



Enforcement Policy Discussion for General Service Lamps (GSLs) for Airport Runways

April 20, 2023

Background

- DOE published two final rules relating to general service lamps (GSLs) on May 9, 2022:
 1. Adopting an expanded definition of GSLs
 2. Implementing the Congressional Efficacy Sales Prohibition
- The GSL definitions rule took effect 60 days after publication in the Federal Register (July 8, 2022).
- The GSL backstop rule took effect 75 days after publication in the Federal Register (July 25, 2022).
- On April 26, 2022, DOE issued an enforcement policy applicable to all GSLs to aid in the transition, which can be found at the following website:
https://www.energy.gov/sites/default/files/2022-04/GSL_EnforcementPolicy_4_25_22.pdf

GSLs for Airport Runways – Scope

- DOE has identified certain GSLs that are directional PAR-shaped lamps used on airport runways if they meet the following criteria:
 - have a first number symbol equal to 38 (diameter equal to 4.75 inches);
 - have an E26 base;
 - have a power factor equal to or greater than 0.9;
 - have a beam pattern that is circular in shape (outer bounds of the main-beam pattern of ± 8 degrees); and
 - are labeled for use in Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR).
- These specialty lamps require orders to specification and support airport safety by helping pilots align the aircraft with the centerline of the runway during approach on an instrument landing.
- A PAR-shaped lamp having a first number symbol 56 (diameter equal to 7 inches) was also identified as used in airport runways. This lamp is not a GSL as it has lumens greater than 3,300.

GSLs for Airport Runways – Enforcement Policy

- In addition to the enforcement policy for all GSLs, on May 2, 2022, DOE issued an enforcement policy for these specific GSLs for airport runways to prevent disruption to airport runway operations.
- The incandescent and halogen versions of these lamps will not be able to meet the GSL backstop requirement. Although these lamps are transitioning to LED equivalents, it may take longer than 75 days for those replacements to reach small airports serving local areas.

Enforcement Policy

- Following the effective date of the backstop rule, DOE will be able to offer leniency up to, and including, limited delayed enforcement for these lamp types. DOE reserves its discretion, however, to take enforcement action for egregious situations or as circumstances dictate.
- Here is a link to DOE's enforcement policy for airport runways:
https://www.energy.gov/sites/default/files/2022-05/GSL_Enforcement_Policy_AirportRunwayLamps.pdf