LTLS

# DARK-SKY

ENGINEERED

# Aim with precision. Control the glare. Respect the night.

## Light Where It Belongs

Outdoor lighting should enhance the nighttime environment without overwhelming it. Poorly controlled light can create uncomfortable glare, unwanted light spill, and unnecessary light pollution.

At Lifetime Lighting Systems (LTLS), responsible lighting begins with engineering. Rather than relying solely on fixture placement or a fixed beam direction, LTLS incorporates multiple levels of mechanical and optical control to help designers and installers direct, shield, and refine illumination for its intended application. The result is greater control over where light travels, what it illuminates, and how it is experienced.

### Engineered for Precision Light Control

LTLS integrates several systems that work together to provide greater control over light distribution and visual comfort. Together, these features allow installers to refine both fixture positioning and the quality of light.

- **Rotational Hex Louver**: Provides 360° rotational adjustment to help suppress unwanted glare and refine directional light cutoff.
- **True Aim Knuckle**: Offers 360° horizontal rotation and 180° vertical tilt, allowing precise fixture positioning and secure aiming.
- **Rotational Shrouds**: Independently adjustable shrouds help block direct light from unwanted viewing angles and reduce spill.
- **Adjustable Lamp Positioning**: Allows lamp depth to be modified within compatible fixtures, helping control source visibility and glare.
- **Optical Accessories & Blinders**: Provide additional shielding and directional control for specific lighting applications.

### Supporting Responsible Nighttime Lighting

The LTLS DARK-SKY ENGINEERED philosophy emphasizes four principles that complement the effort to reduce light pollution while preserving the safety, visibility, and visual character of outdoor spaces.

1. **Precision Aiming**: Direct illumination toward its intended target.
2. **Glare Suppression**: Reduce unnecessary visibility of the light source.
3. **Controlled Light Distribution**: Limit unwanted spill and excessive illumination beyond the intended area.
4. **Application Flexibility**: Support responsible lighting practices across compatible uplighting, downlighting, accent, and architectural applications.

### The LTLS DARK-SKY ENGINEERED Designation

The DARK-SKY ENGINEERED stamp identifies LTLS lighting products and configurations designed with applicable precision-aiming, shielding, and optical-control technologies that support responsible outdoor illumination. This is a manufacturer-defined engineering designation given by L.I.T.E.