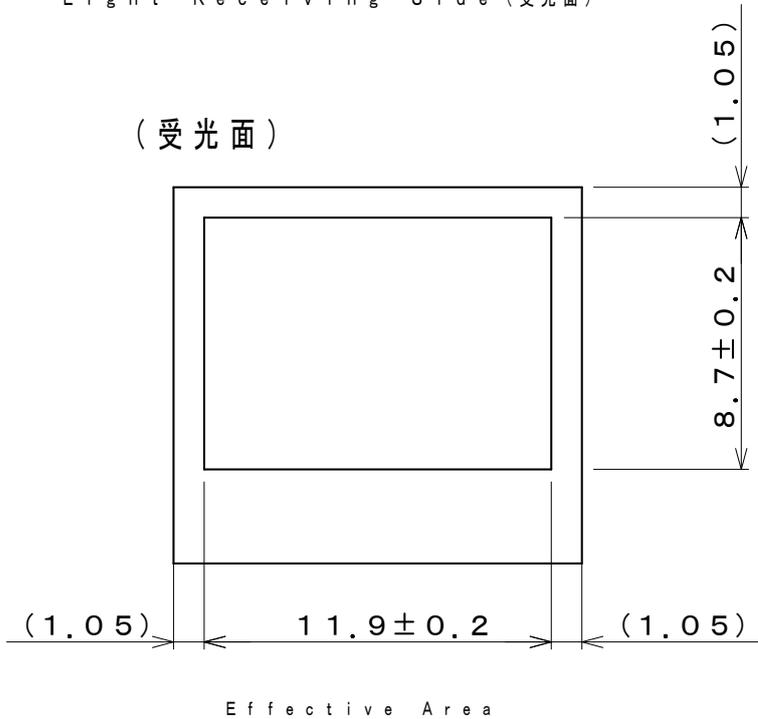


アモルファスシリコン光センサ 仕様

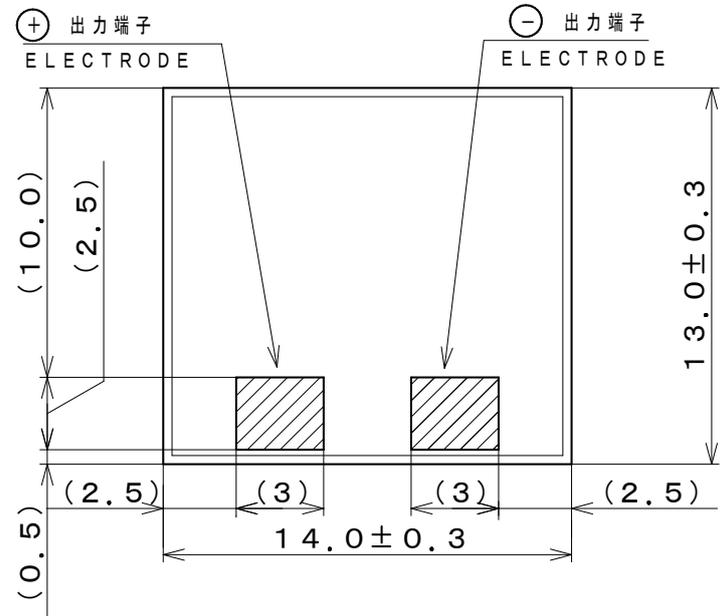
Model : AM-30-11C

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 solderling 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	0.63V (at 200Lx FL, 25℃ ± 2℃)
2.2 Short circuit Current: Isc 短絡電流	Maximum	21.3uA (at 200Lx FL, 25℃ ± 2℃)
	Typical	17.7uA (at 200Lx FL, 25℃ ± 2℃)
	Minimum	14.0uA (at 200Lx FL, 25℃ ± 2℃)
2.3 Working temperature range: Topr 動作温度範囲	-10 to 60℃	
2.4 Storage temperature range: Tstg 保存温度範囲	-20 to 70℃	
2.5 Working Illuminance Range 使用照度範囲	~ 1000Lx	

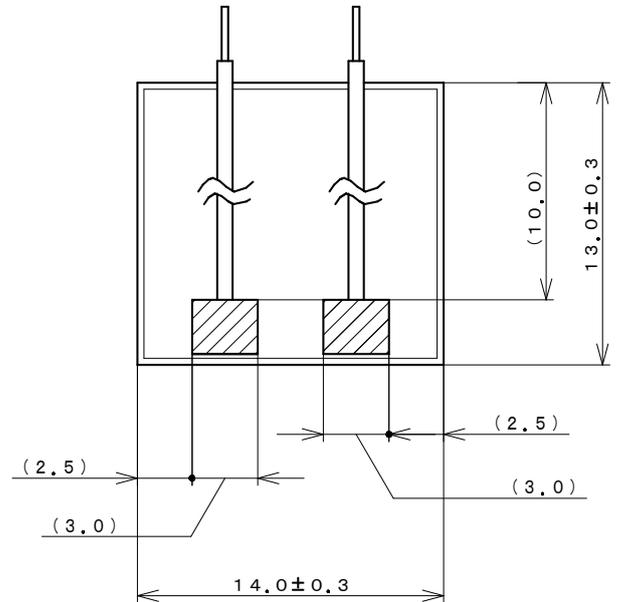
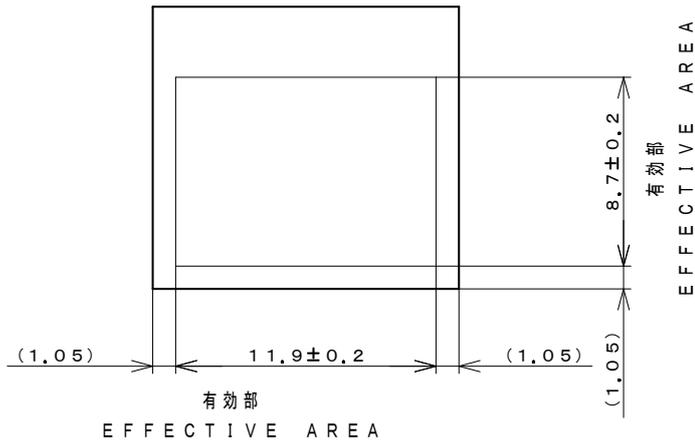
アモルファスシリコン太陽電池 仕様

Model : AM-30-11CA

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

Wire-Solder thickness : 2.5mm MAX (including Module)
(リード線半田付け部厚)

2. Rated Specifications (at 25°C ± 2°C)

Item	Specifications (Initial)
2.1 Open circuit voltage : Voc 開放電圧	Typical 0.63V at 200Lx FL
2.2 Short circuit Current : Isc 短絡電流	Typical 17.7 μA at 200Lx FL
2.3 Operating Voltage & Operating Current : Vope - Iope 動作特性	Minimum 0.4V - 12.7 μA at 200Lx FL
	Typical 0.4V - 15.9 μA at 200Lx FL
2.5 Working temperature range : Topr 動作温度範囲	-10 to 60°C
2.6 Storage temperature range : Tstg 保存温度範囲	-20 to 70°C
2.7 Working illuminance range 使用照度範囲	~100000Lx

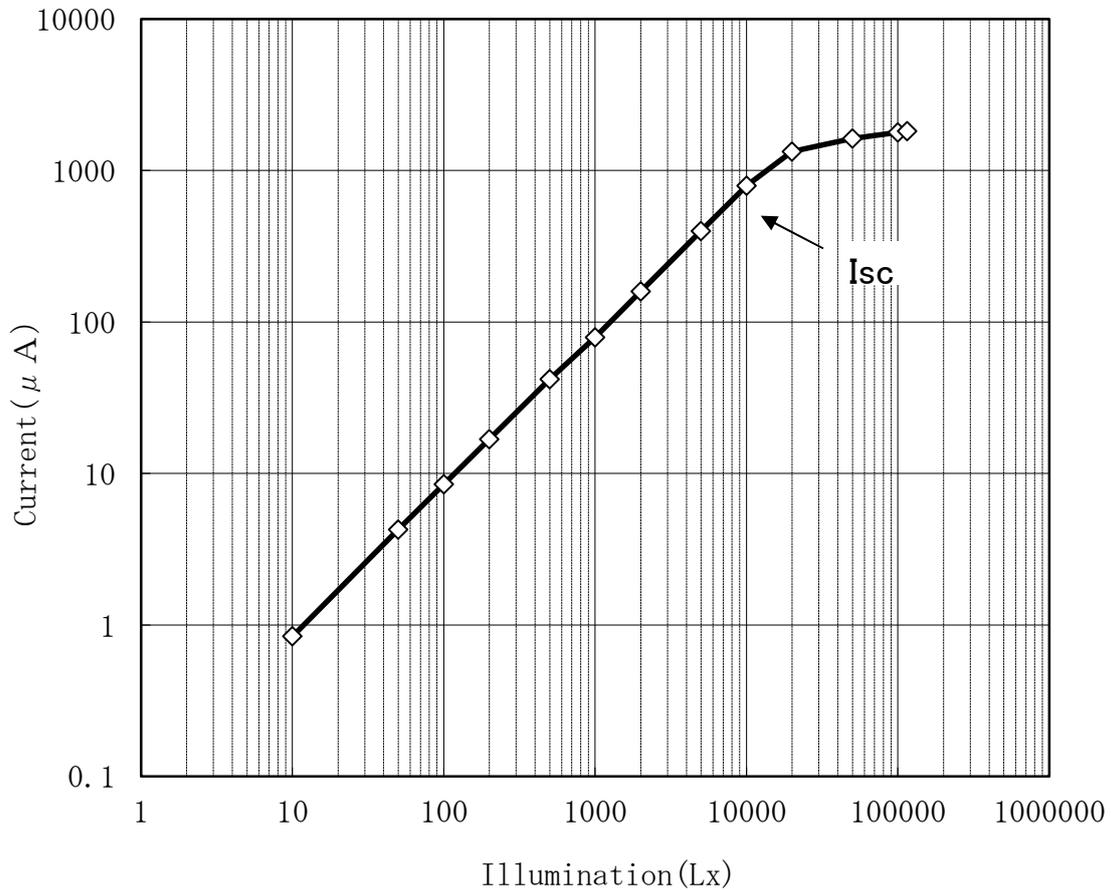
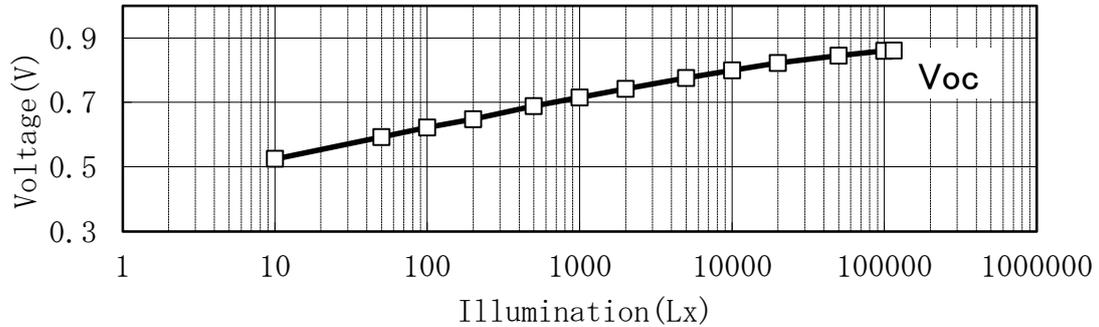
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1. Model : AM-30-11

Measured at White FL : 10 ~ 10k Lx (25°C)
Solar Simulator : 20k Lx ~ AM1.5 100mW/cm² (25°C)



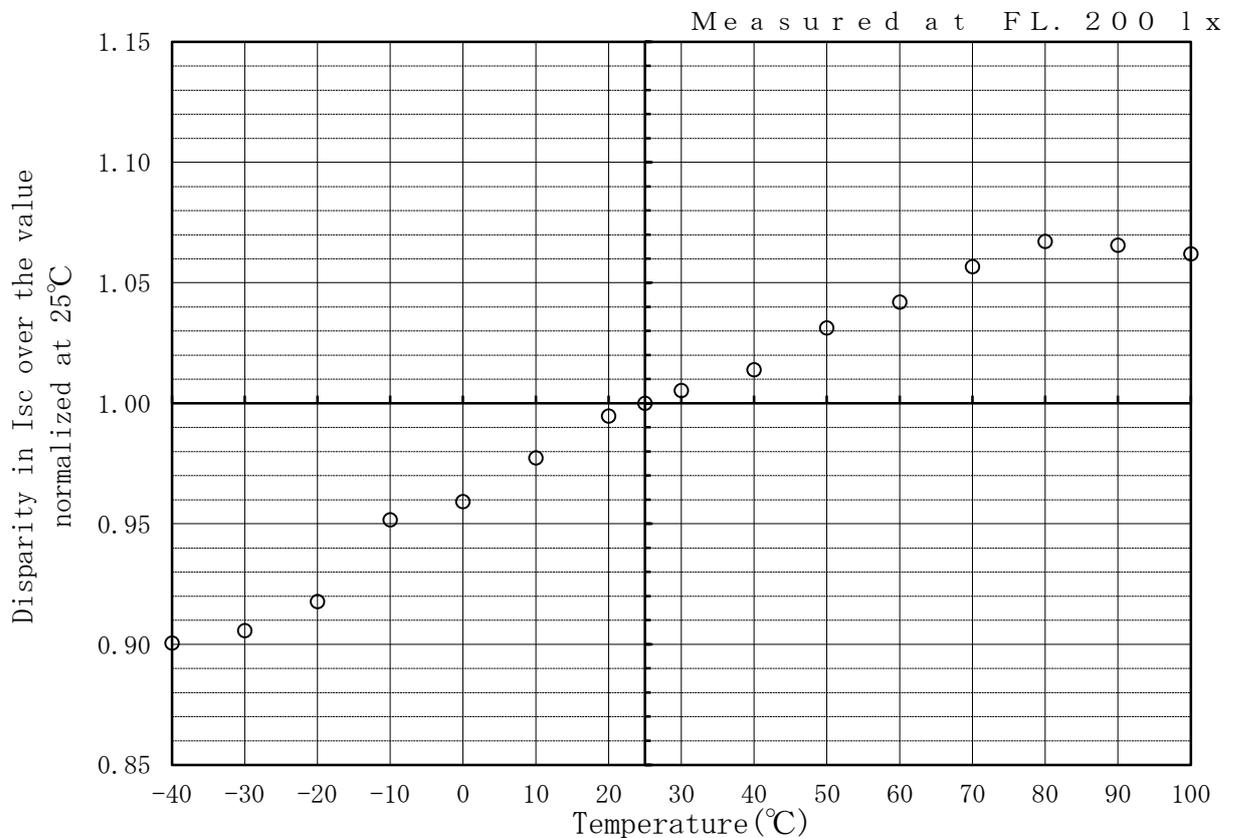
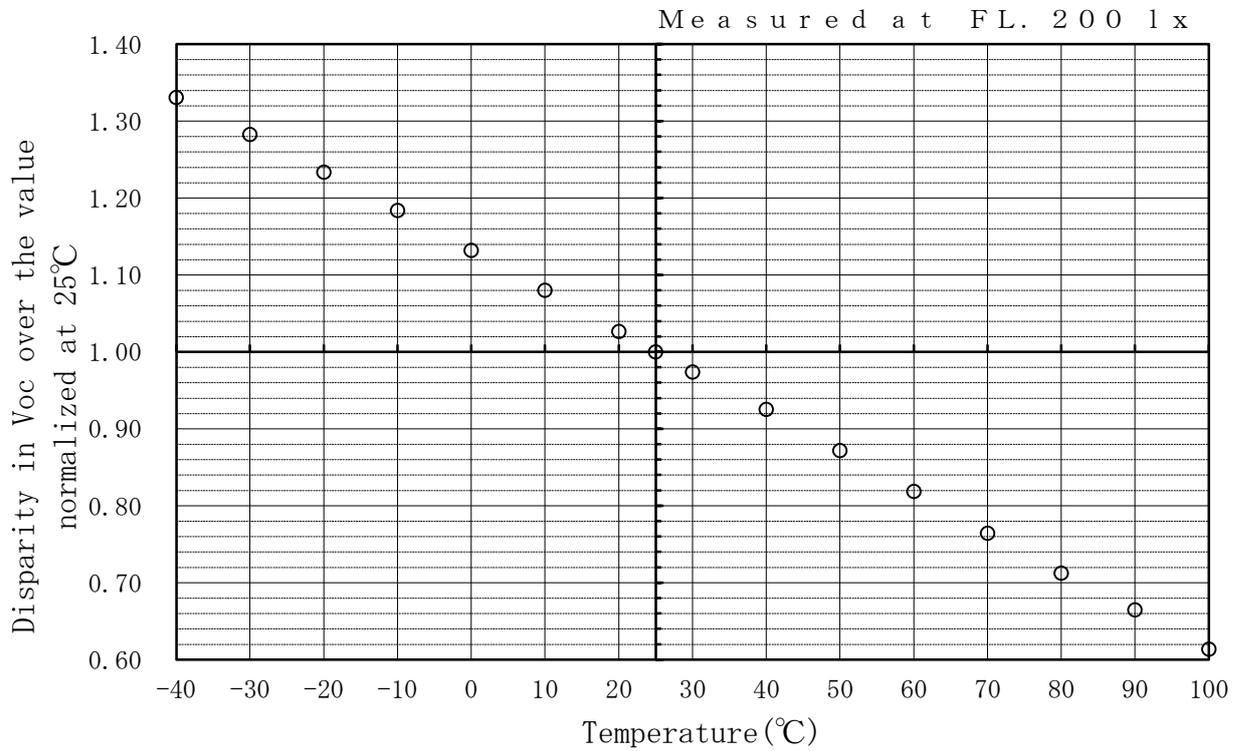
*このデータはサンプルの実測値であり、特性を保証するものではありません。

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

Amorton

Dependence of Output on Temperature

- 1. Name Amorphous Photosensor
- 2. Model AM-30-11

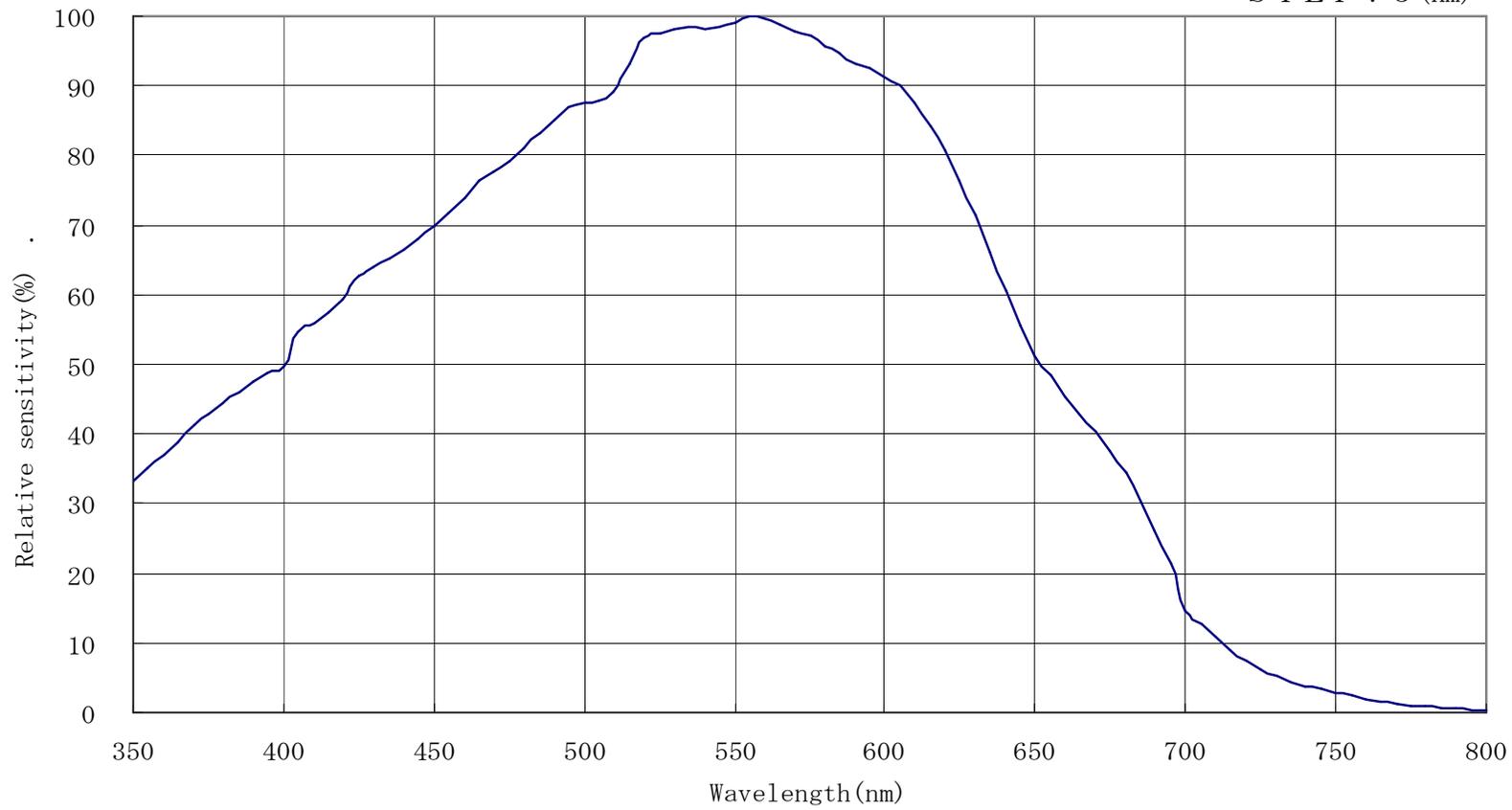


※このデータは標準的な特性を示すものであり、特性を保証するものではありません。
 ※ The data are meant to show standard characteristics only, not intended to guarantee the characteristics.

S p e c t r a l S e n s i t i v i t y

- 1. Name A m o r p h o u s P h o t o s e n s o r
- 2. Model A M - 3 0 - 1 1

STEP : 5 (nm)



※このデータは標準的な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 characteristics only, not intended to guarantee the characteristics.