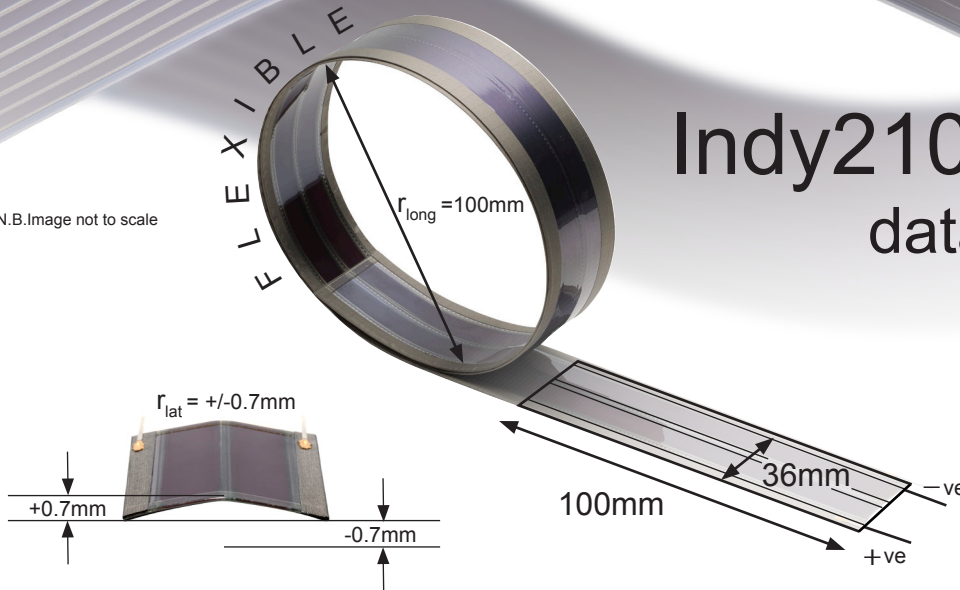


Dye Sensitised Indoor Photovoltaic Module

Indy2100 data sheet

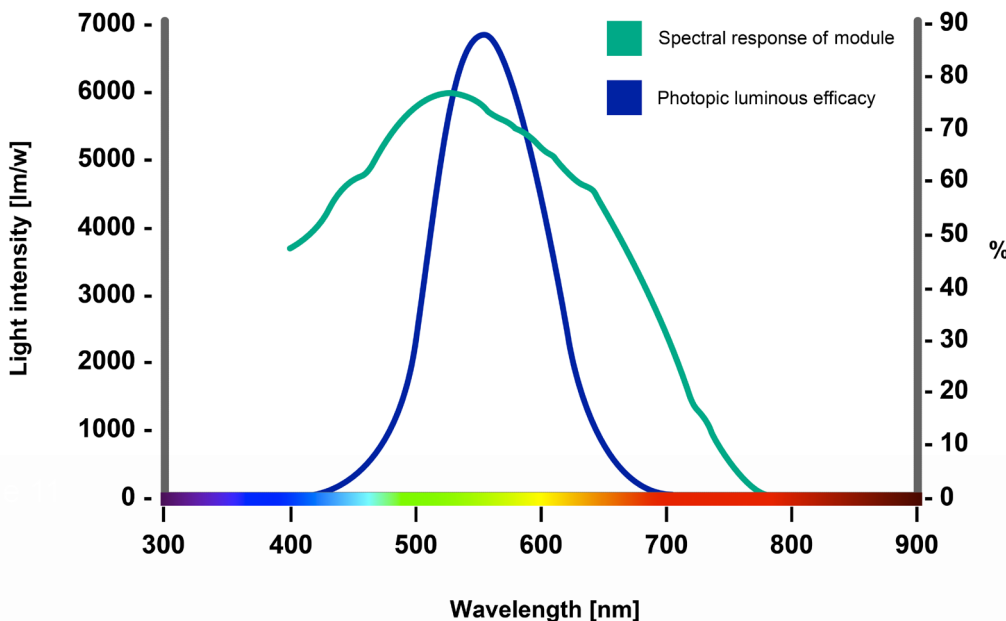
N.B. Image not to scale



Power connections are suitable for crimp connection or soldered connection with the appropriate use of heat-shunt tweezers to ensure minimal heating of the polymer material.

| Parameter | Symbol | Condition | Typical | Minimum | Maximum | Units |
|-----------------------|--------|-----------|---------|---------|---------|-------------------|
| Open circuit voltage | Voc | 200 lux | 1.13 | 1.11 | 1.15 | V |
| | | 1000 lux | 1.25 | 1.24 | 1.26 | |
| Short circuit current | Isc | 200 lux | 109 | 105 | 113 | μA |
| | | 1000 lux | 524 | 501 | 547 | |
| Operating voltage | Vop | 200 lux | 0.91 | 0.89 | 0.93 | V |
| | | 1000lux | 1.01 | 1.01 | 1.02 | |
| Operating current | Iop | 200 lux | 97 | 89 | 104 | μA |
| | | 1000 lux | 473 | 456 | 491 | |
| Bend radius | Br | - | 30 | - | - | mm |
| Thickness | d | - | 0.35 | - | - | mm |
| Mass | M | | 0.06 | | | gcm ⁻² |

F36W-827 Fluorescent tubes



G24i's dye sensitised indoor photovoltaic modules have been optimised to work under indoor lighting providing the highest power density.

This evaluation module is intended for development, demonstration or evaluation purposes only. G24i does not provide this module as a finished product fit for general use. Persons handling the module must have electronics training and observe good engineering practice standards. G24i reserves the right to change the module specification at any time.

N.B.
All dimensional measurements shown are approximate.

Performance specifications shown maybe subject to variation.

Physical Characteristics maybe subject to change.

Longitudinal bend radius spec (r_{long})

Lateral bend radius spec (r_{lat})

All samples supplied are prototype subject to customer specification.