

# Pole Mounted Pedestrian Pathway Lighting

Buildings & Grounds  
October 10, 2023

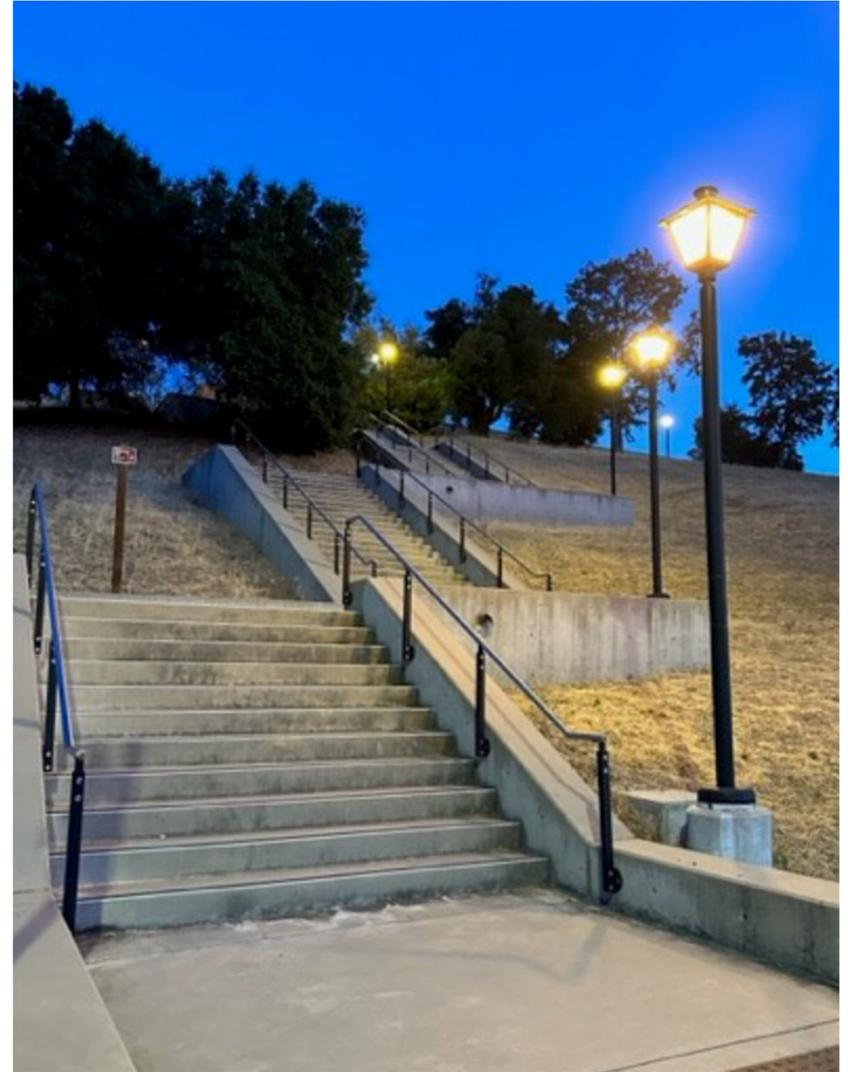
# Lighting

## Completed

- Parking Lot Lighting
- Under-eave Exterior Building Lighting

## Upcoming

- **Pedestrian Pathway Lighting**
- Interior Building Lighting
- Accent Lighting / Signage Lighting



# Competing Requirements

- Improve lighting for safety and visibility
- Improve energy efficiency
- Minimize impact on adjoining properties
- 2008 EIR: “New signage and lighting fixtures shall be constructed to reflect the defined architectural vocabulary of the 1961 campus but do not exactly replicate the 1961 features.”



# Pole Mounted Pedestrian Pathway Lighting

**Original Fixtures**



**Existing Pole Lighting  
High Pressure Sodium 150W**



# Existing Pole Mounted Lighting

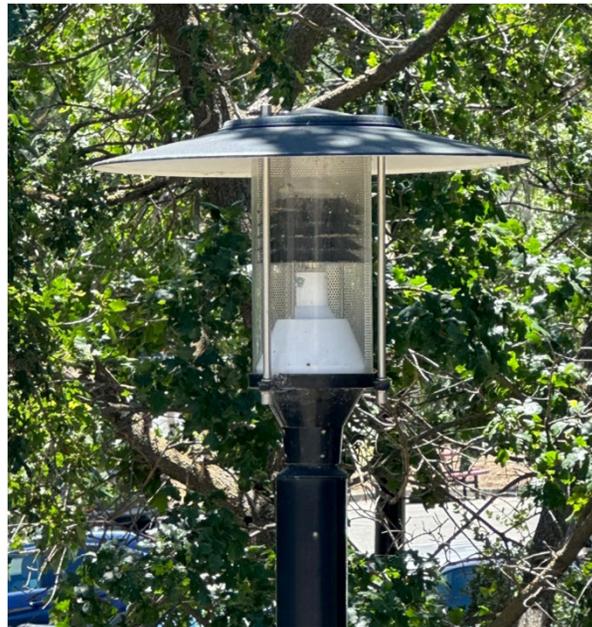
**Primary Fixture is Lantern Style  
150W High Pressure Sodium**



Downward Lit?

**Lower Campus**

**70W Louis Poulsen Metal Halide**



Not Fully Shielded

**NDO: 56W Bega LED Fixtures &  
PSEC: 70W Metal Halide**



May not be Architecturally  
'Compatible' with Campus Core

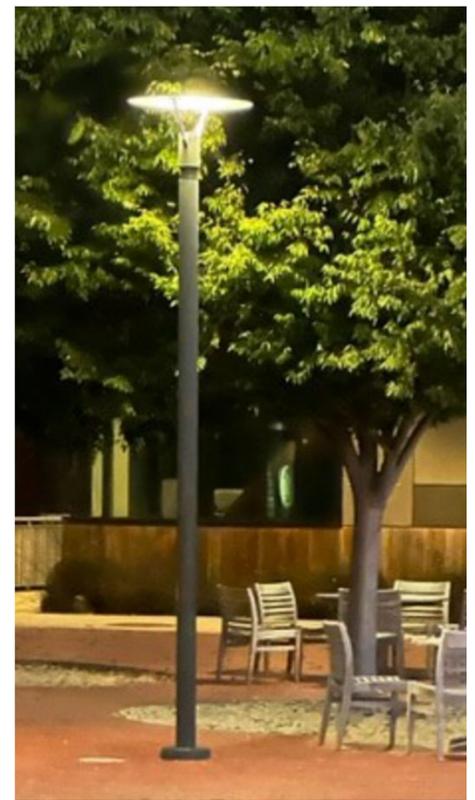
# Existing Pole Mounted Lighting



HPS Lighting



LED Lighting



PSEC Metal Halide

# Typical Building Profile

EIR: Lighting to reflect the defined architectural vocabulary of the 1961 campus

Large roofs with crested parapets and very wide, flared eaves



Building 5800 at Bus Stop

# Considerations

- Light shielded / downward casting
- Energy Efficient
- Minimal Backlight, Uplight and Glare (“BUG”) Rating
- Sympathetic to the scale, materials and design of the 1961 campus
- Ease of maintenance – hinged poles
- Upfront Cost

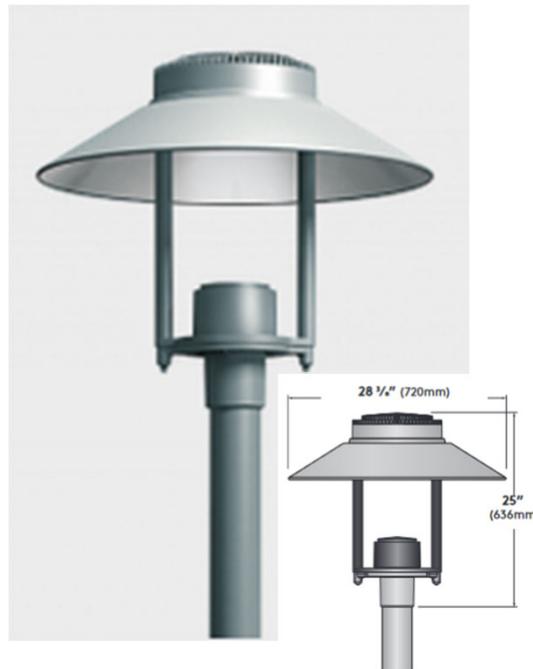


# A Few Options for Consideration

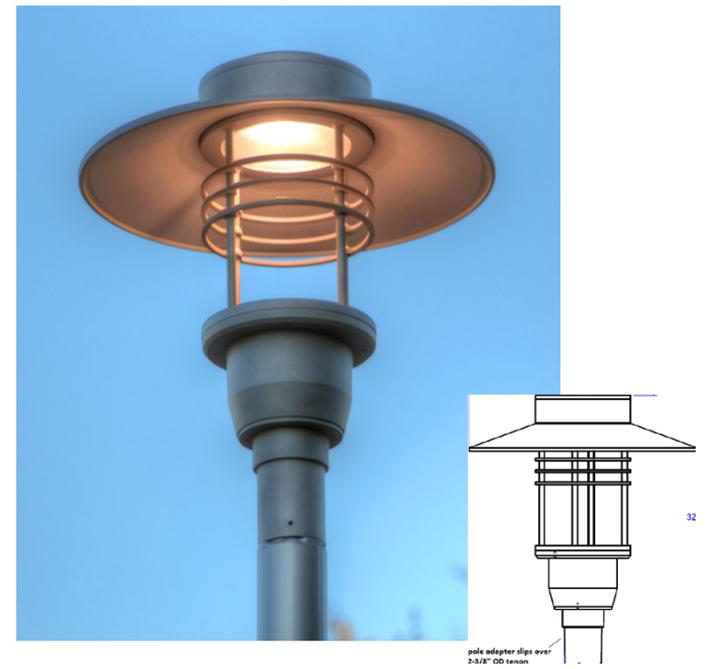
**Beacon Slide**  
**55 Watt**



**Selux Saturn**  
**50 Watt LED**



**Intrigue Eurotech**  
**55 Watt LED**



# A Few Options for Consideration

Downward Casting, Shielded Lights

**Kim Lighting "Bounce"**

**48 or 71 watt**



Amber Option  
Largest at 31 inches

**Amerilux 214FD**

**56 watt**



**Amerilux 216FD**

**56 watt**





American Revolution  
16.8 inches wide



Gardco Pureform  
20.3 inches wide



Amerilux  
28 inches wide

# Existing Bollards

Existing at D120: LED

Existing at Smithwick: Mixed



Existing at NDO & soon at  
Lower Campus Pathway

22 Watt LED



Existing at Lower Campus

70 Watt Metal Halide



