



# Choosing Streetlights

Criteria, Options, &  
Recommendations



# Agenda

- ◆ Assumptions
  - ◆ Criteria
  - ◆ Choices
- ◆ Historical References
  - ◆ Recommendations
    - ◆ Q&A



# Assumptions

- ◆ Compatibility with new Traffic Signal Poles
  - ◆ Pilot >> Main Street >> Middletown
    - ◆ 1-for-1 Replacement
    - ◆ CL&P Owns Poles



# Criteria

- ◆ “The Look”
- ◆ Brightness
  - ◆ Materials
- ◆ Accessories

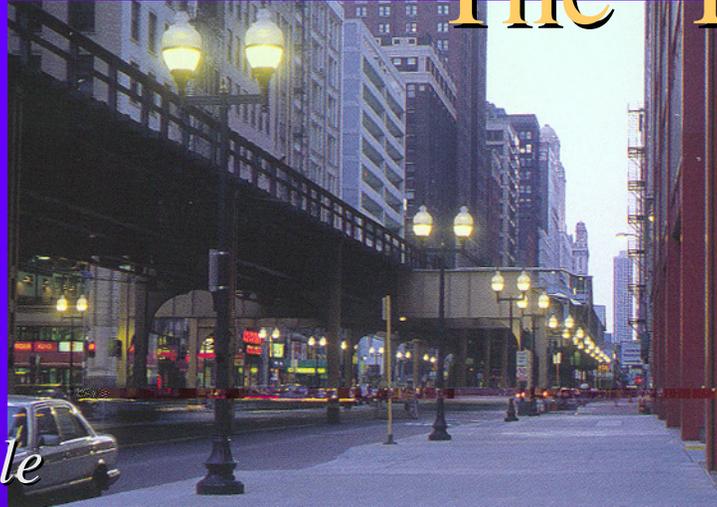


# Choices

Applying the criteria



# The "Look"



- *Scale*
- *Fixture*
- *Pole*



# Scale

At once appropriate to  
the Pedestrian & the  
Buildings



# Scale to Pedestrian

1. *Pedestrian should not be diminished by the scale of the streetlight*
2. *Scale and Orientation of the streetlight should demonstrate its pedestrian purpose*





# Scale to Street



*Paris*

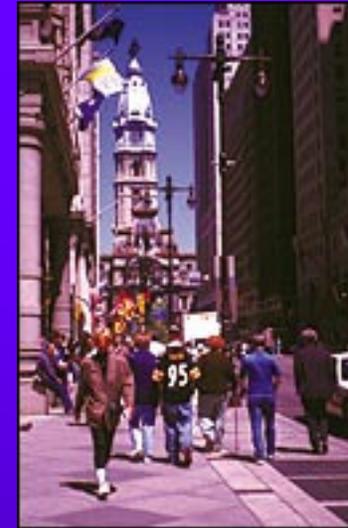


*Middletown*

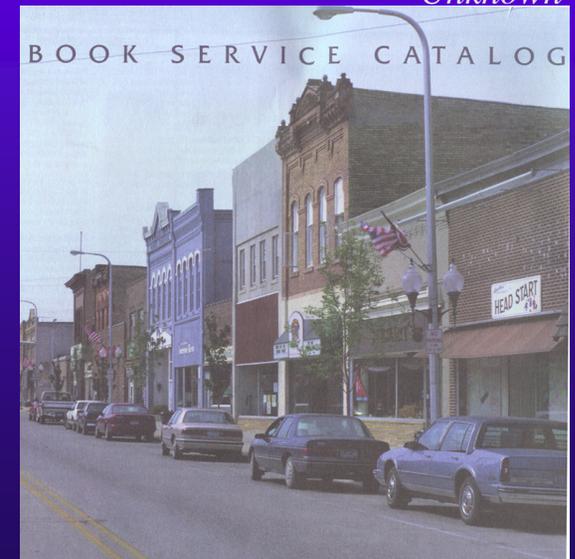


# Scale to Buildings

1. *As much as possible, streetlight heights should not exceed 2/3 the height of building heights*
2. *Tall streetlights look better with tall buildings*



*Philadelphia*



*Unknown*



*Amsterdam*



# Fixtures

Historically appropriate



# Poles

Compatible with traffic  
signal poles

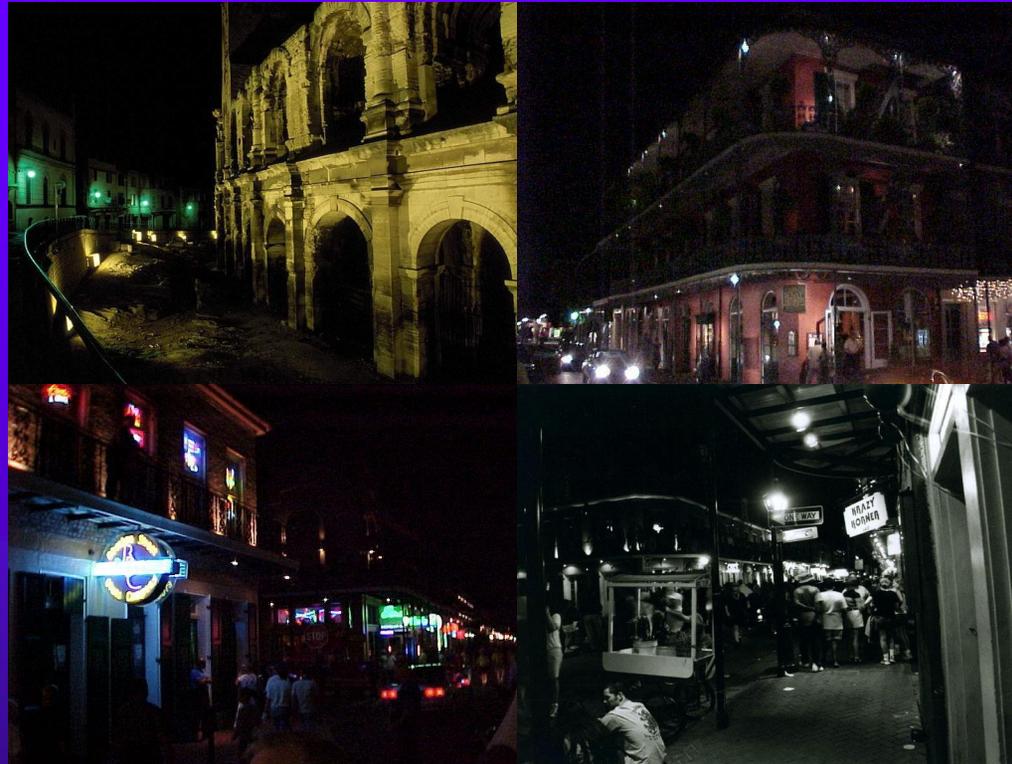


# Brightness

Maintain both visibility and  
the pleasantness of night



# Brightness (& Darkness)





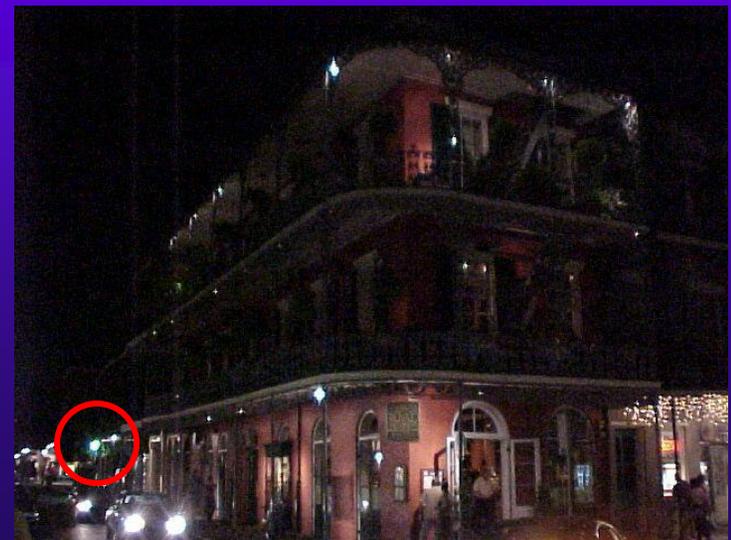
# Materials

Durability, Practicality,  
and Aesthetic Value



- ◆ Sodium: Yellow
- ◆ Halide: White
- ◆ Cost
- ◆ Duration

# Sodium vs. Halide





# Glass versus Polycarbonate

- ◆ Cost
- ◆ Durability
- ◆ Safety



# Cast Iron versus Aluminum

- ◆ Installation Costs
- ◆ Weather
- ◆ Safety



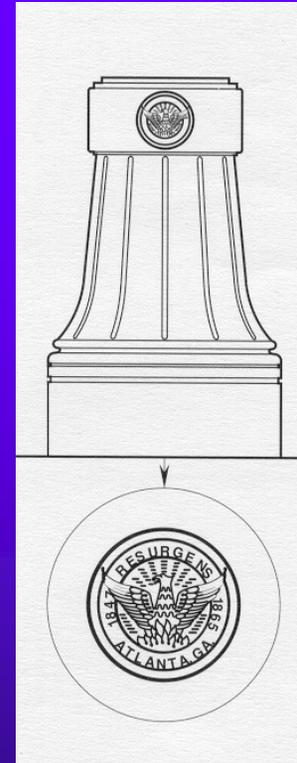
# Accessories

“Mixed Use” Poles



# Accessories to Consider

- ◆ Outlets
- ◆ Planters, “ladder posts”
- ◆ Street signs
- ◆ Banners
- ◆ Seals





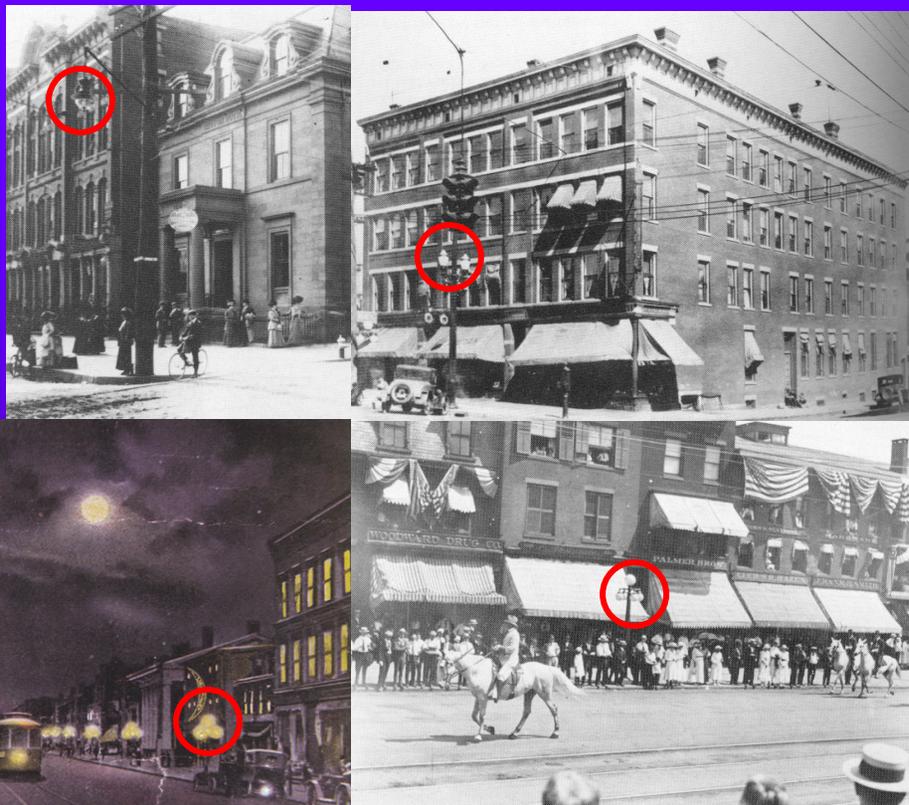
# Historical Reference



"Antique" Streetlights in  
Middletown's History



# Historical Middletown Photos





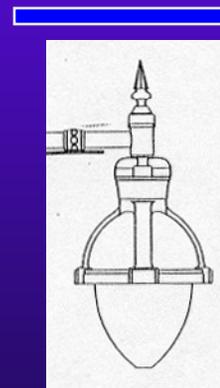
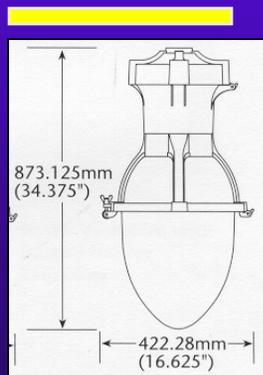
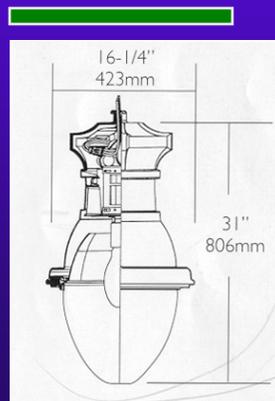
# Recommendations

*Option A*

*Option B*

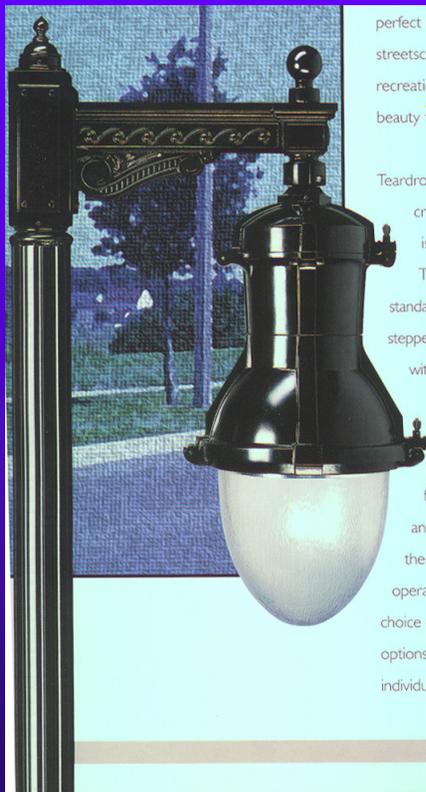


# Option A: Suspended Fixture

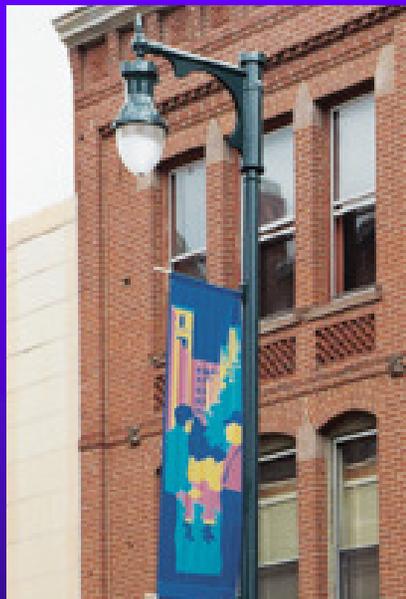




# Whole Package(s)



perfect o  
streetsca  
recreatio  
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# Option B: Globe fixture

