For a **RESIDENTIAL, AGRICULTURAL OR OPEN SPACE** zoned property within the Dark Sky Overlay: What must I do?

**EXISTING LIGHTING**

1. Direct the lighting downward (if feasible);

2. Turn unnecessary lighting off during dark hours (generally after 10:00 p.m., or when people are no longer present, whichever is later), until sunrise;

3. If there is **essential lighting** (such as lighting used for security or safety purposes), it may remain in use until replaced, including during dark hours;

4. Exempt lighting may remain on (this includes seasonal lights, and lights under 60 lumens);

5. Existing lighting which is prohibited will have to be turned off (e.g. strobes, blinking lights).

**NEW or REPLACED LIGHTING**

1. Be fully-shielded and directed downwards;

2. May not exceed 850 lumens (except for security lighting on motion sensors);

3. May not exceed 3,000 Kelvin (except for security cameras);

4. Maintain light trespass levels (i.e. light that can spill over beyond the property line) as identified in the ordinance;

5. Turn unnecessary lighting off during dark hours (generally after 10:00 p.m., or when people are no longer present, whichever is later), until sunrise;

6. Maintain height allowances as identified in the ordinance;

7. Security lighting with bulb output up to 2,600 lumens is allowed, if on motion sensor (security lighting for agricultural uses need not be on motion sensors).
For a **COMMERCIAL OR INDUSTRIAL** zoned property within the Dark Sky Overlay:

What must I do?

For **EXISTING LIGHTING** which does not conform to standards (From November 1, 2019 until November 1, 2021):

1. Direct the lighting downward (if feasible);

2. Turn unnecessary lighting off during dark hours (generally after 10:00 p.m. or close of business, or when people are no longer present, whichever is later), until sunrise;

3. If there is essential lighting (such as lighting used for security or safety purposes), it may remain in use until replaced, including during dark hours;

4. Exempt lighting may remain on (this includes seasonal lights, and lights under 60 lumens);

5. Existing lighting which is prohibited will have to be turned off (e.g. strobes, blinking lights).

For **EXISTING LIGHTING** which does not conform to standards (AFTER November 1, 2021):

A. All existing non-conforming lighting:
   - Must comply with the General Standards in Section 8109-4.7.4. *(unless approved with a discretionary permit - see B. below)*;
   - Property owners may apply for an extension;
   - During the processing of the extension, essential lighting (such as lighting used for security or safety purposes) may remain in use until replaced, including during dark hours.

B. Existing lighting for commercial and industrial uses approved by a discretionary permit shall be:
   - Conditioned to comply with Section 8109-4.7.4 within a reasonable time period. This condition will be applied when the permit undergoes a minor or major modification.
1. **USE FULLY-SHIELDED FIXTURES, DIRECTED DOWNWARD:**
   Lights at building entrances (e.g., porch lights) may be partially shielded.

2. **LIGHTING COLOR:**
   Maximum 3,000 Kelvin, except lighting for security cameras, which may be a cooler color temperature (e.g. higher than 3,000 Kelvin).

3. **LIGHTING INTENSITY:**
   Maximum 850 lumens, except security lighting (2,600 lumens maximum) and outdoor recreational facility lighting.

4. **LIGHT TRESPASS LEVELS:**
   Limits to ensure minimal spillover beyond the property line are included in See Section 8109-4.7.4(i).

5. **OUTDOOR RECREATIONAL FACILITY LIGHTING:** (for new public and private tennis courts, basketball courts, equestrian arenas, etc.)
   - Lighting levels not to exceed IESNA recommendations (See Section 8109-4.7.4(g)).
   - See **maximum height allowances** for attached and freestanding lighting.

6. **DARK HOURS** *(time when lights must be turned off, unless exempt):*
   From 10:00 p.m., or when people are no longer present, or close of business, whichever is latest, until sunrise.

   *Exception: Essential Lighting can remain on during Dark Hours.*
7. **MAXIMUM HEIGHT ALLOWANCE:**

*When Attached to* –
- Structures = 15 feet maximum
- Fences = no higher than height of fence

*Freestanding* –
- For walkways, driveways, or hardscaping = 2 feet maximum (except commercial and industrial uses)
- All other freestanding = 20 feet maximum, unless specified by permit.

8. **SECURITY LIGHTING:**

- Can be maximum 2,600 lumens.
- If security lighting is more than 850 lumens, must be on motion sensors and timer with maximum 10 minute activation time, during dark hours.
- No motion sensors required for fully-shielded security lighting under 850 lumens, or for security lighting for agricultural uses in AE, OS and RA zones.

- Security lighting is deemed essential lighting and is not subject to dark hours.
- Security lighting used with cameras can be more than 3,000 Kelvin, as required by the system.

9. **NIGHT LIGHTING FOR ENCLOSED TRANSLUCENT OR TRANSPARENT GREENHOUSES:**

New lighting in greenhouses shall use fully- or partially-shielded directional lighting, and blackout screens on roofs and walls, from 10:00 p.m. until sunrise.

10. **GAS STATIONS:**

Canopies shall have recessed lighting, with no additional lighting on columns.