

Selecting “points of light”



- each frame is “registered” to a common frame by spatial correlations
- 4,200 source apertures are identified by hand (out of approximately 20,000 windows in the scene)
- for each frame, the average brightness of each source is calculated in 3 bands (RGB)
- the brightness of a given source as a function of time is referred to as its “light curve”

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The city illumination is a proxy for activity in cities. Including it in energy models improve the model predictions by 15%