

# Moving Dark Skies Forward in Flagstaff

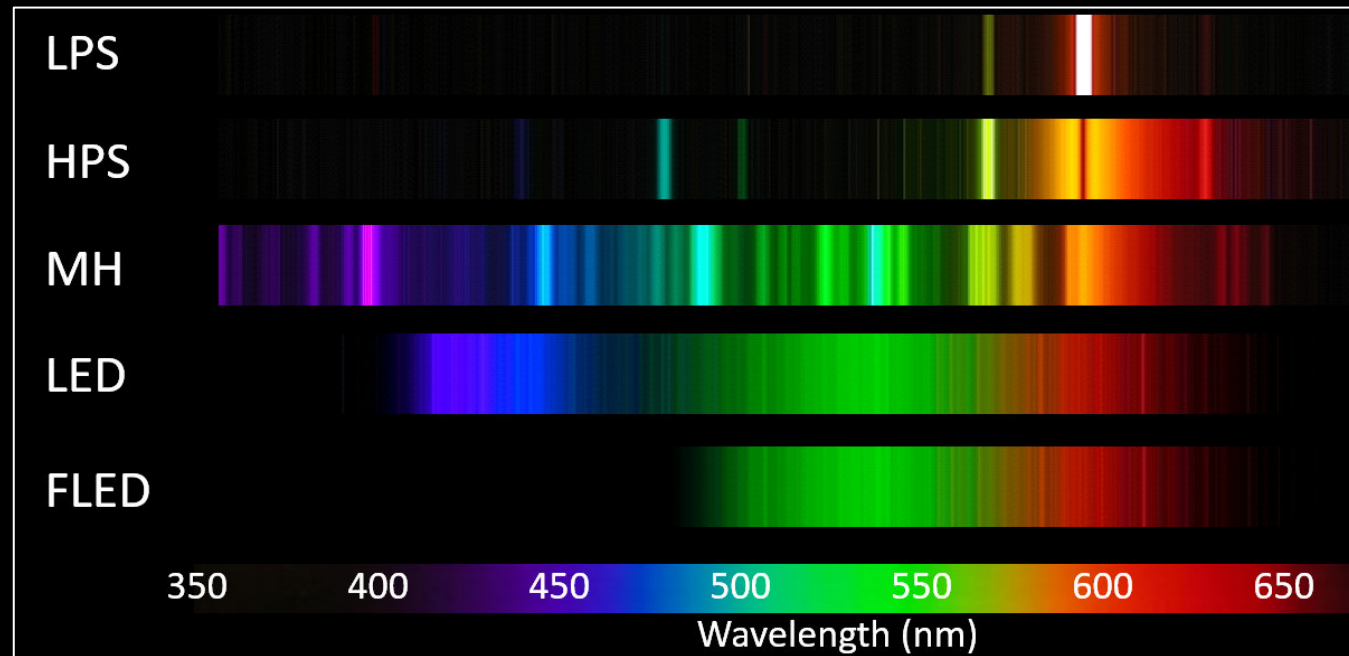
**JEFFREY HALL, DIRECTOR**

**LOWELL OBSERVATORY**

# The Flagstaff LED Streetlight Transition

## 1. Currently in Flagstaff:

- 70% low pressure sodium
- 30% high pressure sodium



# The Flagstaff LED Streetlight Transition

## 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

# The Flagstaff LED Streetlight Transition

## 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.**