



**LDRAB Lighting Subcommittee  
Wednesday, January 12, 2005 AGENDA  
100 Australian Avenue  
Executive Conference Room, 3:00 p.m.**

- A.
  - Review field data/photos obtained by staff and Mr. Blackman
  - Dark skys website data
  - Other related ordinances
  
- B.
  - Establish outline for lighting standards
  - Parking lot lighting
  - Use applicability
  - Building mounted
  - Non – conforming uses
  - Degree of compliance
  - Lighting master plans
  
- C. Discuss next meeting agenda
  
- D. Adjourn

# LDRAB/Lighting Subcommittee Meeting

January 12, 2005, 3:00 PM Executive Conference Room

Present:

## Members

Wesley Blackman

Barbara Noble

## Zoning Staff

Robert T. Buscemi, RA, Principle  
Planner

David Garrard McGuire, Site Planner II

## Industry

Andrew Youngross PE,  
Thompson & Youngross  
Engineering Consultants LLC.

## Building Staff

Leonard Devine Jr. Plan Review

- Reviewed Minutes of December meeting
- Mr. Buscemi provided handouts and reviewed highlights for each of the following:
  1. White paper on outdoor lighting code issue as prepared by the National Electrical Manufacturers Association
  2. Outdoor lighting and road glare ordinance, Cherokee County, Georgia
  3. Ordinance on parking lot illumination, Miami – Dade
  4. Model outdoor lighting ordinance for cities and towns
  5. Framework for outdoor lighting improvement ordinance as prepared by the Indiana Council on outdoor lighting
  6. Lighting ordinance, Brevard County
- Mr. Buscemi presented fourteen slides of good and bad examples of night lighting for the following uses:
  - a. Car dealership
  - b. Gas station
  - c. Supermarket center
- Mr. Youngross presented highlights of other lighting ordinances within Palm Beach County Municipalities and neighboring counties
- Mr. Youngross also presented ten examples of lighting photometric drawings (five good examples and five bad examples)
- Items discussed by Committee:
  1. Uniformity ratios (example Walgreens) 12:1 maximum to minimum 3:1 average minimum
- Publix increased their requirements from three floor candle to five floor candle at entrance areas
- Light sources:
  - HPS – High pressure sodium
  - MH – Metal halide
  - MV – Metal vapor
  - LPS – Low pressure sodium
  - HPS – Hard to differentiate colors

- Height of poles  
Location of poles and how light performs when integrated into landscape/tree areas
- Hours of operation
- Glare on R-O-W
- Security – minimum levels within parking areas:
  - 1.5 minimum
  - 0.5 maximum foot candles six feet above grade at property line
- Light Pollution
- Effect of lighting ordinance on new and existing projects. Applicability for existing uses would be:
  - a) Hours of operation
  - b) Minimum security lighting
  - c) Glare on R-O-W
- Mr. Buscemi stated that the requirements should be tier sensitive and categorized by use.
- Mr. Devine Jr. suggested using the following as a good example: Ordinance – 1046 [www.cfas.org/casselberry.htm](http://www.cfas.org/casselberry.htm)
- Mr. Buscemi will have staff prepare draft Lighting Ordinance and will transmit to all prior to the next meeting which is scheduled for February 16, 2005 at 3:00PM.
- Staff will post news release on PZB Zoning Website at [www.pbcgov.com/pzb](http://www.pbcgov.com/pzb)