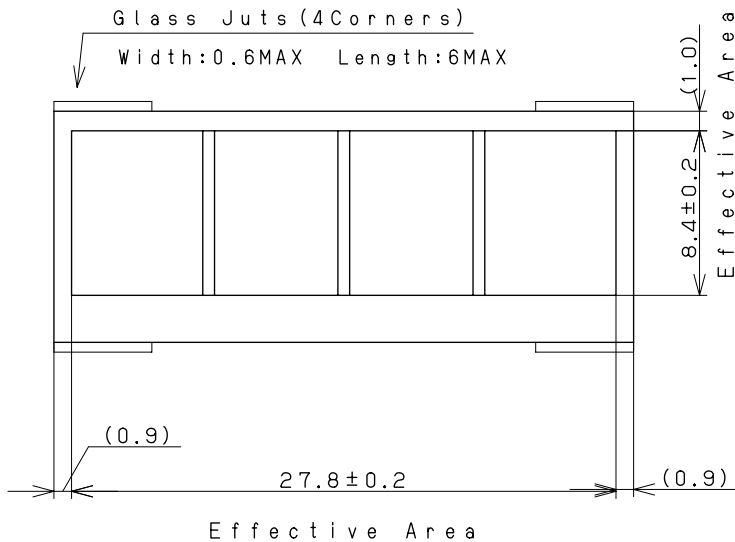


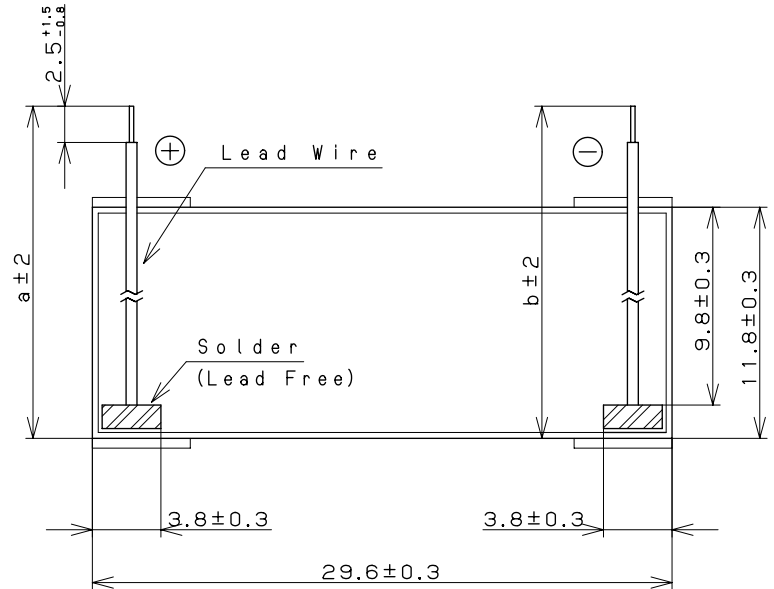
Model : AM-1437CA

## 1. Outside dimensions 外形寸法

Light Receiving Side (受光面)



Overcoat Side (オーバークート面)



(dimension:mm)

|                    |       |
|--------------------|-------|
| Lead Wires : AWG30 |       |
| 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): 1.3mmMAX

Wire-Overcoat thickness: 2.5mmMAX (including Module)  
(リード線補正コート厚)

## 2. Rated Specifications (at 25℃)

| Item                                                            | Specifications (Initial) |                    |             |
|-----------------------------------------------------------------|--------------------------|--------------------|-------------|
| 2.1 Open circuit voltage: Voc<br>開放電圧                           | Typical                  | 2.4V               | at 200Lx FL |
| 2.2 Short circuit Current: Isc<br>短絡電流                          | Typical                  | 8.5 $\mu$ A        | at 200Lx FL |
| 2.3 Operating Voltage &<br>Operating Current: Vope-lope<br>動作特性 | Typical                  | 1.4V - 2.0 $\mu$ A | at 50Lx FL  |
|                                                                 | Minimum                  | 1.5V - 6.5 $\mu$ A | at 200Lx FL |
|                                                                 | Typical                  | 1.5V - 8.0 $\mu$ A | 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

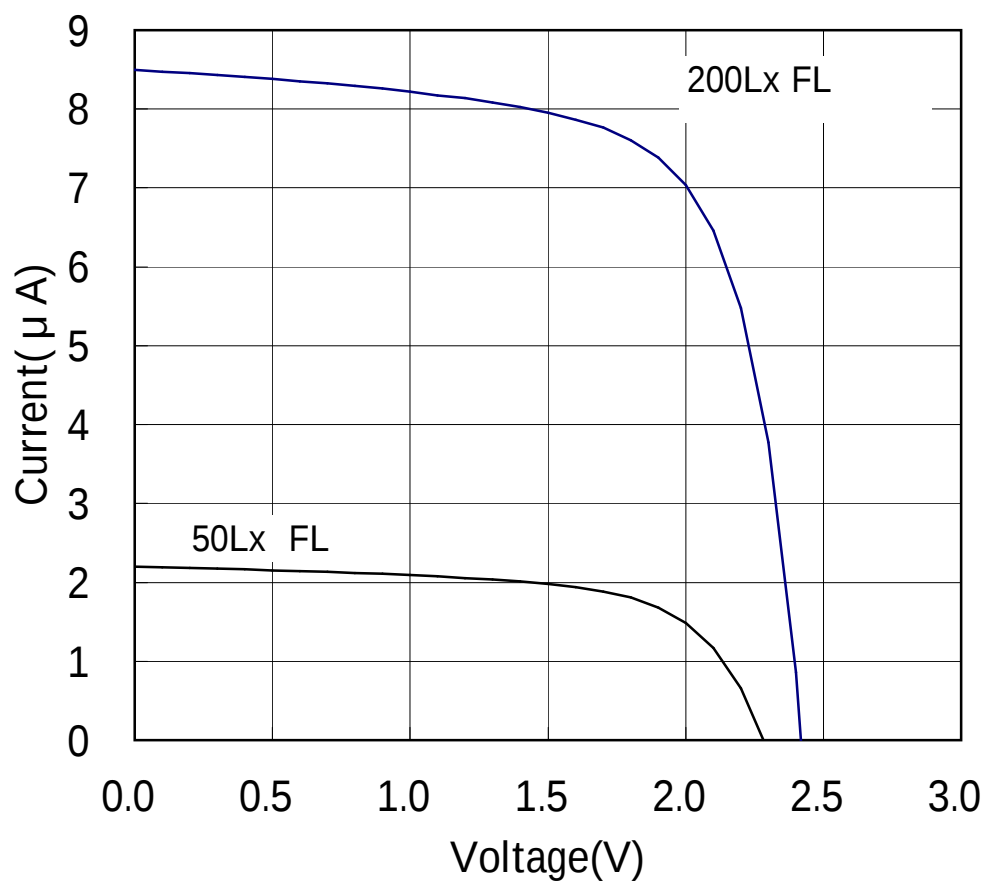
## I - V Characteristics

REFERENCE

1.Model : AM-1437

2.Outside Dimension : 29.6mm × 11.8mm

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.

SANYO Amorton Co.,Ltd.

2011/7/15

# 出力の照度依存特性

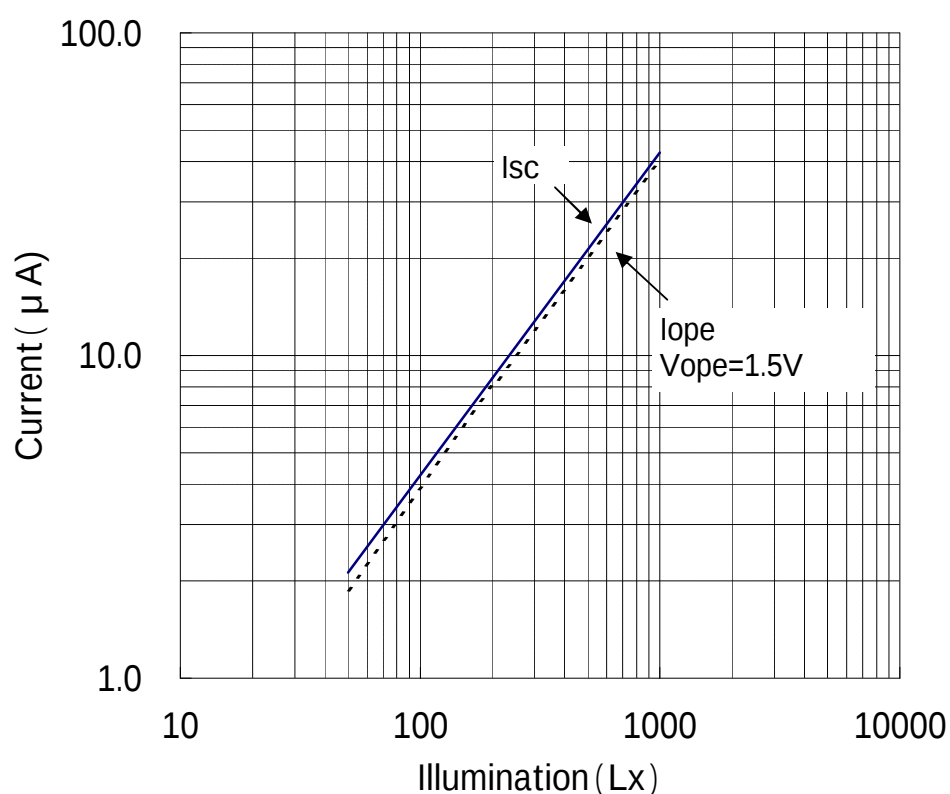
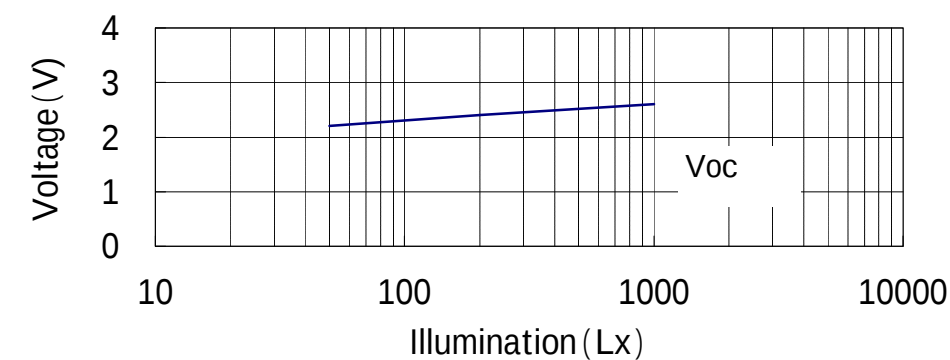
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1437

2.Outside Dimension : 29.6mm × 11.8mm

FL:White Fluorescent Light



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# 出力の温度依存特性

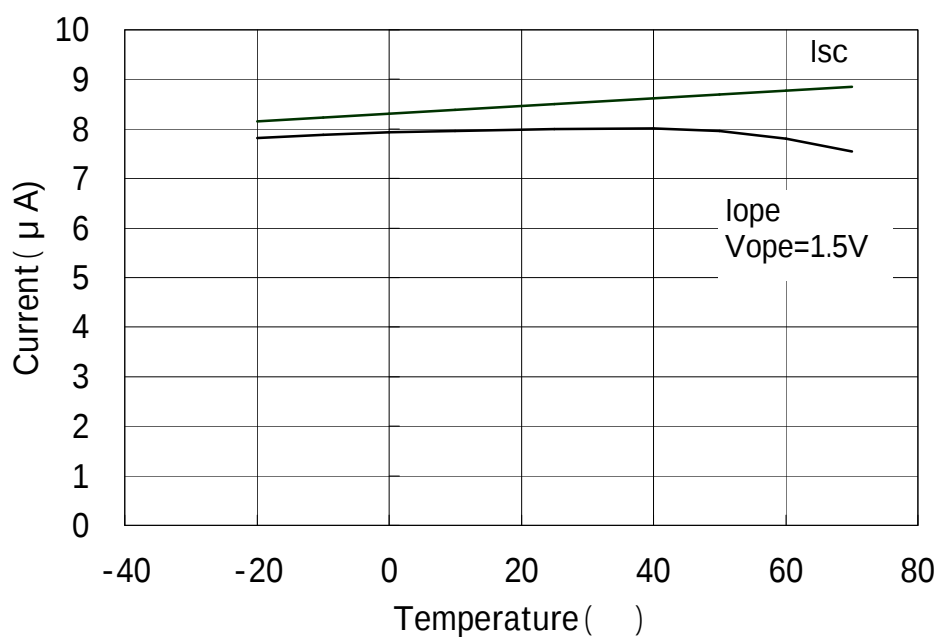
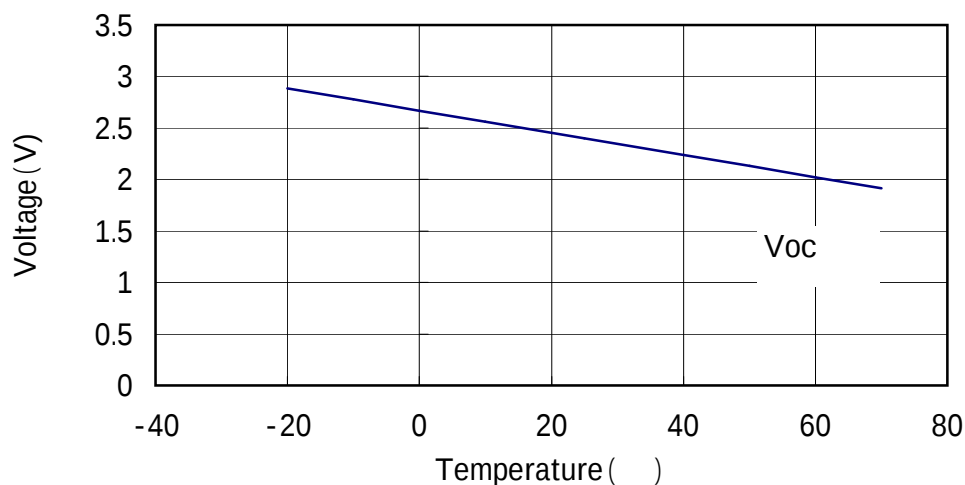
REFERENCE

## Dependence of Output on Temperature

1.Model : AM-1437

2.Outside Dimension : 29.6mm × 11.8mm

at 200Lx White Fluorescent Light



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