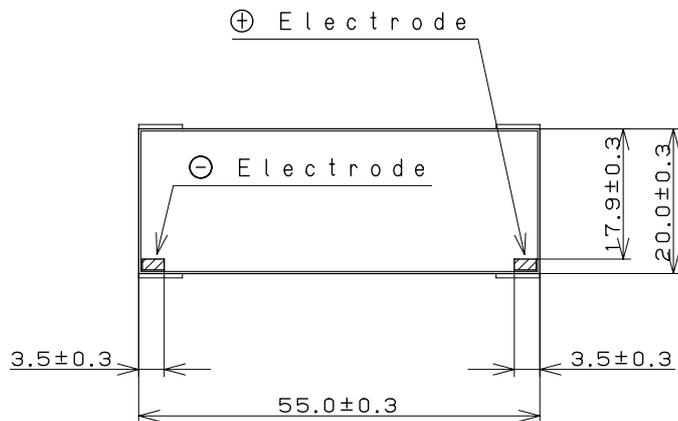
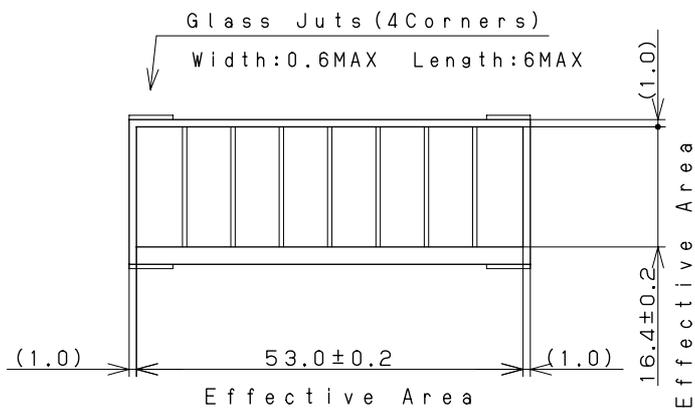


Model : AM-1805C

## 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) : 1.1mm ± 0.1

Module Thickness (モジュール厚) : 1.3mm MAX

Accepts normal soldering for bending

(一般の半田を使用してリート線付けが可能です。)

## 2. Rated Specifications (at 25°C)

| Item  | Specifications (Initial)           |
|---|------------------------------------|
| 2.1 Open circuit voltage: Voc<br>開放電圧                           | Typical 5.0V at 200Lx FL           |
| 2.2 Short circuit Current: Isc<br>短絡電流                          | Typical 16.8 μA at 200Lx FL        |
| 2.3 Operating Voltage &<br>Operating Current: Vope-lope<br>動作特性 | Typical 2.6V - 3.85 μA at 50Lx FL  |
|   | Minimum 3.0V - 12.0 μA at 200Lx FL |
|   | Typical 3.0V - 15.7 μA at 200Lx FL |
| 2.5 Working temperature range: Topr<br>動作温度範囲                   | -10 to 60°C                        |
| 2.6 Storage temperature range: Tstg<br>保存温度範囲                   | -20 to 70°C                        |
| 2.7 Working illuminance range<br>使用照度範囲                         | ~1000Lx                            |

FL: White Fluorescent Light

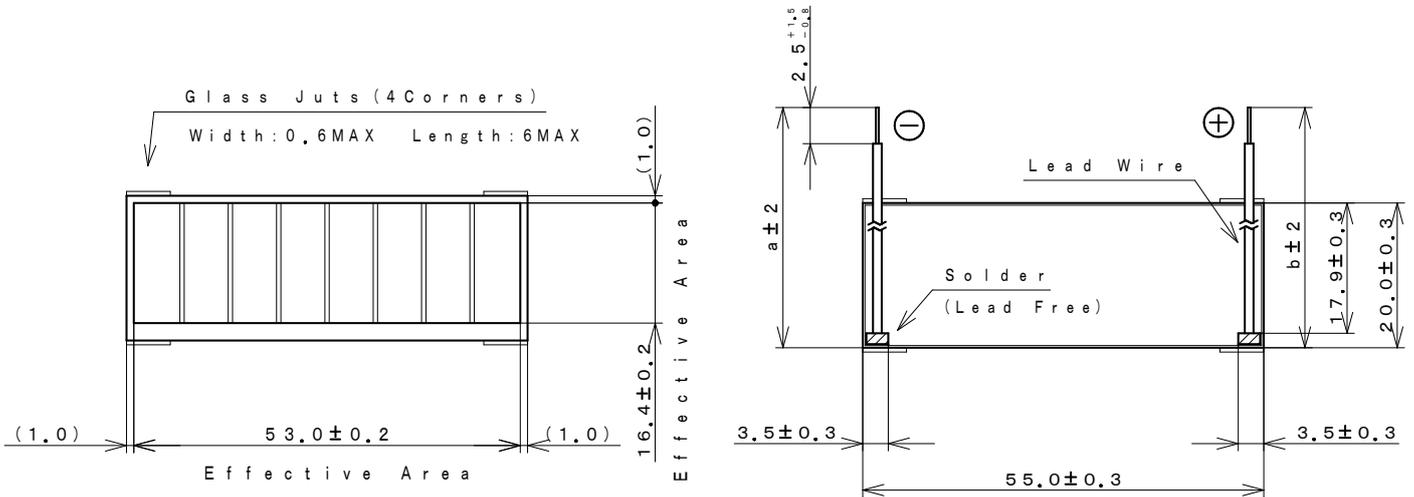
アモルファスシリコン太陽電池 仕様

Model : AM-1805CA

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 : 51             | b : 51 |

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) :  $1.3\text{mm MAX}$   
 Wire-Solder thickness :  $2.5\text{mm MAX}$  (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<br>開放電圧                           | Typical 5.0V at 200Lx FL           |
| 2.2 Short circuit Current : Isc<br>短絡電流                          | Typical 16.8 μA at 200Lx FL        |
| 2.3 Operating Voltage &<br>Operating Current : Vope-Iope<br>動作特性 | Typical 2.6V - 3.85 μA at 50Lx FL  |
|  | Minimum 3.0V - 12.0 μA at 200Lx FL |
|  | Typical 3.0V - 15.7 μA at 200Lx FL |
| 2.5 Working temperature range : Topr<br>動作温度範囲                   | -10 to 60°C                        |
| 2.6 Storage temperature range : Tstg<br>保存温度範囲                   | -20 to 70°C                        |
| 2.7 Working illuminance range<br>使用照度範囲                          | ~1000Lx                            |

FL: White Fluorescent Light

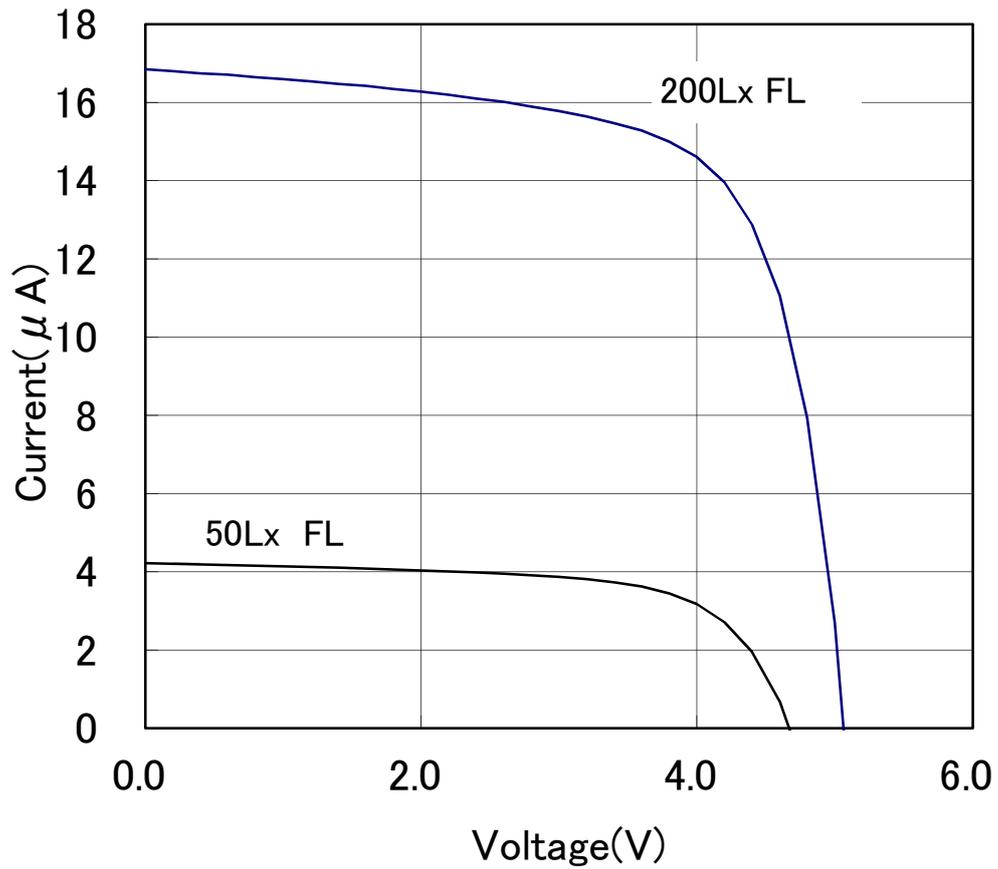
# I - V Characteristics

REFERENCE

1.Model : AM-1805

2.Outside Dimension : 55.0mm × 20.0mm

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.

2019/4/25

# 出力の照度依存特性

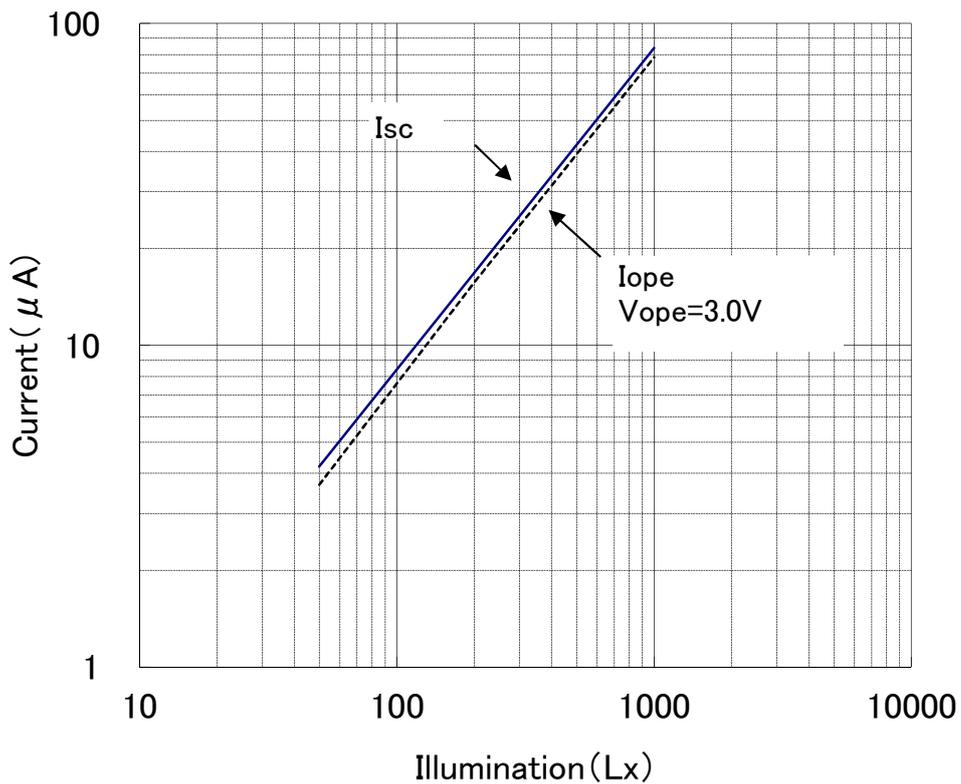
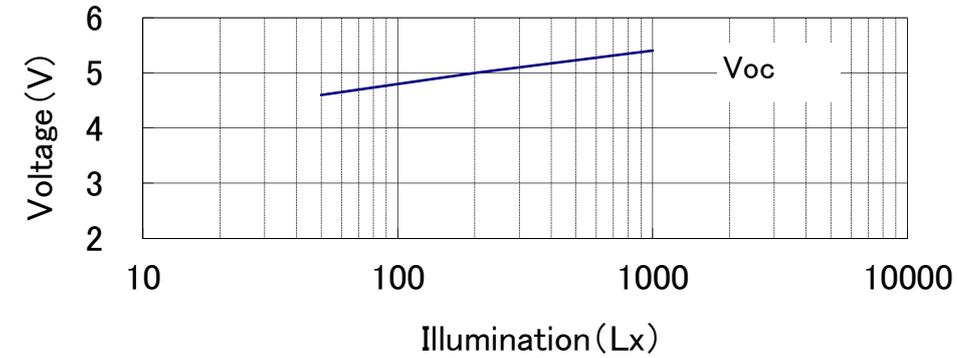
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1805

2.Outside Dimension : 55.0mm × 20.0mm

FL:White Fluorescent Light



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# 出力の温度依存特性

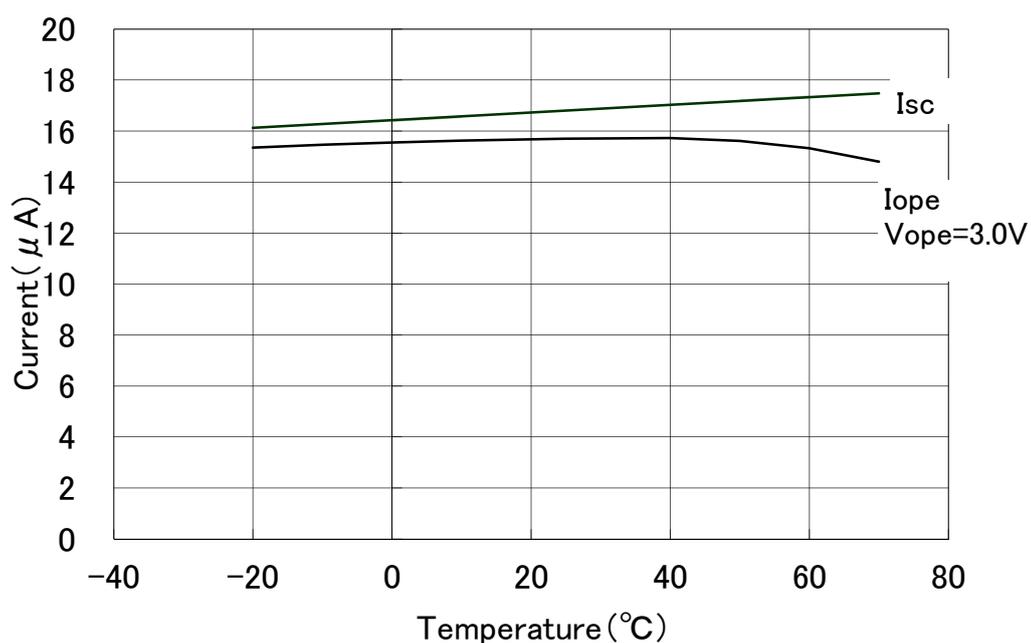
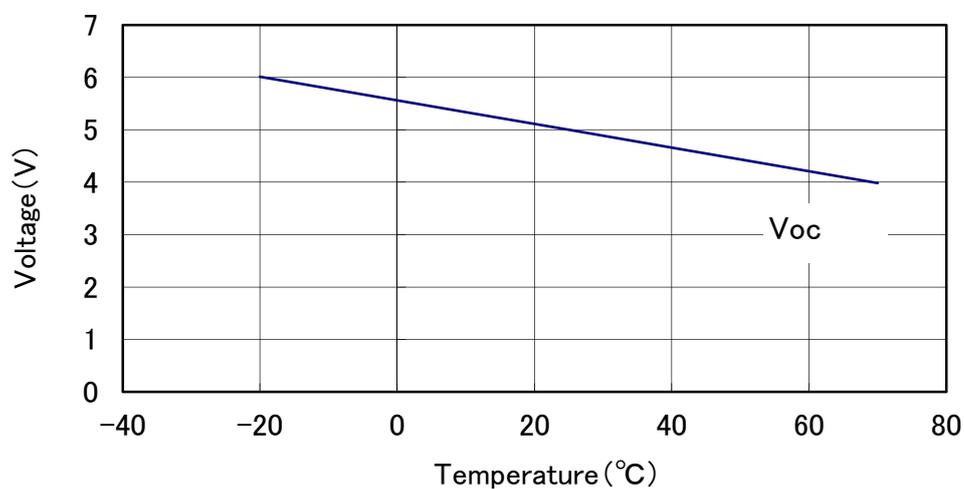
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1805

2.Outside Dimension : 55.0mm × 20.0mm

at 200Lx White Fluorescent Light



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