

Panel Specifications

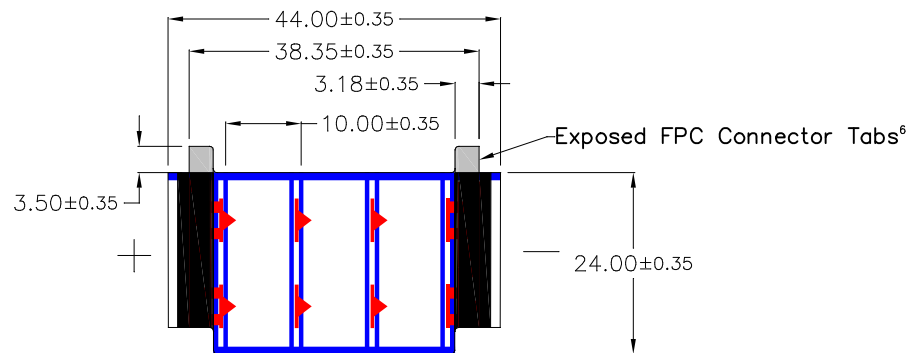
Electrical:

1000 Lux: 63.4uA at 3.2V (204uW)<sup>1</sup>  
 200 Lux: 13uA at 2.4V (31.1uW)  
 Max Voc: 5.55V (Direct Sunlight)  
 Average Isc: 9.8mA (Direct Sunlight)

Mechanical:

f/b Laminate: 10 mil PET / 10 mil PET  
 $\frac{3}{16}$  in thick Copper Foil Busbar  
 Thickness: 0.48 mm<sup>2</sup>  
 Appr. Weight: 0.76 grams  
 Operating Temperature: -25C to 65C<sup>3</sup>  
 Bend Radius: 3 inch repetitive<sup>4</sup>  
 UV and Moisture Protection: Limited<sup>5</sup>  
 Exposed FPC Connector Tabs<sup>5</sup>

REVISIONS		DRAWING NO. INQ3.6-24x44T	
REV	DESCRIPTION	REVIEW	DATE
1	3 Cell 24 x 44 mm Low Light Tandem Module	SJ	3/22/2021
2	Changes to mechanical properties. Laminate, thickness, and weight	SJ	6/9/2021



1. Tested under a cool white LED spectrum. Extended exposure above rated light intensity can reduce panel performance
2. Up to 0.8 mm thickness measured across foil bustape
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.
6. Compatible with 0.3 mm thickness FPC connectors. Tested with Molex 503480-06

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TITLE 3 Cell 24 x 44 mm Low Light Tandem Module			
SCALE	1:1	DATE	3/15/2021
DRAWN	John Fecht	REF.	
CHECKED		DRAWING NO.	INQ3.6-24x44T
UNITS: mm			