

## R2: Lighting Narrative

Restful Refuge Retreat

Location: Mount Tremper, Town of Shandaken, NY SBL 25.11-1-22.311 (5305 Rt 212 Mt. Tremper)

**The proposed outdoor lighting for the site is intentionally limited in scope and designed to provide safe pedestrian circulation while preserving the site's rural, wooded character and minimizing light trespass to adjacent properties.**

## Lighting Impacts and Compliance

All exterior lighting is designed in accordance with dark-sky-friendly principles. No uplighting, floodlighting, pole-mounted lighting, or continuously illuminated exterior lighting is proposed.

Due to the limited number of fixtures, low mounting heights, warm color temperature, and fully shielded downward orientation, light levels at the site boundaries will be minimal to negligible. Lighting will not adversely impact neighboring properties, night skies, or natural habitats.

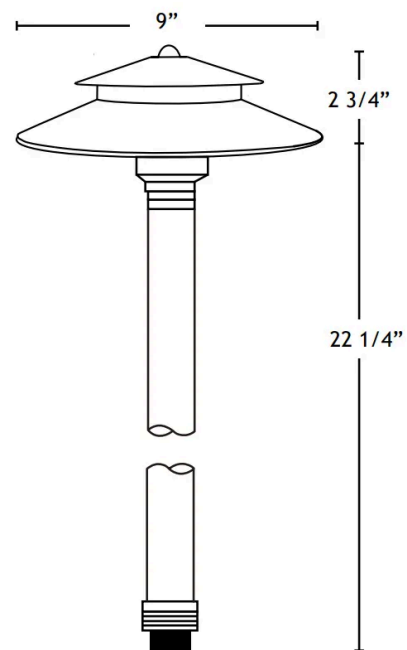
Exterior lighting will be used only as needed during periods of occupancy.

## Pathway Lighting

Low-level pedestrian path lights will be installed along designated gravel walking paths connecting parking areas to individual cabins and common circulation routes. These fixtures are designed exclusively for wayfinding and pedestrian safety.

Path lights are fully shielded and downward-facing, directing illumination only onto the walking surface. Fixtures utilize low-output LED light sources with a warm color temperature (approximately 2200K–2700K) and a maximum effective beam radius of approximately 16 feet per fixture. Lights will be spaced accordingly to provide continuous, low-level illumination without overlap or excessive brightness. Dark Sky Approved/IDA compliant; minimal light trespass.

Path lighting will be limited to walking paths only; no general site, landscape, or perimeter lighting is proposed.



VOLT® Low Voltage Landscape Lighting Stratum 9” Brass Two-Tier Area Light, 300 series

## Cabin-Mounted Lighting

Each cabin will include a single wall-mounted exterior light fixture located adjacent to the entry door. These fixtures are fully shielded and downward-facing and are intended solely to illuminate the immediate doorway area for safe entry and egress.

Cabin-mounted fixtures will use low-output LED bulbs with a warm color temperature (approximately 2200K–2700K) and a maximum output of approximately 300 lumens per fixture. Fixtures are mounted at a low height and oriented to prevent glare, uplight, or light spill beyond the immediate entry area.

