The Oakdale lighting strongly relates to the lighting on the main campus, but has been tweaked to provide some distinction for Oakdale and also to recognize the campus new architectural image.

**WALK LIGHTING**

**Fixture:** Sterner EXEC--RT21 (16" X 21" X 1.75 tall "shoebox type")--same style as main campus, but black instead of bronze (see fixture below)

**Lamp:** 150W Metal Halide

**Pole:** Concrete hexagonal direct bury pole (doesn't require footings) 14ft mounting height--same as main campus, but etched dark gray instead of brown.

SPECS: Stresscrete concrete pole; Cat #E190-APH-G-E11; hexagonal section; complete with hex ring; Eclipse Black color, etched finish E-11; pole top 4in flat-to-flat; pole butt 7 5/8in flat-to-flat; length 19ft; taper 0.19in per foot. Provide appropriate arm and hexagonal fitter 4in flat-to-flat.

**Lighting Standards:** 0.20 footcandle minimum (Note: 0.20 is the acceptable minimum, 0.30 footcandle is the desired minimum)

**PARKING LOT LIGHTING**

**Fixture:** Sterner EXEC--RT25 (20" X 25" X 8.75" tall "shoebox" type) different than main campus and black instead of bronze (see fixture below)--main campus has the common Cobra Head fixture in bronze.

**Lamp:** 250W Metal Halide

**Pole:** Concrete hexagonal direct bury pole (doesn't require footings) 29ft mounting height--same as main campus, but etched dark grey instead of brown.

SPECS: Stresscrete concrete pole; Cat #E340-APH-G-E11; hexagonal section; complete with hex ring; Eclipse Black color, etched finish E-11; pole top 4in flat-to-flat; pole butt 10 1/2in flat-to-flat; length 34ft; taper 0.19in per foot. Provide appropriate arm and hexagonal fitter 4in flat-to-flat.

**Lighting Standards:** 0.60 footcandle minimum

**STREET LIGHTING**

**Fixture:** Sterner EXEC--RT25 (20" X 25" X 8.75" tall "shoebox" type) different than main campus and black instead of bronze (see fixture below)--main campus has the common Cobra Head fixture in bronze.

**Lamp:** 250W Metal Halide

**Pole:** Concrete hexagonal direct bury pole (does not require footing) 29ft mounting height--same as main campus, but etched dark grey instead of brown.

SPECS: Stresscrete concrete pole; Cat #E340-APH-G-E11; hexagonal section; complete with hex ring; Eclipse Black color, etched finish E-11; pole top 4in flat-to-flat; pole butt 10 1/2in flat-to-flat; length 34ft; taper 0.19in per foot. Provide appropriate arm and hexagonal fitter 4in flat-to-flat.

**Lighting Standards:** 0.50 footcandle minimum
**LAMPPING:** Metal Halide (white light)*

**NOTE:** Reference the University of Iowa Campus Lighting Strategy Amendment August 1999 for lighting details. A photometric plan for all site lighting is required. Any variance from the approved standards is to be approved by the Oakdale Design Review Committee designated Facilities Management staff and the photometric plan is to be approved by the Facilities Management Electrical Engineer and Energy Conservation Engineer.

In summary, Oakdale differs from the main campus in that the parking lot light fixtures are to be a "shoebox" instead of Cobra Head type, the fixtures will be black instead of bronze and the poles are dark grey instead of brown. On both the main and Oakdale campuses, the University has changed from the standard of high pressure sodium (HPS) lamps (yellow light) to Metal Halide (MH), (white light) for better color rendition. (The MH lamps have been improved to an energy efficiency level very close to HPS and the cost of the MH lamps has dropped to be equivalent to the HPS cost.)

* Note: LED or Induction lamps (white light) are being evaluated but would replace the metal halide lamps only if required by the Energy Conservation Engineer.