

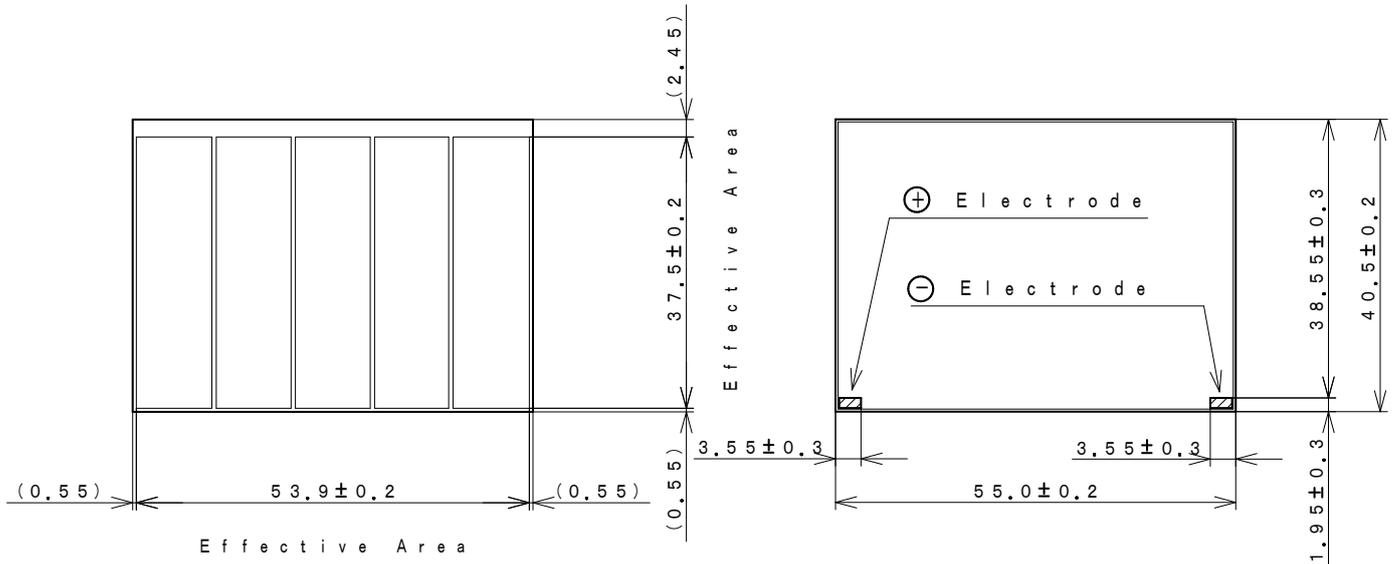
アモルファスシリコン太陽電池 仕様

Model : AM-1522C

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℃)

Item	Specifications (Initial)
2.1 Open circuit voltage : Voc 開放電圧	Typical 3.1V at 200Lx FL
2.2 Short circuit Current : Isc 短絡電流	Typical 62.2 μA at 200Lx FL
2.3 Operating Voltage & Operating Current : Vope - Iope 動作特性	Typical 2.1V - 14.2 μA at 50Lx FL
	Minimum 2.1V - 45.5 μA at 200Lx FL
	Typical 2.1V - 58.7 μA at 200Lx FL
2.5 Working temperature range : Topr 動作温度範囲	-10 to 60℃
2.6 Storage temperature range : Tstg 保存温度範囲	-20 to 70℃
2.7 Working illuminance range 使用照度範囲	~1000Lx

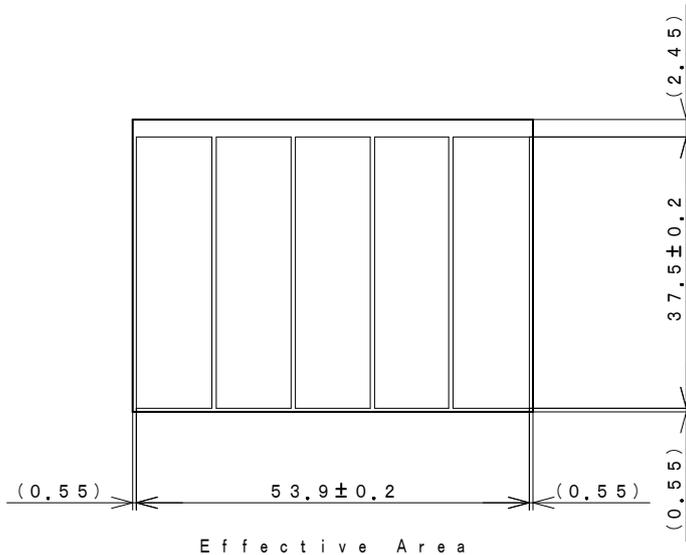
FL: White Fluorescent Light

アモルファスシリコン太陽電池 仕様

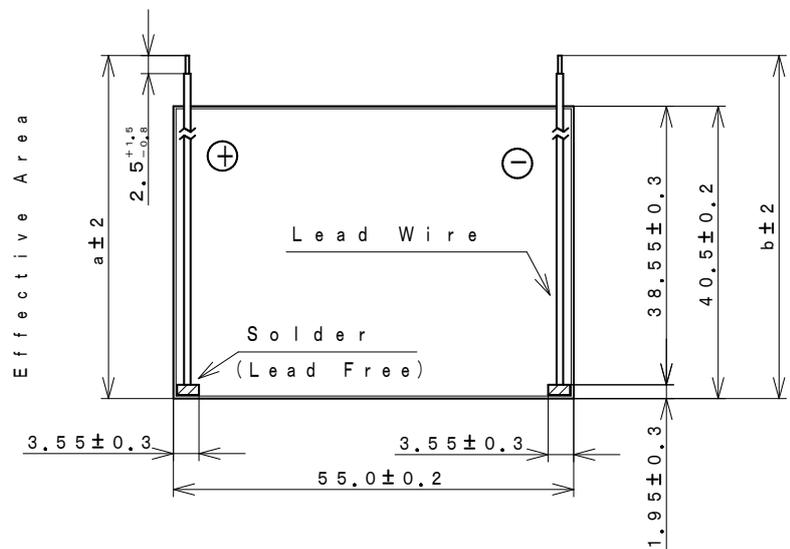
Model : AM-1522CA

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) : 1.1mm ± 0.1

Module Thickness (モジュール厚) : 1.3mm MAX

Wire-Solder thickness : 2.5mm 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 開放電圧	Typical 3.1V at 200Lx FL
2.2 Short circuit Current : Isc 短絡電流	Typical 62.2 μA at 200Lx FL
2.3 Operating Voltage & Operating Current : Vope - Iope 動作特性	Typical 2.1V - 14.2 μA at 50Lx FL
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2.7 Working illuminance range 使用照度範囲	~1000Lx

FL: White Fluorescent Light

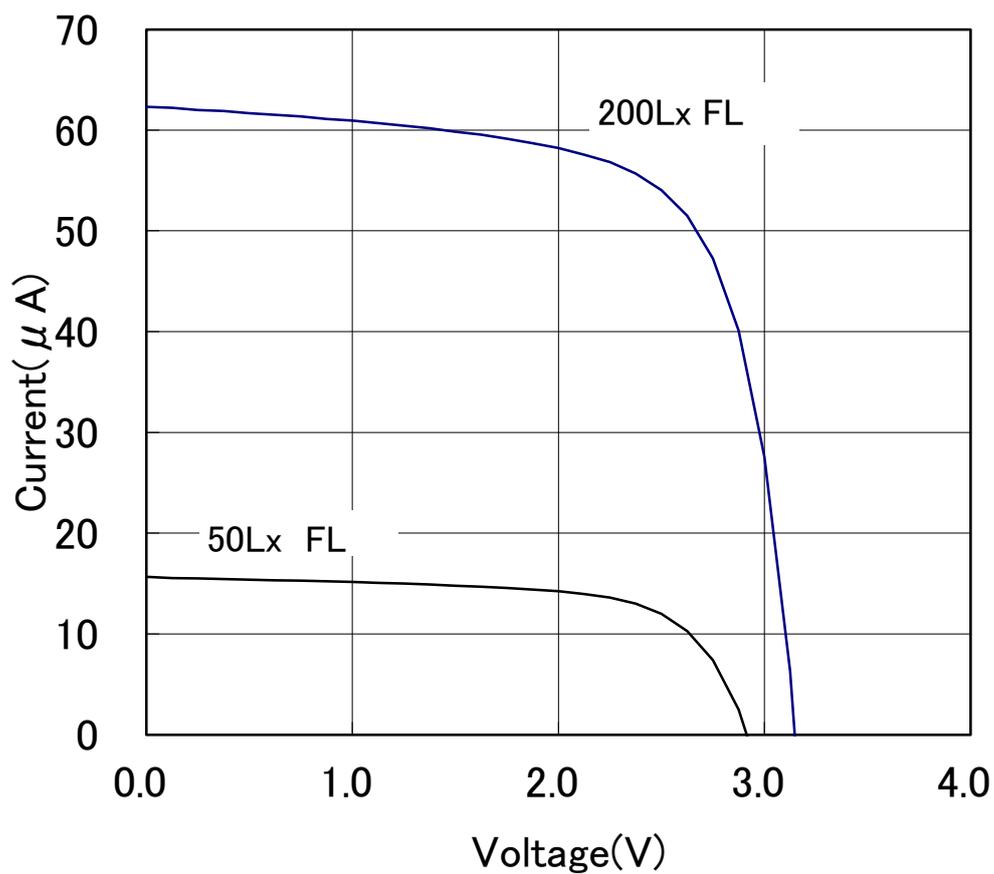
I-V Characteristics

REFERENCE

1.Model : AM-1522

2.Outside Dimension : 55.0mm × 40.5mm

FL:White Fluorescent Light



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*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

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出力の照度依存特性

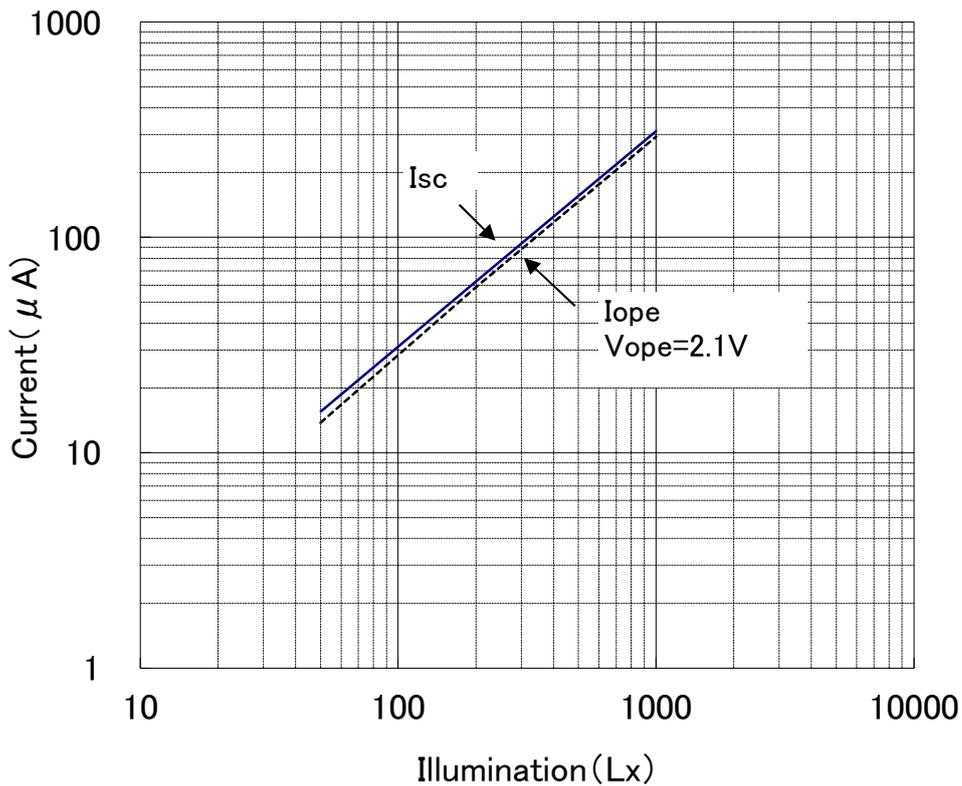
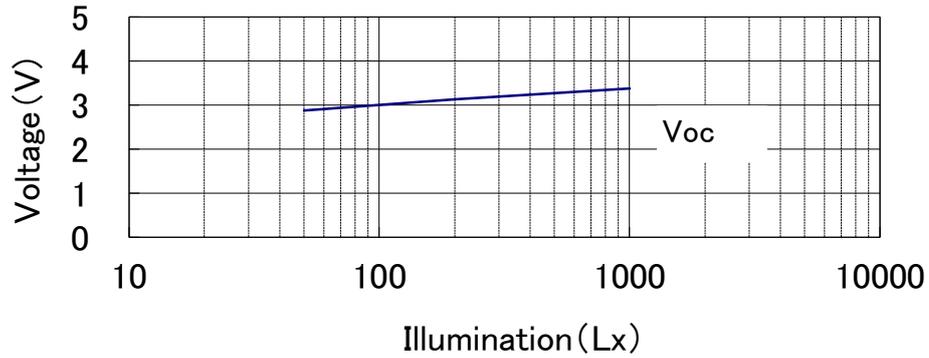
REFERENCE

Dependence of Output on Illumination

1. Model AM-1522

2. Outside Dimension : 55.0mm × 40.5mm

FL:White Fluorescent Light



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出力の温度依存特性

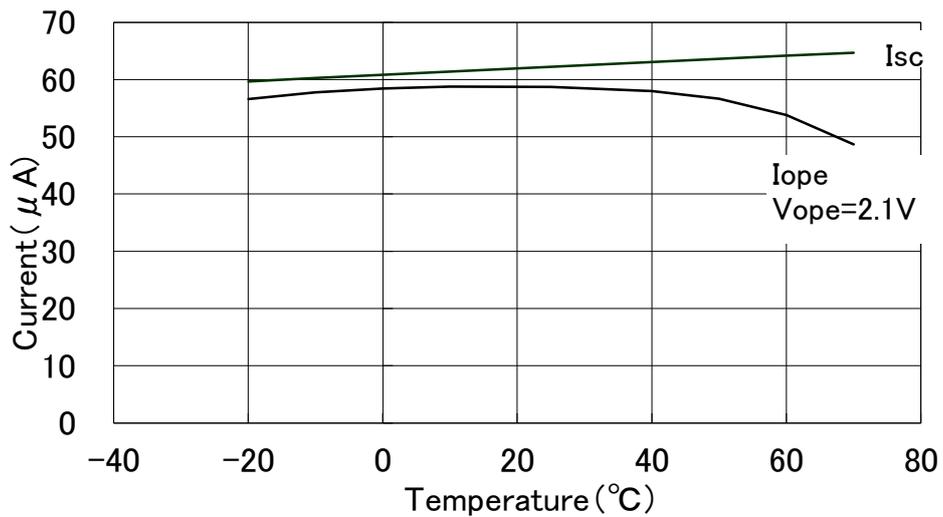
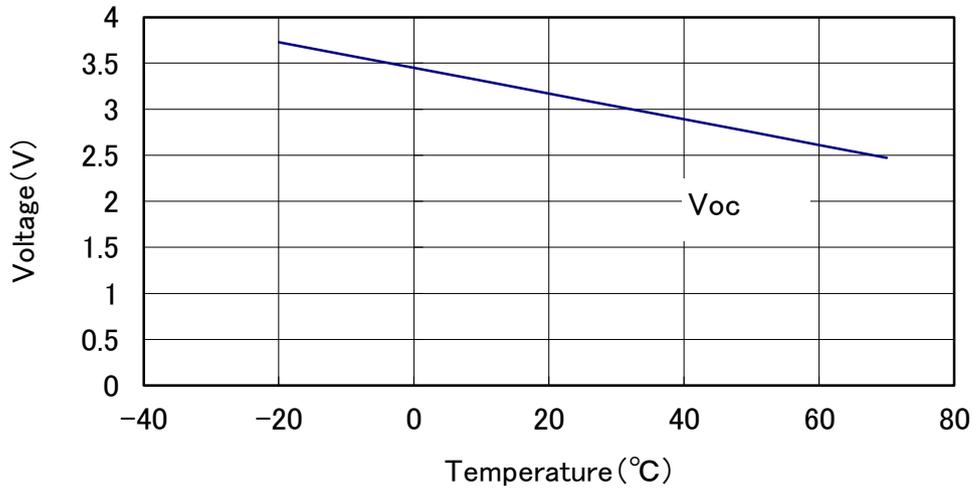
REFERENCE

Dependence of Output on Temperature

1.Model : AM-1522

2.Outside Dimension : 55.0mm × 40.5mm

at 200Lx White Fluorescent Light



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