Moving Dark Skies Forward in Flagstaff

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LOWELL OBSERVATORY
The Flagstaff LED Streetlight Transition

1. Currently in Flagstaff:
   - 70% low pressure sodium
   - 30% high pressure sodium
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2. SLEDS (Street Lighting for Enhancing Dark Skies)

• Collaboration between City, Lowell, and USNO

• Chris Monrad and Jim Benya selected as our consultants

• $300K available for creating the lighting plan and installing test fixtures
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3. Current Status

- Eventual solution will make substantial use of narrow band amber LED (NBALED).
- May include hybrid mix of 80% NBALED / 20% warm white (2700K) LED on arterials & collectors.
- We’re identifying areas / roadways for test installations later this year.
- We’d like this to be a model other communities can use or adapt to their needs.