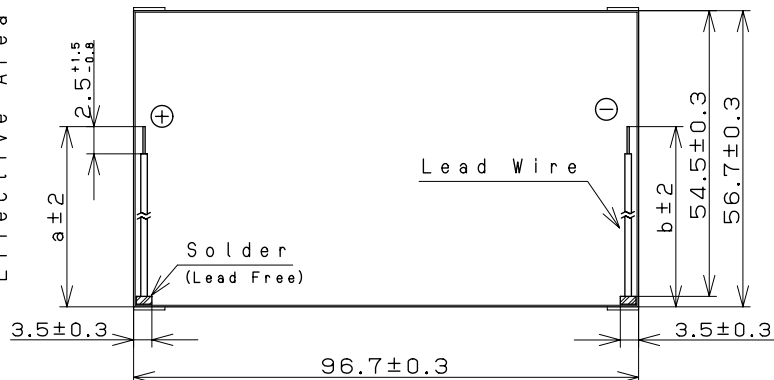
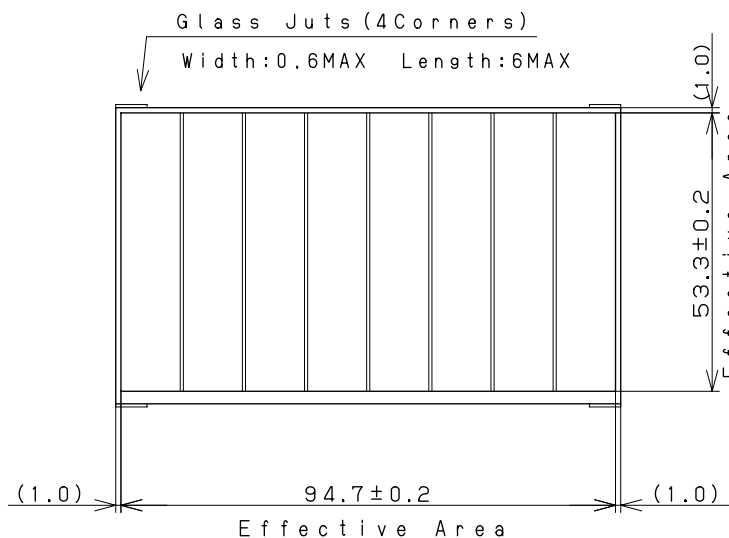


Model : AM-1816CA

## 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 : AWG30 |        |
| a: 104             | b: 104 |

## Note

Glass Substrate Thickness (ガラス基板厚) : 1.1 mm ± 0.1

Module Thickness (モジュール厚) : 1.3 mm MAX

Wire-Solder thickness: 2.5 mm MAX (including Module)

(リート線半田付け部厚)

## 2. Rated Specifications (at 25℃)

| Item                                                            | Specifications (Initial) |                |             |
|-----------------------------------------------------------------|--------------------------|----------------|-------------|
| 2.1 Open circuit voltage: Voc<br>開放電圧                           | Typical                  | 4.9V           | at 200Lx FL |
| 2.2 Short circuit Current: Isc<br>短絡電流                          | Typical                  | 94.0 μA        | at 200Lx FL |
| 2.3 Operating Voltage &<br>Operating Current: Vope-lope<br>動作特性 | Typical                  | 2.6V - 21.0 μA | at 50Lx FL  |
|                                                                 | Minimum                  | 3.0V - 63.0 μA | at 200Lx FL |
|                                                                 | Typical                  | 3.0V - 84.0 μA | at 200Lx FL |
| 2.5 Working temperature range: Topr<br>動作温度範囲                   | -10 to 60℃               |                |             |
| 2.6 Storage temperature range: Tstg<br>保存温度範囲                   | -20 to 70℃               |                |             |
| 2.7 Working illuminance range<br>使用照度範囲                         | ~1000Lx                  |                |             |

FL: White Fluorescent Light

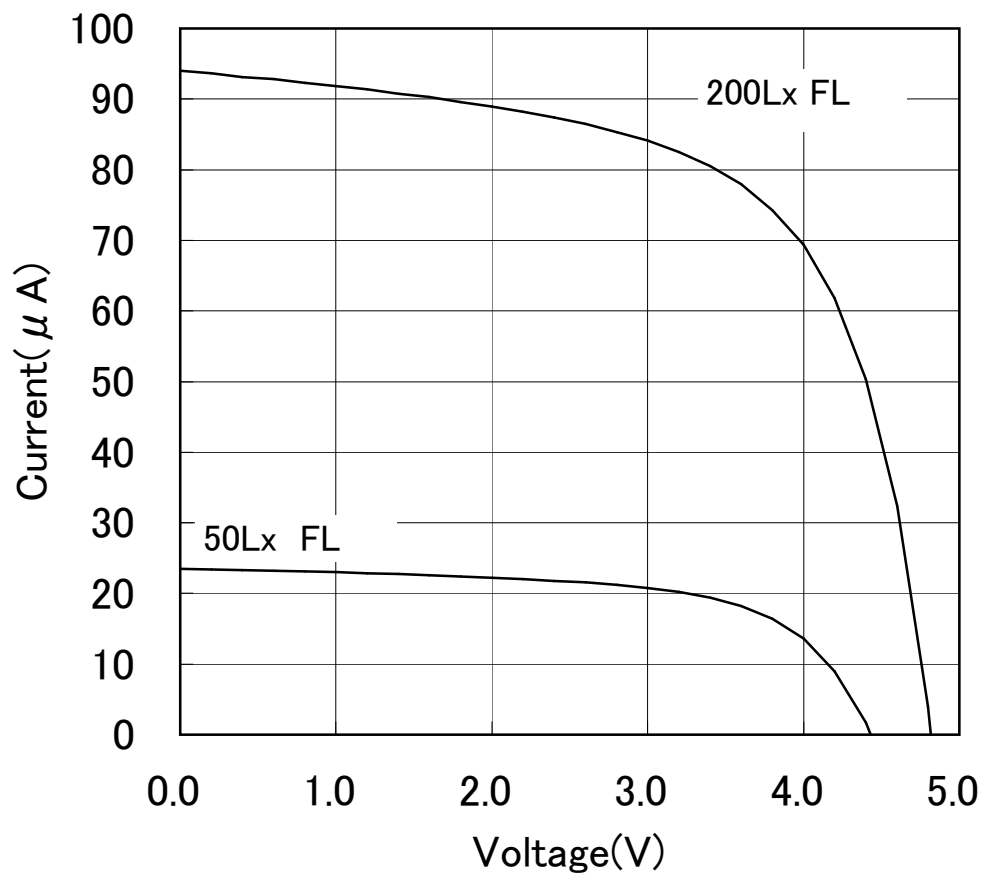
# I – V Characteristics

REFERENCE

1.Model : AM-1816

2.Outside Dimension : 96.7mm × 56.7mm

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.

# 出力の照度依存特性

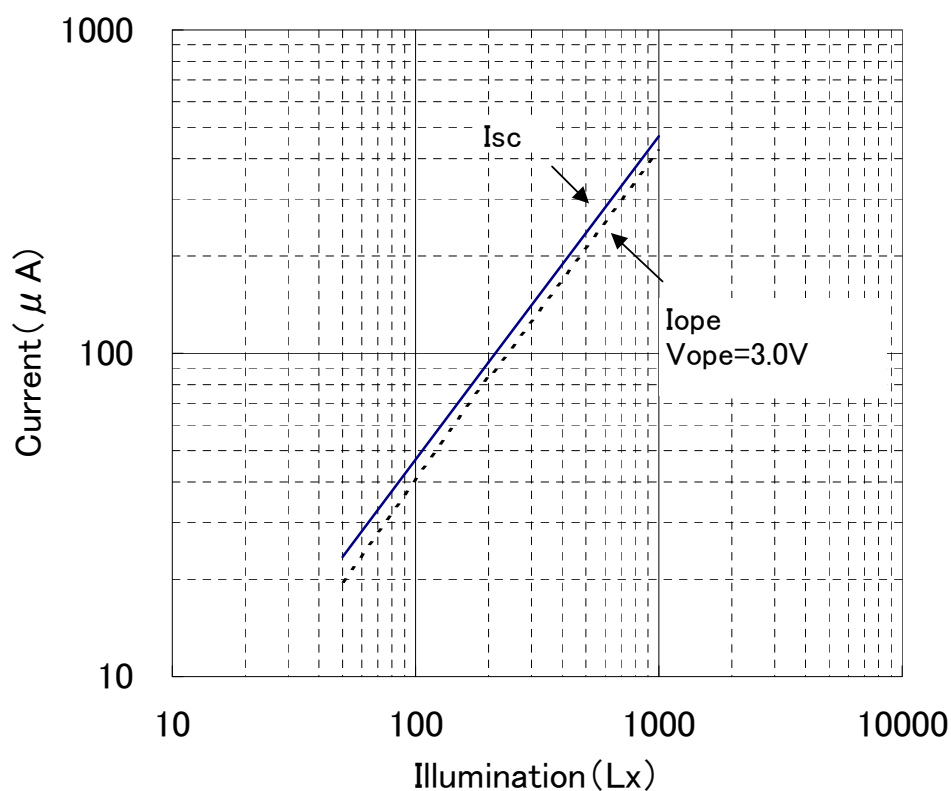
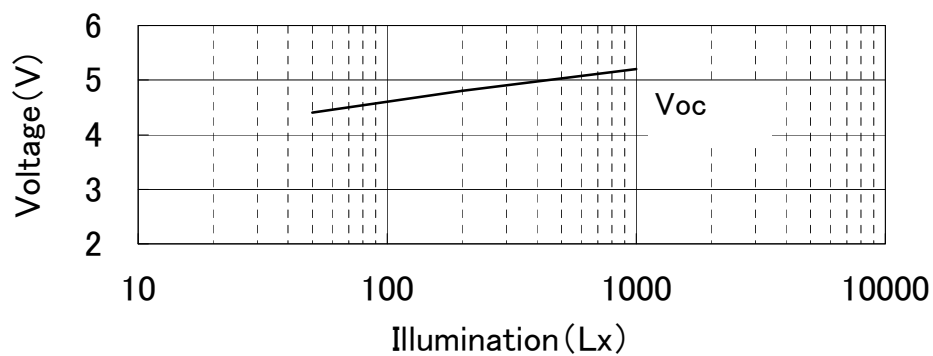
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1816

2.Outside Dimension : 96.7mm × 56.7mm

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.

# 出力の温度依存特性

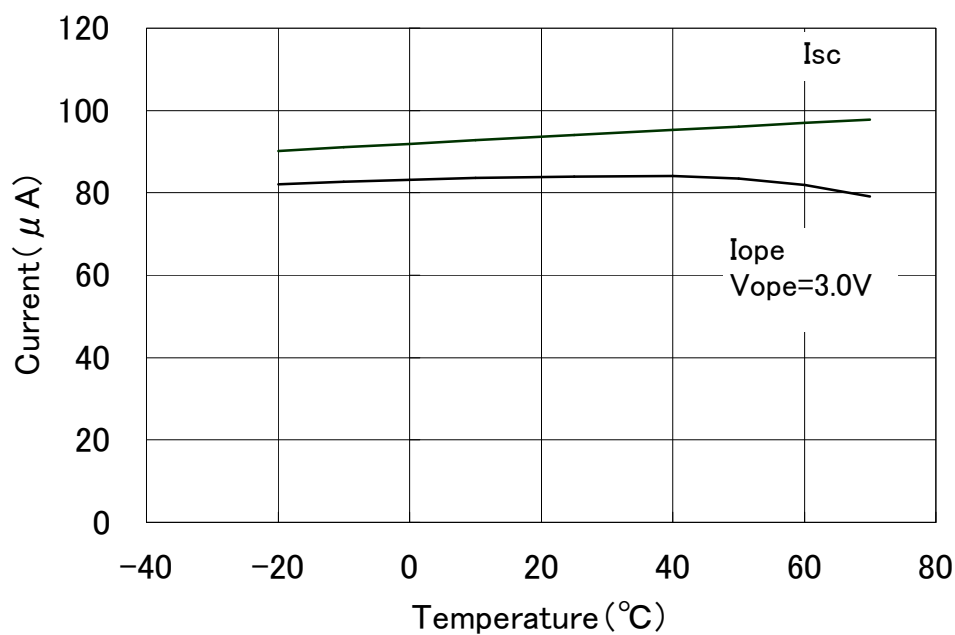
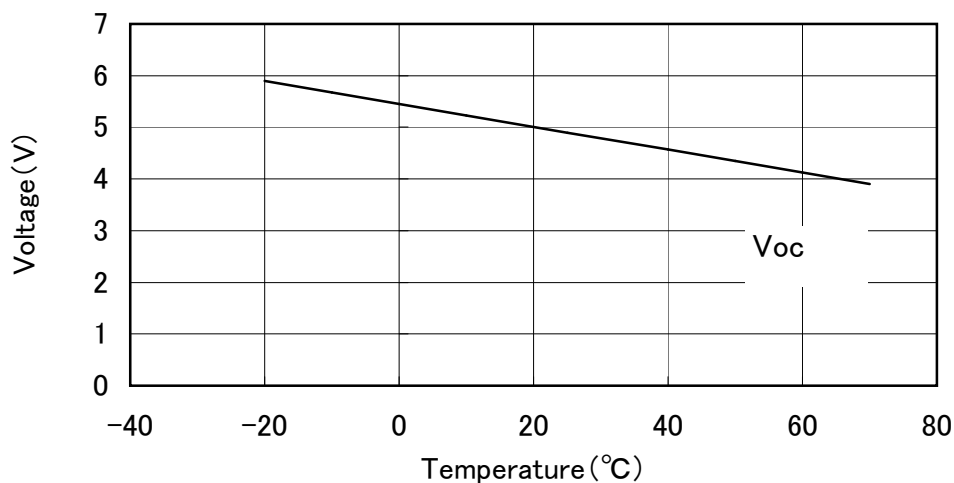
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1816

2.Outside Dimension : 96.7mm × 56.7mm

at 200Lx 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.