

Electronic Component Solar Panels

Indoor Light Series

The Indoor Light Series opens new opportunities for developing remote power solutions in low light and indoor applications. These panels provide energy collection at light levels down to 200 lux and below, making them useful for almost any indoor environment.

Whether you need advice on battery sizing and chemistry or circuit design using any of the leading energy-harvesting chips on the market today, we can help. We also offer development kits that will take you from IoT concept to product faster.

Looking for a custom Electronic Component Solar Panel? We offer custom sizes, voltages, encapsulations and substrates. If you are working on indoor applications we can provide additional support in designing your solution.

Contact us at www.powerfilmsolar.com to learn more.

LL200-2.4-37

Electrical Specifications:

Max Voc all light levels - 3.7V

200 Lux

Power: 0.068mW Operating Voltage: 1.6V Operating Current: 0.043mA

1000 Lux

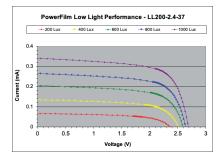
Power: 0.449mW Operating Voltage: 2.1V Operating Current: 0.214mA

Physical Specifications:

Dimensions: 54.0 x 36.5 (mm) 2.13 x 1.44 (in) Weight: 0.03oz / 0.70g



IV Curve



LL200-2.4-75

Electrical Specifications:

Max Voc all light levels - 3.7V

200 Lux

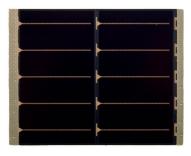
Power: 0.289mW Operating Voltage: 1.6V Operating Current: 0.181mA

1000 Lux

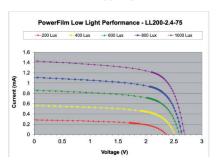
Power: 1.899mW Operating Voltage: 2.1V Operating Current: 0.904mA

Physical Specifications:

Dimensions: 94.0 x 73.0 (mm) 3.70 x 2.87 (in) Weight: 0.06oz / 1.70g



IV Curve



PoverFine Solar Solar

LL200-3-37

Electrical Specifications: Max Voc all light levels - 4.6V

2001....

200 Lux

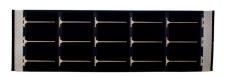
Power: 0.166mW Operating Voltage: 2.1V Operating Current: 0.079mA

1000 Lux

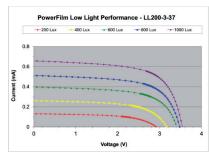
Power: 1.089mW Operating Voltage: 2.6V Operating Current: 0.419mA

Physical Specifications:

Dimensions: 114.0 x 36.5 (mm) 4.49 x 1.44 (in) Weight: 0.04oz / 1.13g



IV Curve



LL200-3.6-75

Electrical Specifications: Max Voc all light levels - 5.5V

200 Lux

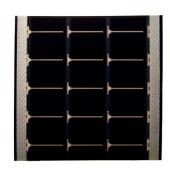
Power: 0.206mW Operating Voltage: 2.4V Operating Current: 0.086mA

1000 Lux

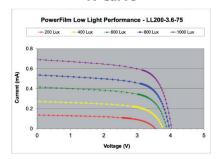
Power: 1.354mW Operating Voltage: 3.2V Operating Current: 0.423mA

Physical Specifications:

Dimensions: 74.0 x 73.0 (mm) 2.91 x 2.87 (in) Weight: 0.05oz / 1.42g



IV Curve



LL200-4.8-37

Electrical Specifications:

Max Voc all light levels - 7.4V

200 Lux

Power: 0.133mW Operating Voltage: 3.2V Operating Current: 0.041mA

1000 Lux

Power: 0.871mW Operating Voltage: 4.2V Operating Current: 0.207mA

Physical Specifications:

Dimensions: 94.0 x 36.5 (mm) 3.70 x 1.44 (in) Weight: 0.04oz / 1.13g

IV Curve

