



Organic Photovoltaic Module for Indoor Applications

Engineering Sample - Specification Sheet

(17082015 - Specifications are subject to change)

Indoor Peak Power (W_{PI})	65 μ W 500 μ W	(200 Lux - active area efficiency of 3 μ W/cm ²) (1000 Lux - active area efficiency of 20 μ W/cm ²)
Open Circuit Voltage, (V_{OC})	2.6 V 3.3 V 4.5 V	(indoor, 200 lux) (indoor, 1000 lux) (outdoor, 1 Sun)
Short Circuit Current, (I_{SC})	55 μ A 280 μ A 40 mA	(indoor, 200 lux) (indoor, 1000 lux) (outdoor, 1 Sun)
Voltage at Peak Power, (V_P)	1.8 V 2.5 V 3.0 V	(indoor, 200 lux) (indoor, 1000 lux) (outdoor, 1 Sun)
Current at Peak Power, (I_P)	36 μ A 200 μ A 30 mA	(indoor, 200 lux) (indoor, 1000 lux) (outdoor, 1 Sun)
Operating Temperature	0÷65 °C	
Bending Radius	2 cm	
Module Material	UV resistant polymers	
Size (l x w)	65 x 110 mm	
Appearance	Dark brown with reflective surface	
Thickness	0.8 mm	
Weight	10 g	
Contact termination type:	Tinned copper tabs (can be customised)	