



POLICY TITLE: CCSD Outdoor Lighting Policy

POLICY NUMBER: 2230

Purpose: The purpose of this policy is to guide the Cambria Community Services District (CCSD) Board of Directors and staff in addressing how to minimize the effect on light pollution in Cambria’s atmosphere while considering the safety of the community. This policy only relates to streetlights and lights at other facilities under the CCSD’s jurisdiction. Replacement of existing light sources shall be addressed based on budgetary constraints.

Policy Principles:

1. Necessary Outdoor lighting
 - a. Should only be used when and where needed
 - b. Should be no brighter than necessary for safety
 - c. Should minimize blue light emissions
 - d. Should adopt fully shielded light sources
2. Lighting shall avoid or mitigate:
 - a. Glare—bright lighting that creates visual discomfort
 - b. Skyglow—lighting that brightens the night sky
 - c. Light Trespass—light extending where it is not intended or needed (see figures 1 and 2)
 - d. Clutter—excessively bright and often confusing groupings of light sources
3. Lighting shall:
 - a. Provide illumination for nighttime safety, utility and security
 - b. Conform to current applicable ordinances
 - c. Reduce District expenses through the use of energy efficient
 - d. Reduce carbon that contributes to greenhouse gas emissions
 - e. Protect the health, safety and welfare of residents and visitors
 - f. Minimize adverse impacts on the nocturnal wildlife, environment and ecosystems while preserving Cambria’s rural village character
4. Benefits when properly designed and installed park friendly outdoor lighting is utilized:
 - a. Improved energy efficiency which reduces Cambria’s carbon footprint
 - b. Preservation of night skies and enhancement of rural character
 - c. Provision for basic human safety and enhancement of human health
 - d. Enhancement of historic authenticity and reduction of operational and cyclic maintenance costs
 - e. Minimalizing impacts to wildlife and visitors
 - f. Provision of opportunities for economic development through astronomy-based tourism

Figure 1: Floodlight at a higher mounting height with narrow beam angle, resulting in less spill light.

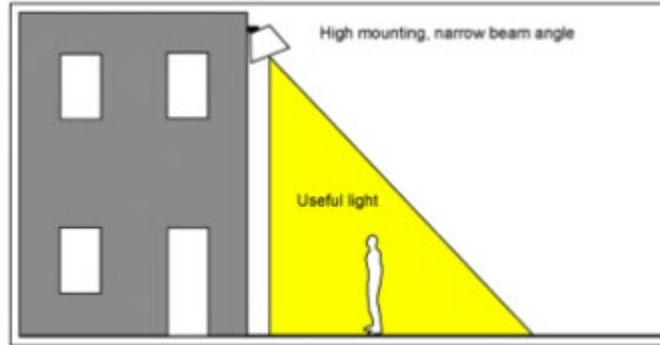
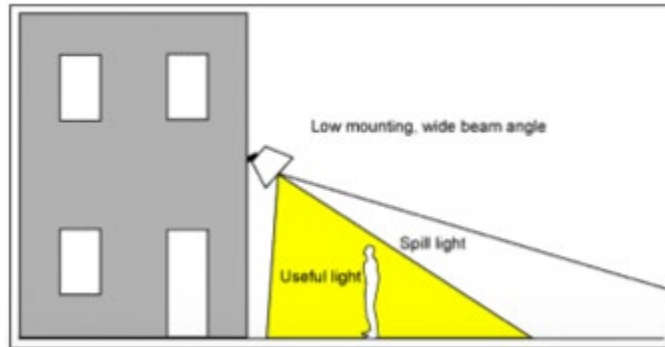


Figure 2: Floodlight at a lower mounting height with wider beam angle, resulting in more spill light.



Policy Procedures:

1. New and replacement lamps shall be equal to or less than 2400K (Kelvin).
2. Existing East Village lantern style streetlights shall be replaced with 2200K LED lamps to avoid glare and coordinate with existing high pressure sodium luminaires so a maximum correlated color temperature (CCT) of 2400K.
3. No night lighting is allowed on the Fiscalini Ranch Preserve. Sky tubes shall be used for lighting building interiors which provide more light than a 100 watt luminaire.
4. Uplighting is prohibited.