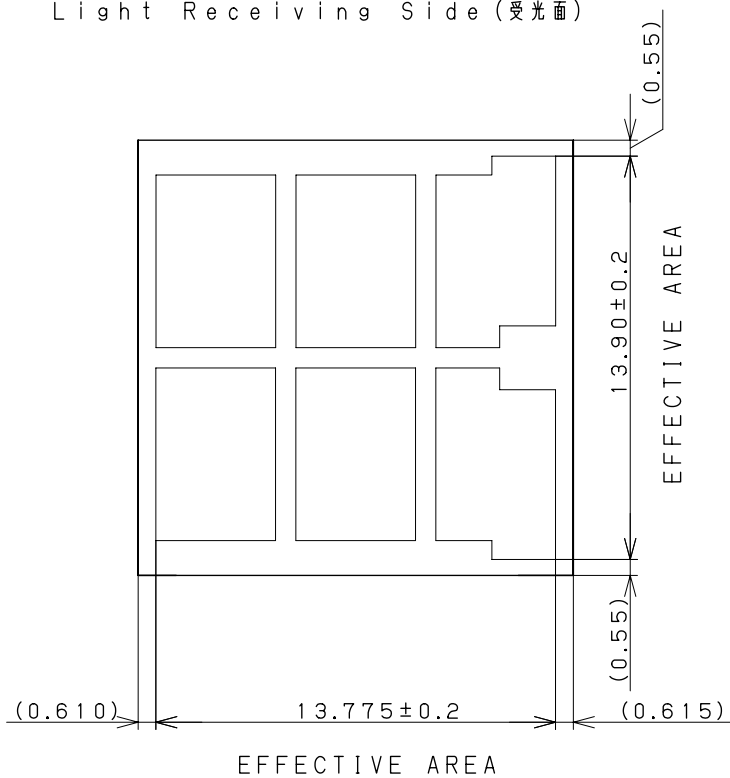


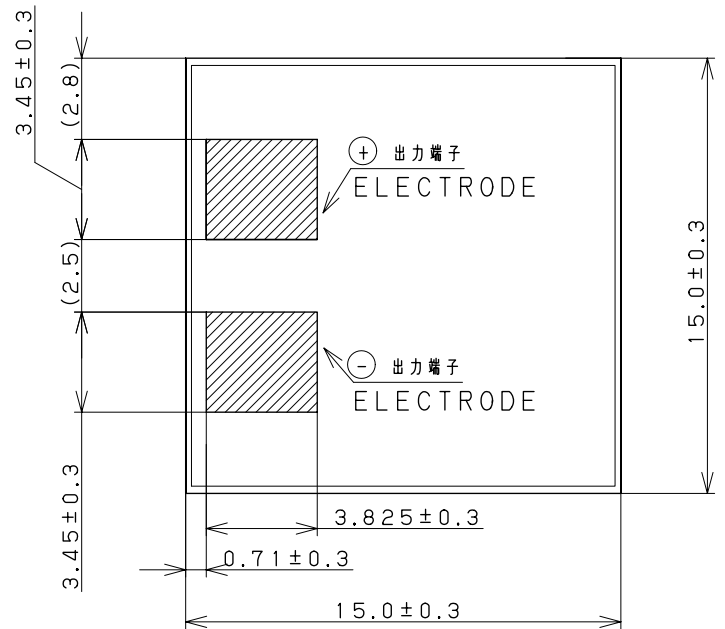
Model: AM-1606C

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): 0.7mm ± 0.1mm

Module Thickness (モジュール厚): 0.9mm MAX

2. Rated Specifications (at 25°C)

| Item | Specifications (Initial) | | |
|---|--------------------------|--------------|---------------------|
| 2.1 Open circuit voltage: Voc 開放電圧 | Typical | 3.6V | (at 200Lx FL, 25°C) |
| 2.2 Short circuit Current: Isc 短絡電流 | Typical | 3.5uA | (at 200Lx FL, 25°C) |
| 2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性 | Minimum | 2.6V - 2.5uA | (at 200Lx FL, 25°C) |
| | Typical | 2.6V - 3.1uA | (at 200Lx FL, 25°C) |
| 2.4 Working temperature range: Tpor 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 | | |

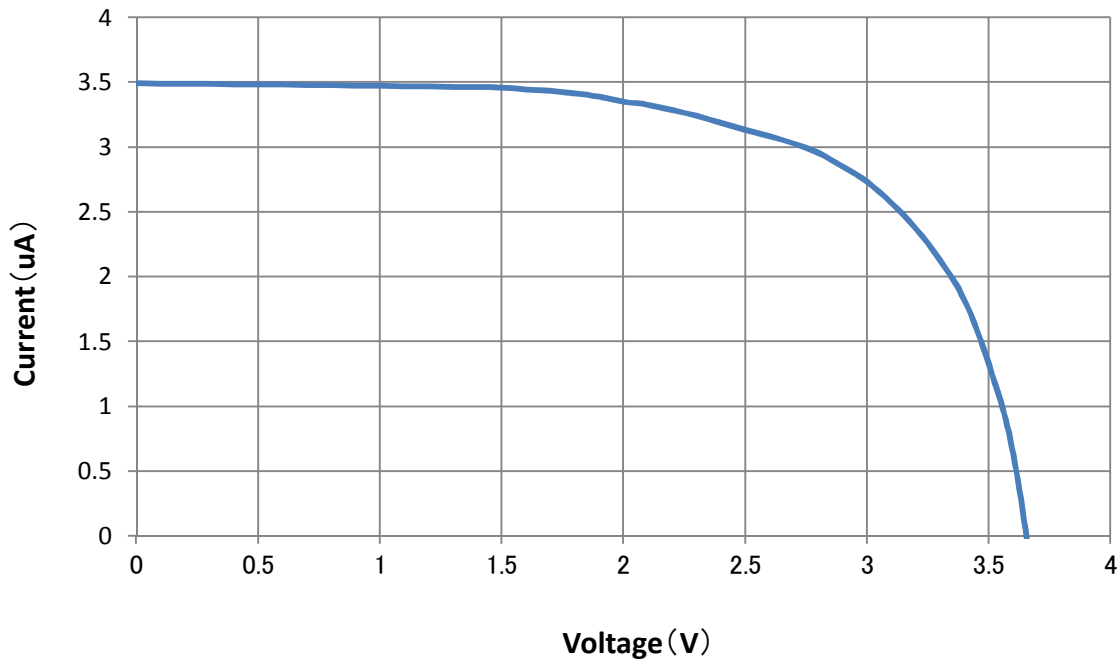
FL: White Fluorescent Light

I-V characteristic data

REFERENCE

- Model: AM-1606
- Dimension: $15 \times 15 \times 0.7t$ (mm)
- Cell number: 6
- Measurement lightsource: White fluorescent lamp
- Measurement illuminance: 200Lx

I-V characteristic



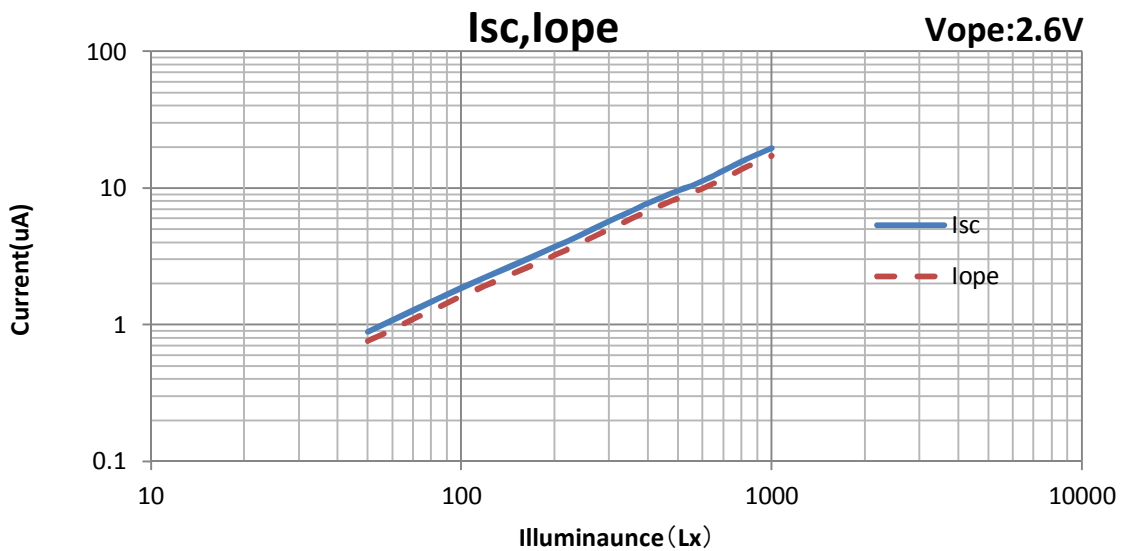
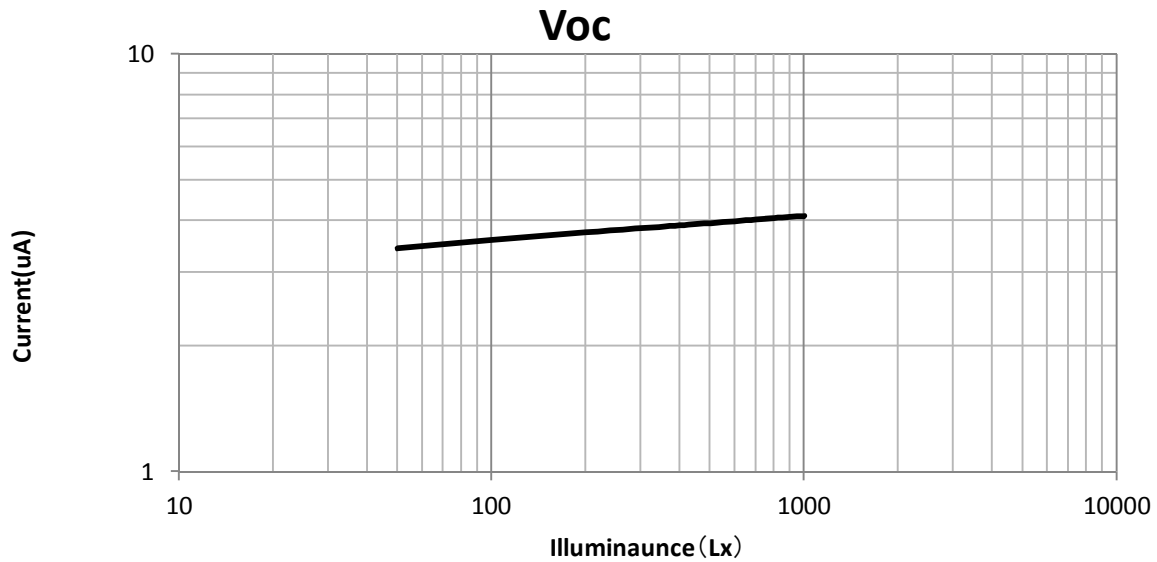
| 200Lx FL | | | |
|----------|----------|----------|-----------|
| Voc (V) | Isc (uA) | Vope (V) | Iope (uA) |
| 3.6 | 3.5 | 2.6 | 3.1 |

*The data are meant to show a simulation data only , not intended to guarantee the characteristics.

Dependence of Output Illuminaunce

REFERENCE

- Model : AM-1606
- Measurement Illuminaunce : 50~1000Lx
- Measurement lightsource : White flourescent lamp
- Vopec : 2.6V

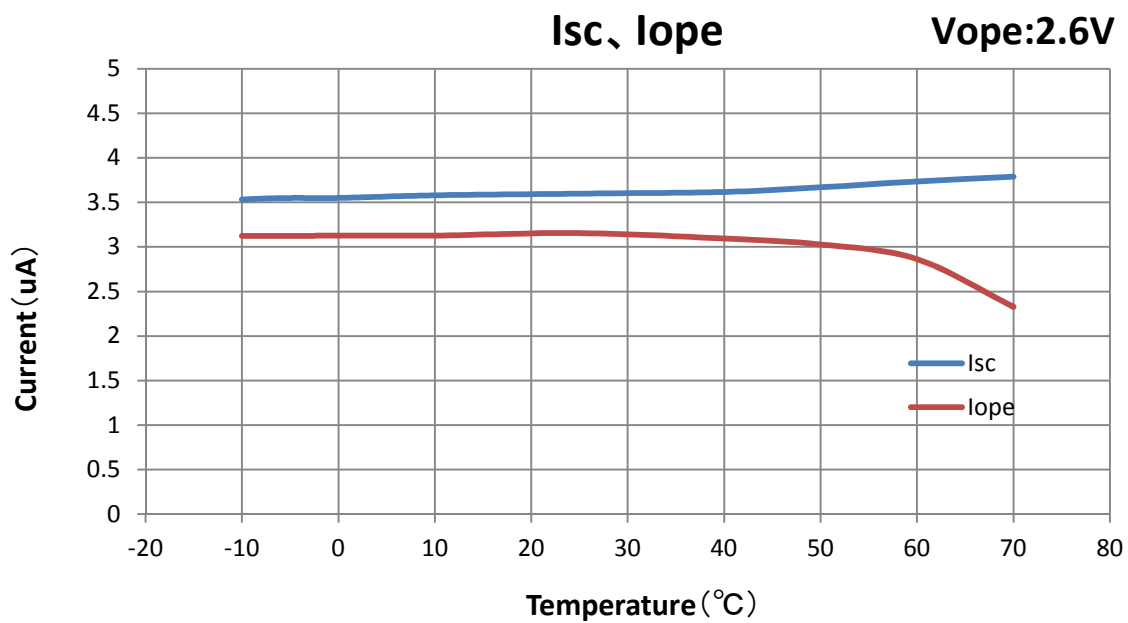
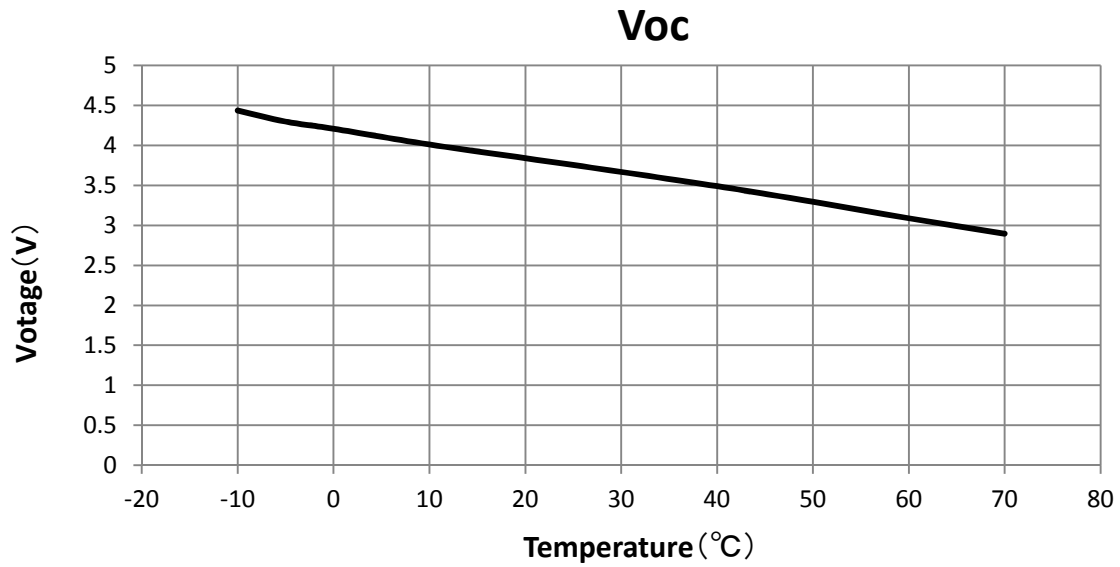


*The data are meant to show a sample data only , not intended to guarantee the characteristics.

Dependence of Output on Temperature

REFERENCE

- Model: AM-1606
- Measurement temperature: $-10 \sim 70^{\circ}\text{C}$
- Measurement Illuminance: 200Lx
- Measurement light source: White fluorescent lamp
- V_{oc} : 2.6V



*The data is meant to show samples data only, not intended to guarantee the characteristics.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Solar Panels & Solar Cells](#) category:

Click to view products by [Panasonic](#) manufacturer:

Other Similar products are found below :

[AM-1606C-MEL](#) [200](#) [2747](#) [SC10050](#) [SC20072](#) [SC20050](#) [SC20036](#) [SC10036](#) [AM-1513CA](#) [AM-1719CA](#) [AM-1805CA](#) [AM-1820CA](#) [500](#)
[1525](#) [3809](#) [MIKROE-651](#) [AM-1417CA](#) [AM-1454CA](#) [AM-1456CA](#) [AM-1801CA](#) [AM-1815CA](#) [AM-1816CA](#) [AM-1819CA](#) [AM-5608CAR](#)
[AM-5610CAR](#) [AM-5706CAR](#) [AM-5902CAR](#) [AM-5904CAR](#) [AM-8702CAR](#) [AT-7665A](#) [LL200-2.4-75](#) [LL200-3-37](#) [LL200-3.6-75](#) [LL200-](#)
[4.8-37](#) [MP3-25](#) [MP3-37](#) [MP7.2-150F](#) [MP7.2-75F](#) [MPT15-150](#) [MPT15-75](#) [MPT3.6-150](#) [MPT3.6-75](#) [MPT4.8-150](#) [MPT4.8-75](#) [MPT6-150](#)
[MPT6-75](#) [P7.2-150F](#) [P7.2-75F](#) [PT15-150](#) [PT15-300](#)