



# Install Intersection Lighting

*Installation of street lamps to illuminate the intersection at night.*



Source: VHB

Intersection lighting improves nighttime visibility of pedestrians.



Source: VHB

Awareness of this intersection among major road drivers is increased by the street lighting.

## Targeted Crash Types

- Right-angle
- Rear-end (major road)
- Rear-end (minor road)
- Pedestrian
- Bicyclist

## Conditions Addressed

- History of nighttime crashes.
- Poor nighttime visibility of the intersection.
- Poor nighttime visibility of crossing pedestrians and/or bicyclists.

## Problems Addressed

- Inadequate visibility of intersection or intersection traffic control devices
- Vehicle conflicts with non-motorists

## Considerations

- Remote areas may be isolated from a power source.
- Especially helpful for intersections near parks, churches, schools, hospitals/clinics, and other facilities associated with nighttime activities.
- Provide adequate lighting for crossing pedestrians; wide streets may require lighting on both sides of the crosswalk.
- Consult local policies or legal code statutes on lighting.

## Industry Standard

*AASHTO Green Book*  
Section 3.6.3: Lighting (General)  
Section 7-52: Lighting (Rural and Urban Arterials)  
Section 9.11.5: Lighting (Intersections)

## Other Resources

[Reducing Late-Night/Early-Morning Intersection Crashes by Providing Lighting, FHWA](#)  
[Lighting and Illumination, PEDSAFE](#)  
[Cost Effective Local Road Safety Planning and Implementation, NACE](#)  
[Intersection Safety: A Manual for Local Rural Road Owners, FHWA](#)

