

**EPHRAIM CITY
ORDINANCE ECO 24-04**

LIGHTING COMPLIANCE

WHEREAS, excessive and misdirected outdoor lighting can contribute to light pollution, adversely impacting the natural environment, community well-being, and the ability to view the night sky; and

WHEREAS, reducing light pollution through proper lighting techniques, such as using downward-facing fixtures and limiting the color temperature of lights, can enhance public safety, conserve energy, and protect the health and enjoyment of residents and local wildlife; and

WHEREAS, this ordinance seeks to establish standards that promote Dark Sky education, minimize light trespass, and preserve the aesthetic value of our community's night sky;

NOW THEREFORE, be it ordained by the Council of the Ephraim City, in the State of Utah, as follows:

SECTION 1: **ADOPTION** “10.12.055 Lighting Compliance” of the Ephraim City Municipal Code is hereby *added* as follows:

A D O P T I O N

10.12.055 Lighting Compliance(*Added*)

Lighting Compliance

A. Purpose and Intent

1. The purpose of this ordinance is to regulate outdoor lighting in order to minimize light pollution, reduce glare, and prevent light trespass. This ordinance aims to promote safety, provide Dark Sky education, conserve energy, and protect the night sky for the enjoyment and health of residents and wildlife.

B. Definitions

1. For the purposes of this ordinance, the following definitions shall apply:
2. Light Pollution: Any adverse effect of artificial light, including sky glow, glare, light trespass, and clutter.
3. Light Trespass: Light that falls beyond the property it is intended to illuminate.
4. Kelvin (K): A unit of measurement used to describe the color temperature of a light source.
5. Downward Facing Fixture: A lighting fixture designed to direct light downwards and prevent it from spreading into the sky or onto neighboring

properties

C. General Requirements

1. Lighting Fixtures

- a. All outdoor lighting fixtures must be downward facing and shielded to minimize light pollution and light trespass.
- b. Lighting fixtures shall not cast light into the night sky or onto neighboring properties.
- c. The color temperature of all outdoor lighting fixtures shall not exceed 3,000 Kelvin to ensure the light is warm in color.

2. Residential Lights

- a. Homeowners are encouraged to use night sky-friendly lighting fixtures to further reduce light pollution and protect the night sky.
- b. Lighting shall not trespass onto neighboring properties.

3. Commercial Lighting

- a. Businesses are encouraged to turn off or dim their exterior signs and lighting after 10:00 PM to conserve energy and reduce light pollution.
- b. Exceptions can be made for businesses that operate past 10:00 PM; however, lighting must still adhere to the downward facing and shielded requirement and not exceed the specified color temperature.
- c. Light should not trespass on to neighboring properties.
- d. Parking lot lighting shall not cast into the night sky and should be downward cast.

D. Lighting Design Principles

1. **Useful:** Lighting should provide necessary illumination for safety and functionality.
2. **Targeted:** Light should be directed only where needed, minimizing excess illumination. Light should not trespass onto neighboring properties.
3. **Low Level:** Use the lowest lighting levels necessary to accomplish the task.
4. **Controlled:** Use timers, motion sensors, and other controls to reduce unnecessary lighting.
5. **Warm in Color:** Lighting should be warm in color, not exceeding 3,000 Kelvin.

E. Compliance and Enforcement

1. All new outdoor lighting installations must comply with this ordinance.

SECTION 2: **REPEALER CLAUSE** All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.


SECTION 3: **EFFECTIVE DATE** This Ordinance shall be in full force and effect from October 2, 2024 and after the required approval and publication according to law.

PASSED AND ADOPTED BY THE EPHRAIM CITY COUNCIL OCTOBER 02, 2024.

	AYE	NAY	ABSENT	ABSTAIN
Councilmember Nordfelt	<u> X </u>	<u> </u>	<u> </u>	<u> </u>
Councilmember Parry	<u> </u>	<u> </u>	<u> X </u>	<u> </u>
Councilmember Beal	<u> X </u>	<u> </u>	<u> </u>	<u> </u>
Councilmember Anderson	<u> X </u>	<u> </u>	<u> </u>	<u> </u>
Councilmember Stevens	<u> X </u>	<u> </u>	<u> </u>	<u> </u>

Presiding Officer

Attest



John Scott, Mayor, Ephraim City



Candice Maudsley, Recorder, Ephraim City

