

Panel Specifications

Electrical:

1000 Lux: 0.423mA at 3.2V (1.35mW)<sup>1</sup>  
 200 Lux: 0.086mA at 2.4V (0.206mW)  
 Max Voc: 5.55V (Direct Sunlight)<sup>1</sup>  
 Average Isc: 65mA (Direct Sunlight)<sup>1</sup>

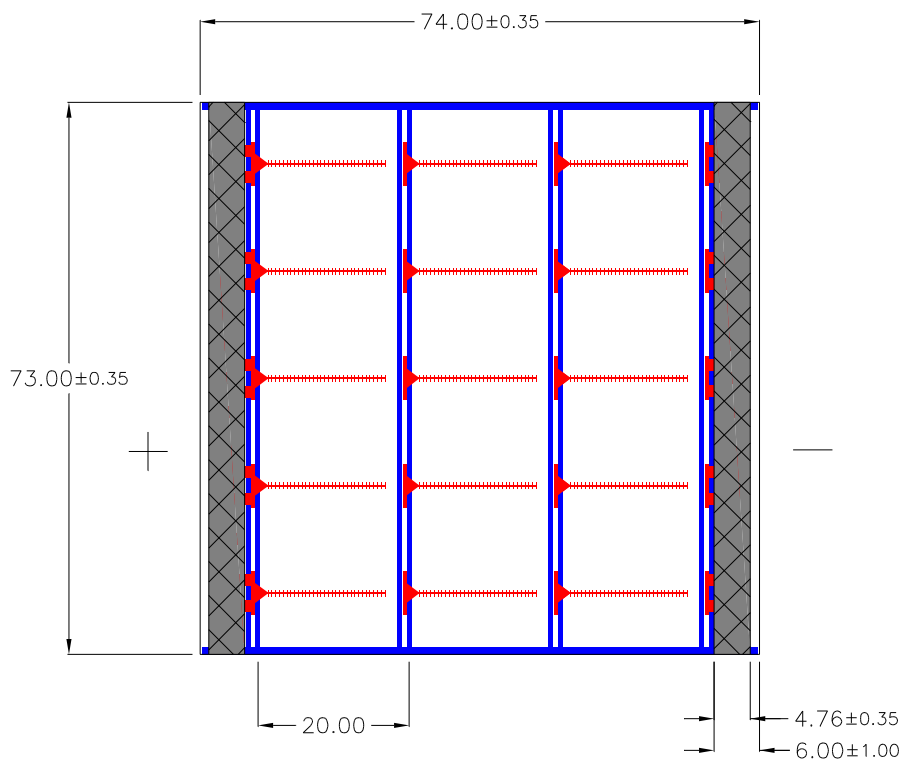
Mechanical:

f/b Laminate: 3 mil PET / 3 mil PET  
 3/16 in Copper Foil Busbar  
 Thickness: 0.2–0.3mm  
 Appr. Weight: 1.42 grams  
 Operating Temperature: -25C to 65C<sup>2</sup>  
 Bend Radius: 1 inch fixed, 3 inch repetitive<sup>3</sup>  
 UV and Moisture Protection: Limited<sup>4</sup>

REVISIONS

DRAWING NO.  
LL200-3.6-75

REV	DESCRIPTION	REVIEW	DATE
1	3 Cell 73 x 74 mm Tandem Low Light Module		12/2/2020



Panel Information, Handling and Assembly Best Practices



1. Tested under a cool white LED spectrum. Extended exposure to direct sunlight can reduce panel performance.
2. Exposed contacts to tinned copper foil are recessed by approximately 0.15 mm
3. High temperature laminates available for up to 85C continuous, 100C peak (4 hours daily).
4. Contact engineering support for tighter flexing requirements
5. Tolerant to intermittent exposure to UV, moisture and weather. Full UV and weatherproofing options are available.

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**PowerFilm Inc.**

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TITLE  
3 Cell 73 x 74 mm Tandem Low Light Module

SCALE 1:1 DATE:12/2/2020

DRAWN Sam Jones

CHECKED

REF.

DRAWING NO.  
LL200-3.6-73

UNITS: mm