Deposit $Zn_xCd_{(1-x)}Te$ on MP-$SiO_2/CdS/ITO/Glass$ For Record Breaking Solar Cells

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Growth Procedure

- Growth Sequence: ZnTe on CdTe on MP-SiO2/CdS/ITO/glass

Deposit: ZnTe
Substrate Temp: 550°C
Source Temp: 665°C
Deposition time: 12 min

Deposit: CdTe
Substrate Temp: 540°C
Source Temp: 565°C
Deposition time: 7 min

Common Conditions: He Flow: 50 sccm, Spacing: 3mm, 0.05 Torr
Characterization of ZnCdTe Growth on Micro Patterned CdS