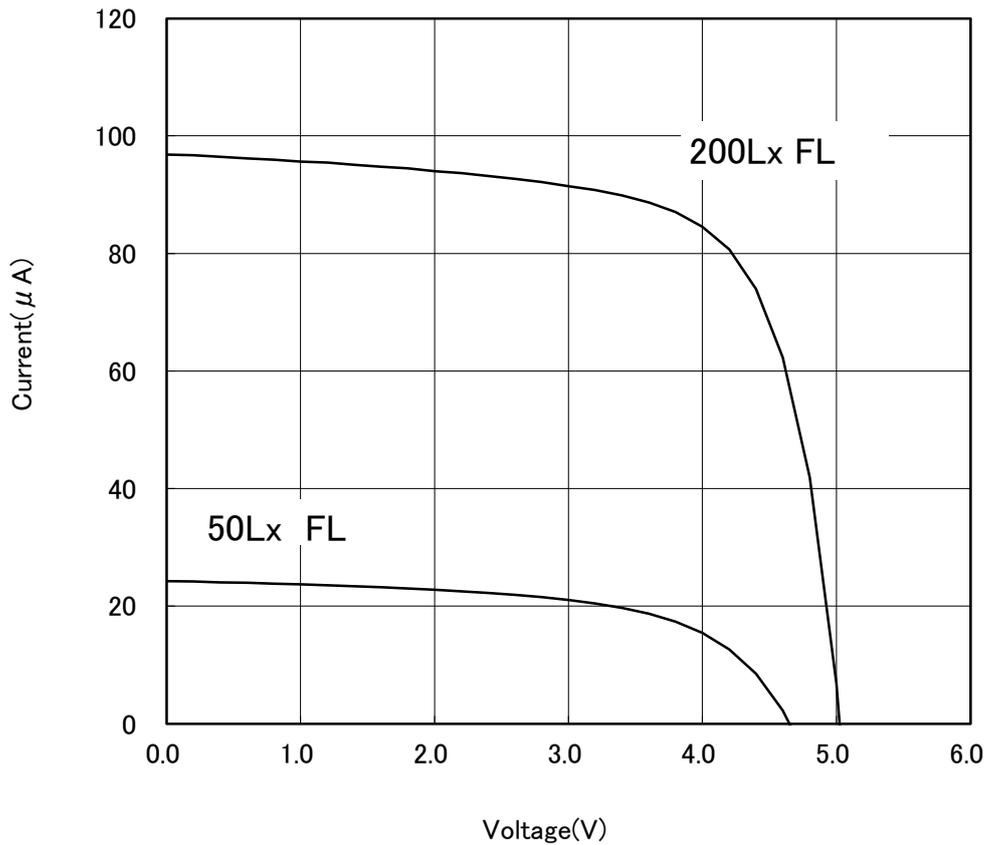
I - V Characteristics

REFERENCE

1.Model : AMG-1701C

2.Outside Dimension : 48.3mm × 26.1mm

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.

Amorton

2026/2/27

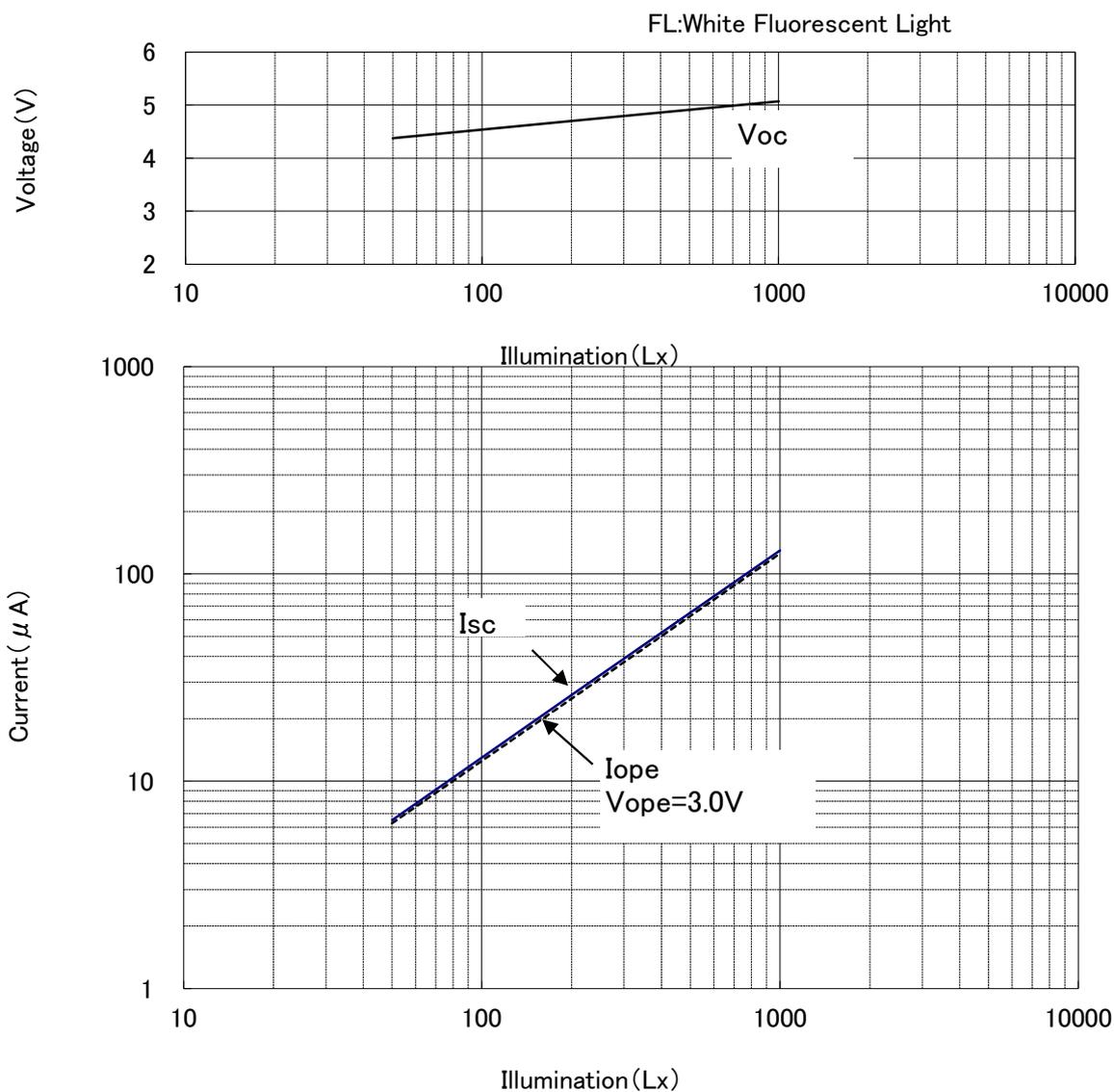
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1.Model : AMG-1701C

2.Outside Dimension : 48.3mm × 26.1mm



This data only represents simulated results, and does not guarantee the actual characteristics.

Amorton

2026/2/27

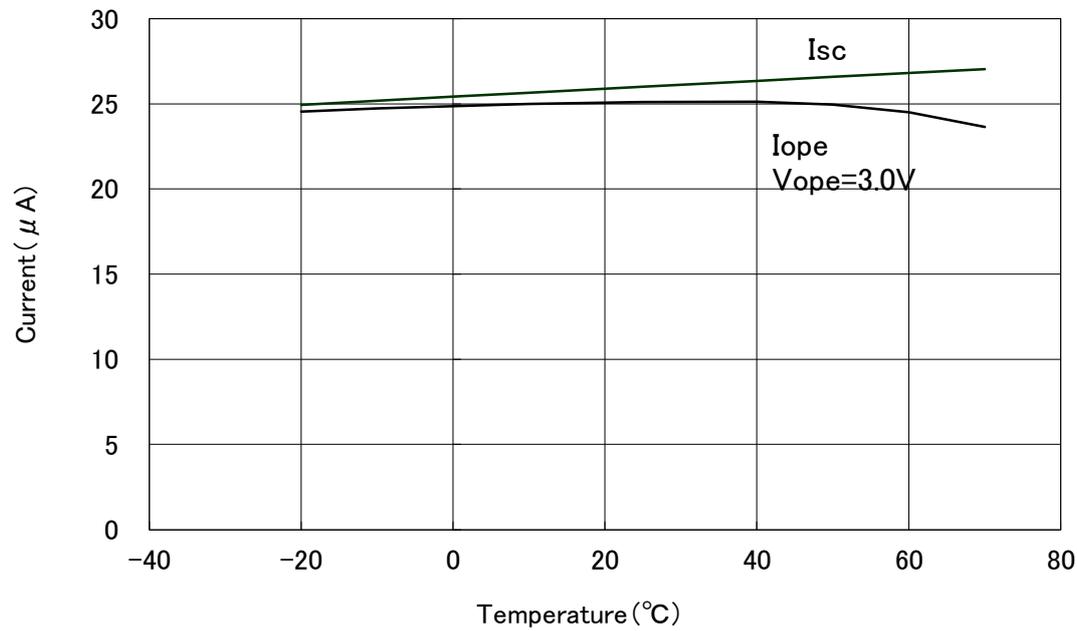
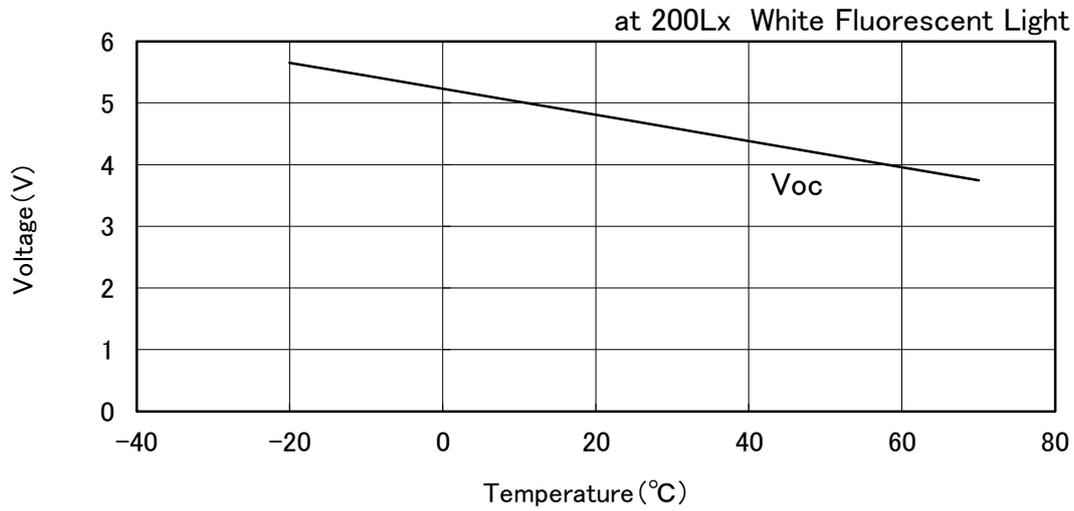
出力の温度依存特性

REFERENCE

Dependence of Output on Temperature

1.Model : AMG-1701C

2.Outside Dimension : 48.3mm × 26.1mm



This data only represents simulated results, and does not guarantee the actual characteristics.

Amorton

2026/2/27