

KSP-OC-1850MR-ER-X01 - Sphelar® One -

ver.5

Type

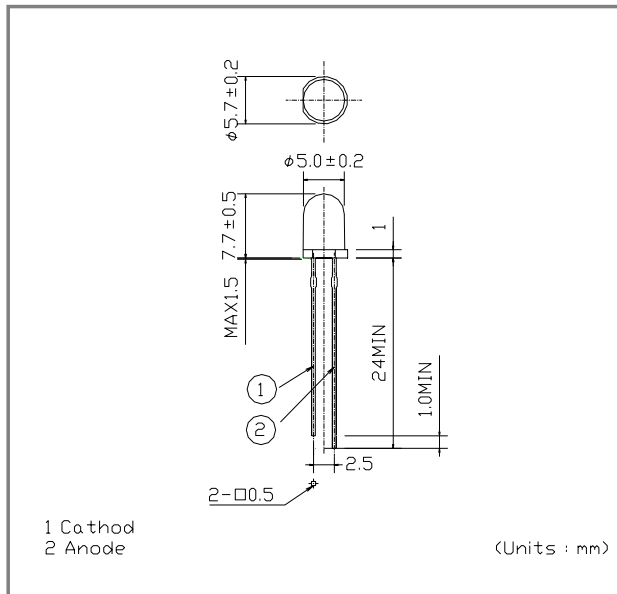
- Cell type Sphelar® cell
- Cells per module 1 cell
- ϕ 3 plastic mold

Features

- Low directivity
- Radial lead cells facilitate any serial and/or parallel connections.

Applications

- Active RFID Tags.
- Miniature Sensors.
- Minute electric power equipment.
- Educational kit etc.

**Dimensions (unit: mm)****Absolute Maximum Ratings**

Parameter	Symbol	Value	Unit	Note
Reverse voltage	VR	5	V	
Storage temperature	Tstg	-20 to +80	°C	non condensing

Electrical performance under Standard Test Conditions(STC)

Item	Symbol	Min.	Tpy.	Max.	Unit	Test Conditions
Maximum Power	Pmax	-	0.66	-	mW	STC Irradiance 100mW/cm ² , AM1.5 spectrum, Ta=25°C
Maximum Power Current	Ipm	-	1.38	-	mA	
Maximum Power Voltage	Vpm	-	0.484	-	V	
Short Circuit Current	Isc	-	1.48	-	mA	
Open Circuit Voltage	Voc	-	0.589	-	V	

Remark

Specifications are subject to change without notice.

Contacts:

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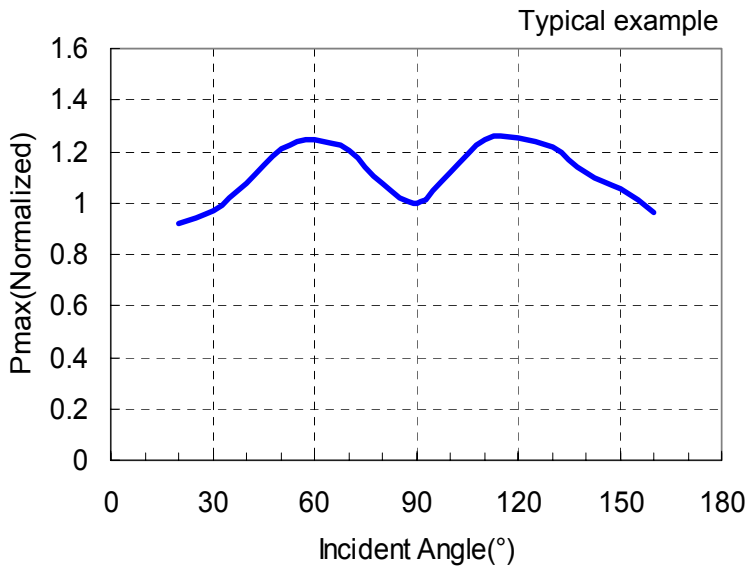
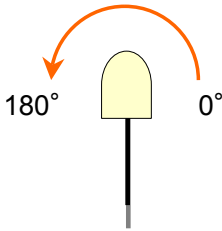
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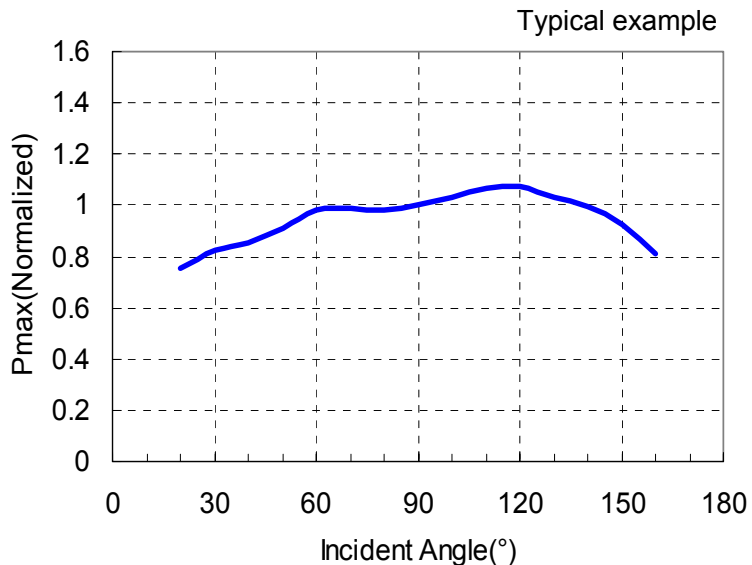
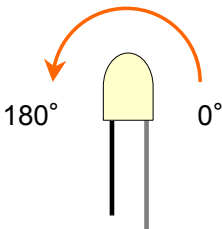
Technical datasheet

Angular dependencies are shown.

(1)



(2)



Conditions : AM1.5, 100mW/cm², 25°C

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