

出力の照度依存特性

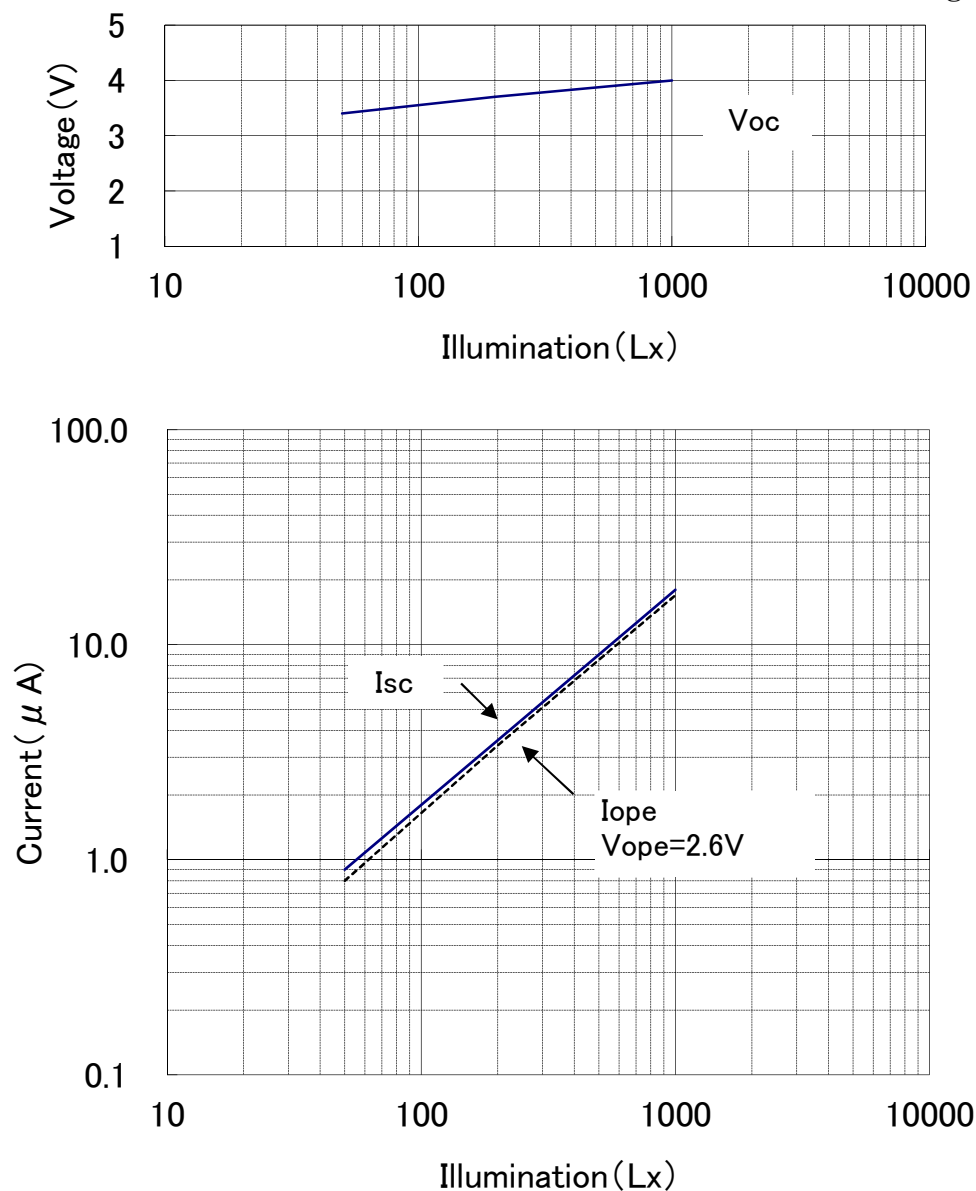
REFERENCE

Dependence of Output on Illumination

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

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.

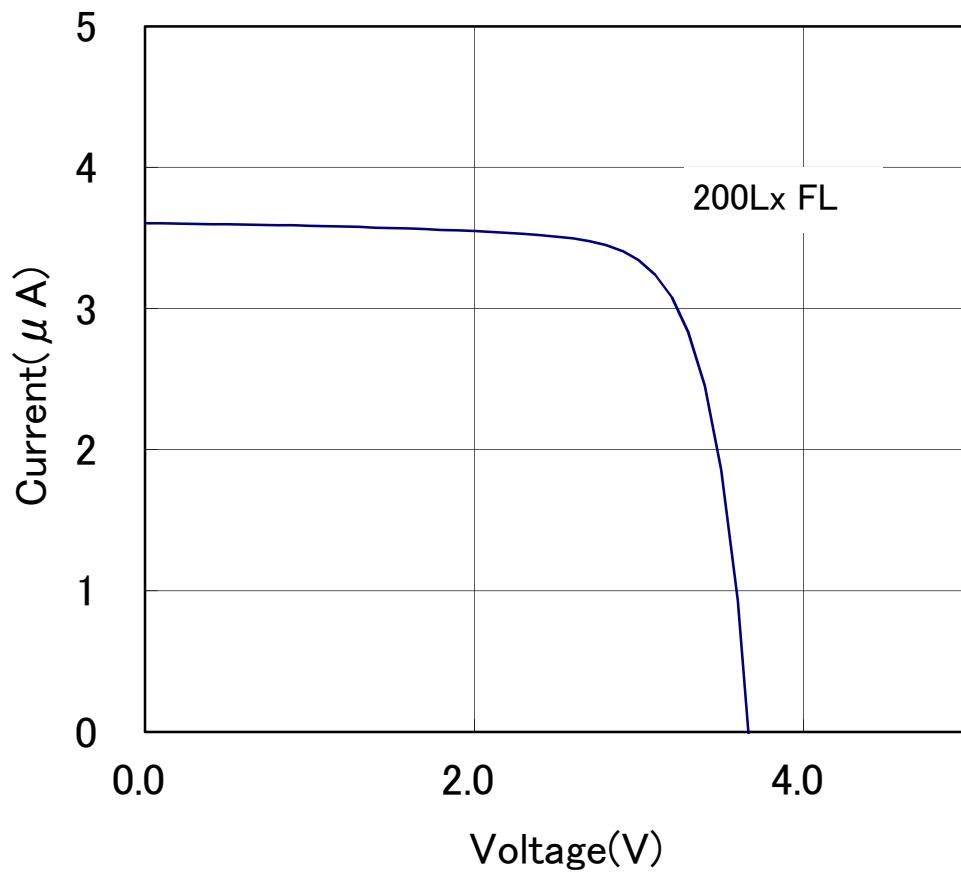
I – V Characteristics

REFERENCE

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

FL:White Fluorescent Light



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出力の温度依存特性

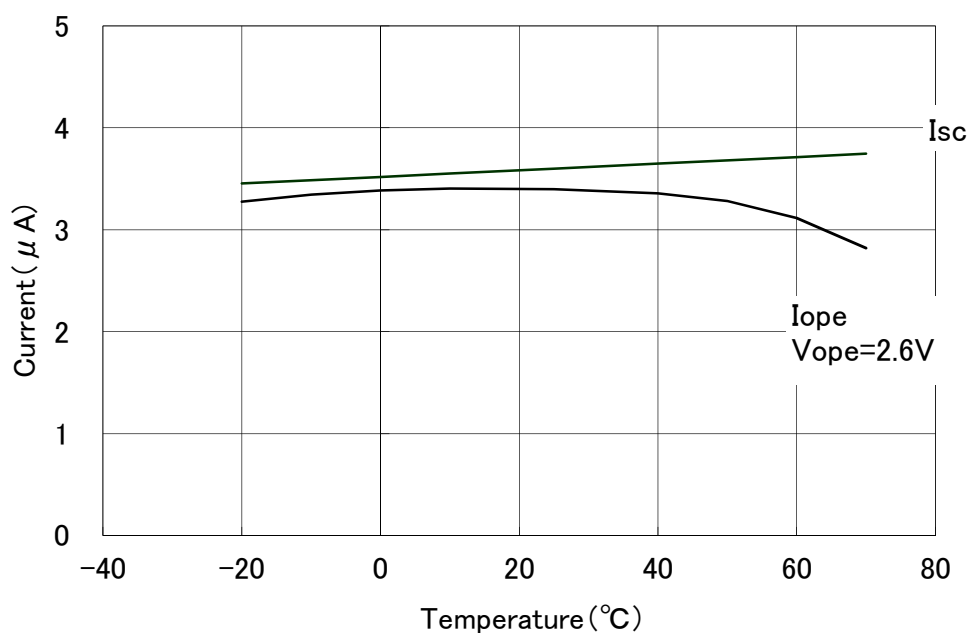
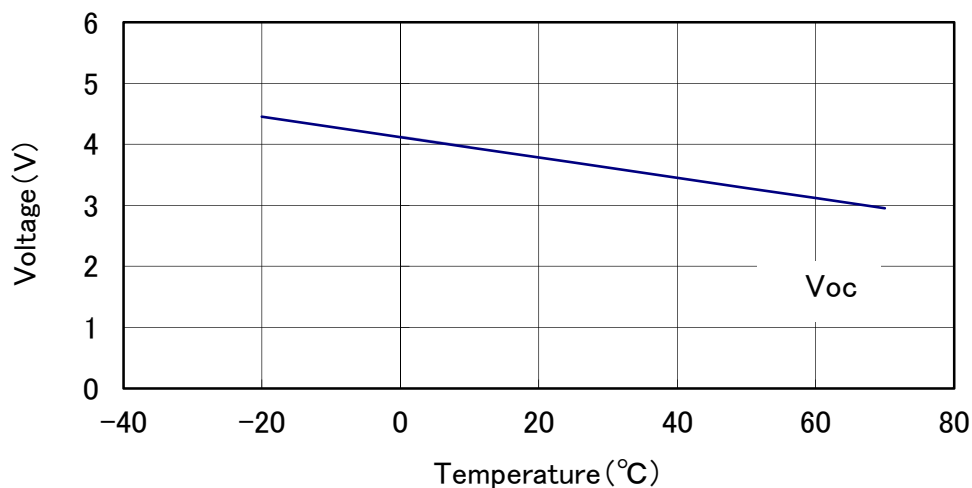
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1606

2.Outside Dimension : 15.0mm × 15.0mm

at 200Lx White Fluorescent Light



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Amorphous Silicon Solar Cells Specification

アモルファスシリコン太陽電池 仕様

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) : $0.7\text{mm} \pm 0.1$

Module Thickness (モジュール厚) : 0.9mm MAX

Accepts normal soldering for bending

(一般の半田を使用してリード* 線付けが可能です。)

2. Rated Specifications (at 25℃)

Item	Specifications (Initial)		
2.1 Open circuit voltage: Voc 開放電圧	Typical	3.7V	at 200Lx FL
2.2 Short circuit Current: Isc 短絡電流	Typical	$3.6\mu\text{A}$	at 200Lx FL
2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性	Minimum	$2.6\text{V} - 2.4\mu\text{A}$	at 200Lx FL
	Typical	$2.6\text{V} - 3.4\mu\text{A}$	at 200Lx FL
2.4 Working temperature range: Topr 動作温度範囲	-10 to 60℃		
2.5 Storage temperature range: Tstg 保存温度範囲	-20 to 70℃		

FL: White Fluorescent Light

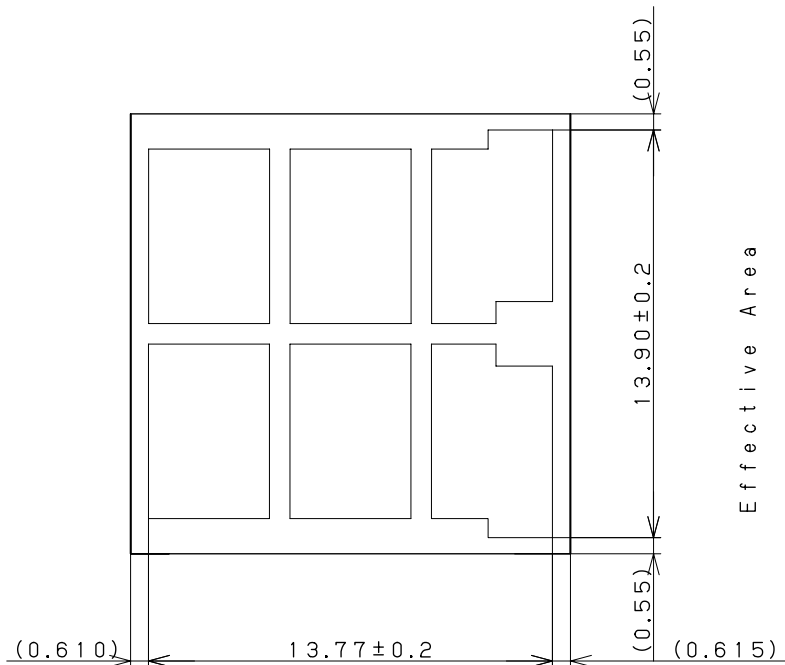
Amorphous Silicon Solar Cells Specification

アモルファスシリコン太陽電池 仕様

Model : AM-1606CA

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)

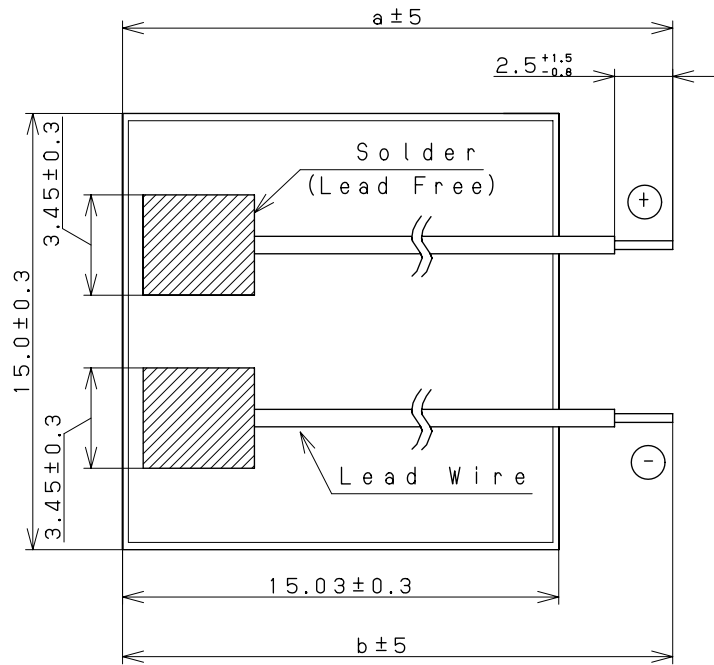


Effective Area

(dimension:mm)

Lead Wires : AWG30	
a:52	b:52

Overcoat Side (オーバーコート面)



Note

Glass Substrate Thickness (ガラス基板厚) : 0.7mm ± 0.1

Module Thickness (モジュール厚) : 0.9mm MAX

Wire-Solder thickness: 3.0mm MAX (including Module)
(リード線半田付け部厚)

2. Rated Specifications (at 25℃)

Item	Specifications (Initial)
2.1 Open circuit voltage: Voc 開放電圧	Typical 3.7V at 200Lx FL
2.2 Short circuit Current: Isc 短絡電流	Typical 3.6 μA at 200Lx FL
2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性	Minimum 2.6V -2.4 μA at 200Lx FL
	Typical 2.6V -3.4 μA at 200Lx FL
2.4 Working temperature range: Topr 動作温度範囲	-10 to 60℃
2.5 Storage temperature range: Tstg 保存温度範囲	-20 to 70℃

FL: White Fluorescent Light