

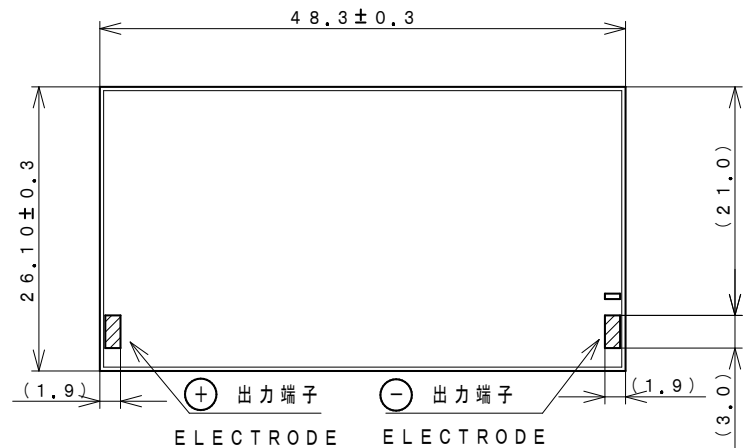
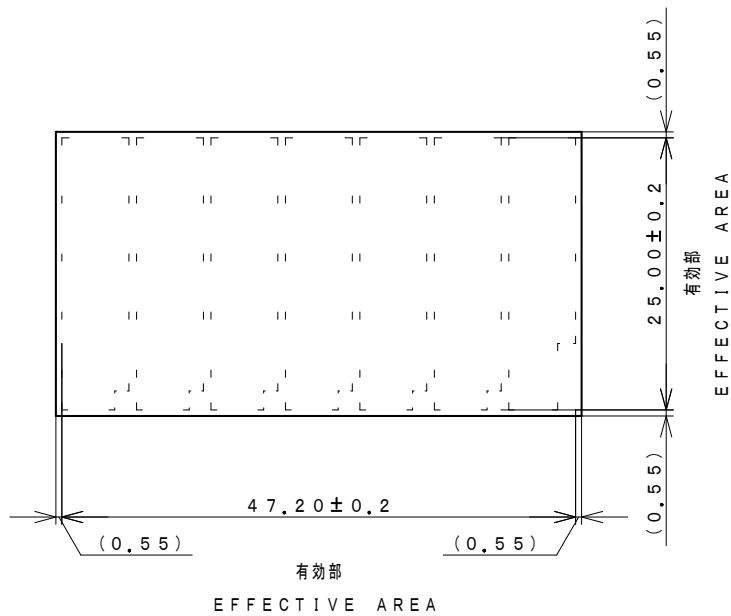
## アモルファスシリコン太陽電池 仕様

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) :  $1.3\text{mm MAX}$ 

Solderable (半田付け可能)

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

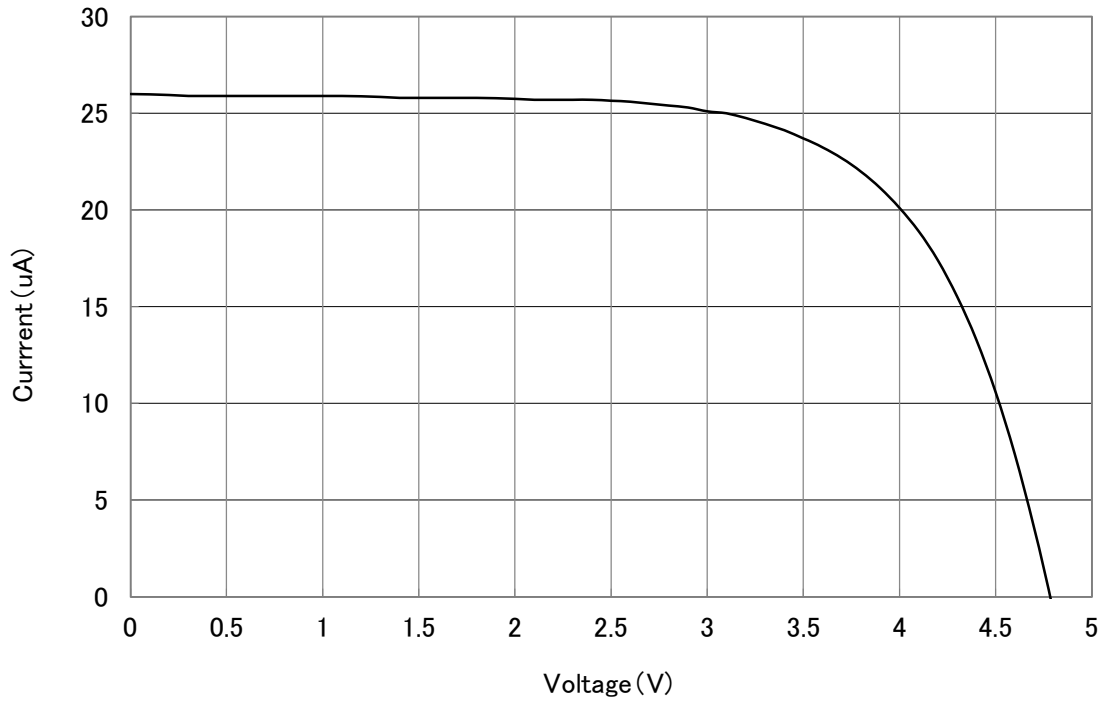
Item	Specifications (Initial)
2.1 Open Circuit Voltage : $V_{oc}$ 開放電圧	Minimum 4.3V at 200Lx FL Typical 4.7V at 200Lx FL
2.2 Short Circuit Current : $I_{sc}$ 短絡電流	Typical 26.0 $\mu\text{A}$ at 200Lx FL
2.3 Operating Voltage & Operating Current : $V_{ope} - I_{ope}$ 動作特性	Minimum 3.0V - 20.1 $\mu\text{A}$ at 200Lx FL Typical 3.0V - 25.2 $\mu\text{A}$ 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 $\mu\text{A}$ 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	$\sim 1000\text{Lx}$

## Indoor-Use Amorton (Improve Appearance) I-V characteristic data

Model : AMG-1701C

Dimension : 48.3mm × 26.1mm × 1.1mm

Measurement Source of Light : 200Lx White Fluorescent Light



\	Voc(V)	Isc(uA)	Iope(uA) Vope=3.0V	Pm(uW)	Vpm(V)	Ipm(μ A)
AMG-1701C	4.7	26.0	25.2	83.6	3.7	22.6

Voc: Open Circuit Voltage, Isc: Short Circuit Current

Iope: Operation Current, Vope: Operation Voltage

Pm: Maximum Power, Vpm: Maximum Power Operating Voltage

Ipm: Optimum Power Operating Current

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

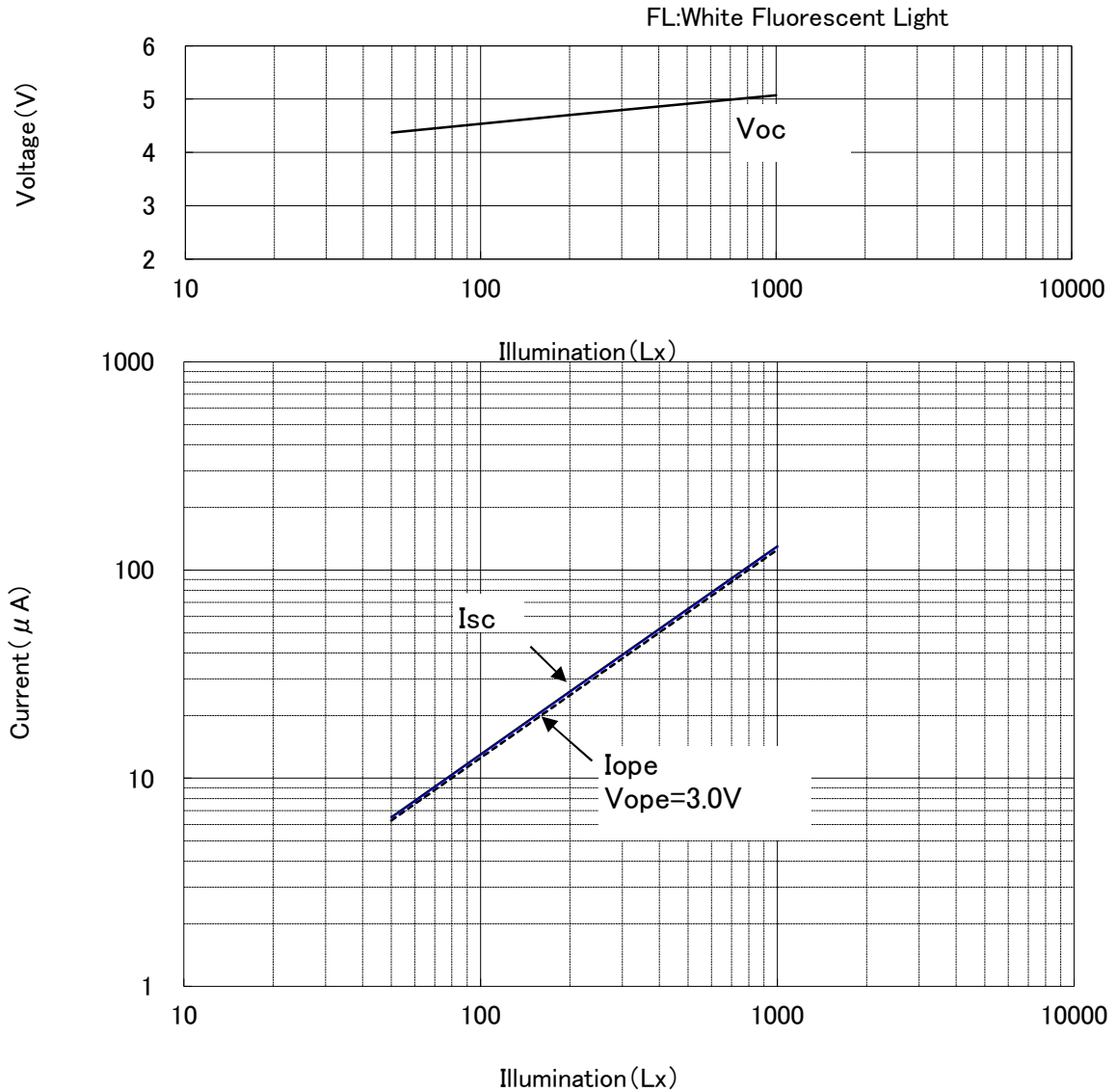
# 出力の照度依存特性

REFERENCE

## Dependence of Output on Illumination

1.Model : AMG-1701C

2.Outside Dimension : 48.3mm × 26.1mm mm



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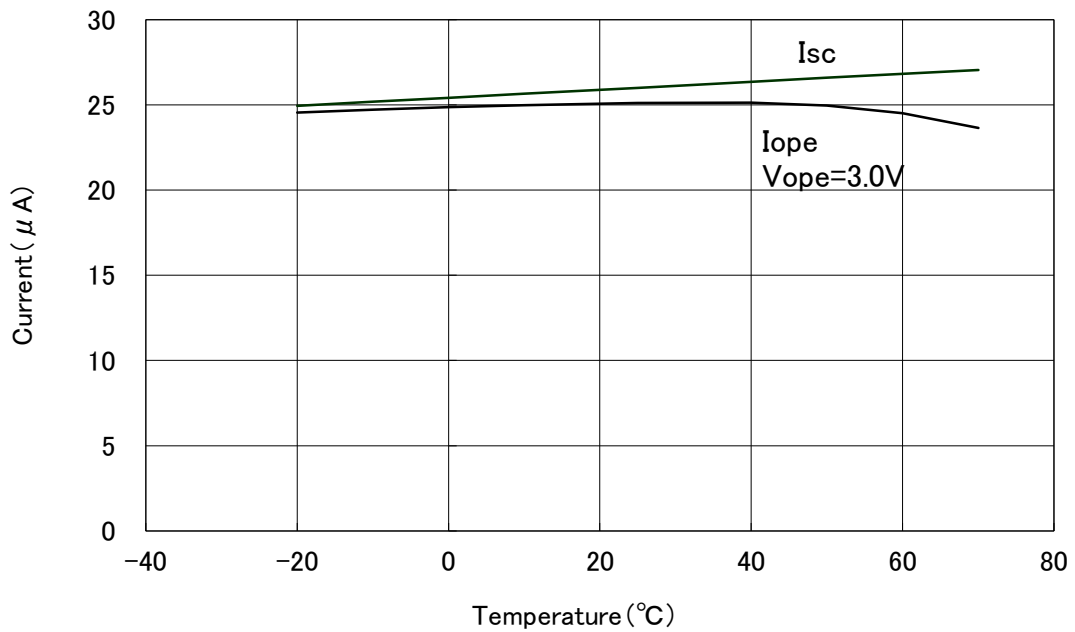
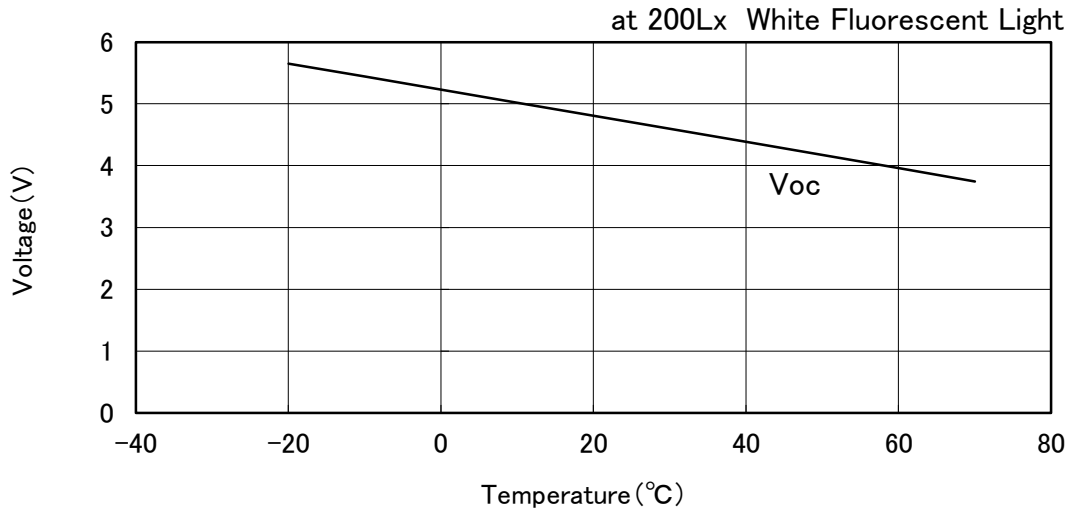
# 出力の温度依存特性

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.