

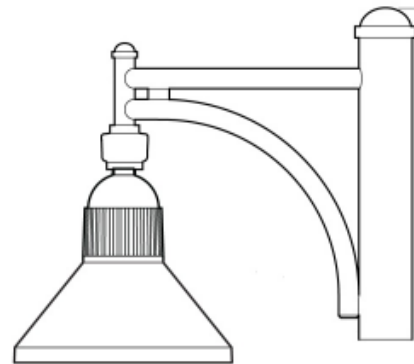
Exterior Lighting Design Cottages at Riverton

Exterior lighting for the Cottages at Riverton has been selected to enhance the aesthetics, safety, and security of this neighborhood. In general, full cut-off lighting is used to reduce glare and to avoid light trespass onto adjacent properties and into residences. Full cut-off lighting does not emit light above the horizontal plane, instead, it directs light downward. An exception to this application is the lighting at residential porches. In this case, a low-energy luminous fixture is provided to assist in wayfinding (i.e., enter here) and provide a welcoming glow.

Light Sources: Lighting will utilize metal halide for post-mounted fixtures and compact fluorescent for building-mounted fixtures to provide high-quality white light. Using metal halide instead of high-pressure sodium (HPS) will provide better color rendering, which can enhance the feeling of security.

Streets: Streets will be illuminated to levels as noted in the Illuminating Engineering Society of North America (IESNA) Recommended Practice for Roadway Lighting. Streets internal to the project will be lit to a minimum average maintained illuminance of 0.4 footcandles, with a maximum/minimum ratio not to exceed 6:1.

The fixture will be a full cutoff luminaire, with a height of approximately 15 feet. The selected fixture is the Eurotique Munich Series.



Street Lighting Luminaire

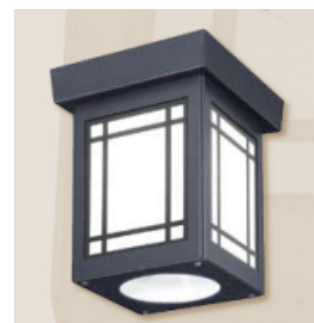
Walkways: Walkways will be illuminated to levels as noted in the IESNA Recommended Practice for Exterior Environments. Walkways separate from adjacent streets will be lit to a minimum average maintained illuminance of 0.5 footcandles, with a maximum/minimum ratio not to exceed 10:1.

The fixture will be a full cutoff luminaire, with a height of approximately 12 feet to reinforce a more pedestrian scale. The selected fixture is the Eurotique Munich Series, with post-top mounting to provide design continuity throughout the project while differentiating pedestrian-only spaces from streets.



Pedestrian Post-top Luminaire

Residential Entry: Lighting at residential entries will provide a soft, glowing light. The selected fixture is the Visa Midland ceiling mount with compact fluorescent lamping.



Residential Entry Luminaire

Garage Entry: Wall mounted lighting at garage entries is intended to illuminate garage doors and the building edge without creating glare. As such, the selected fixture provides downward light only, with an opaque, not glowing, fixture body. The selected fixture is the Shaper 684 with compact fluorescent lamping.



Garage Entry Luminaire