



King Luminaire: Dark-Sky Friendly™ Fixtures

Dark-Sky Friendly Fixtures

To address the growing concern of light pollution into the night sky, King Luminaire has introduced a line of dark-sky friendly fixtures. Dark-sky friendly luminaires provide little or no uplight for minimal direct contribution to sky glow. In addition, the low glare and absence of hot-spots results in better visibility, which in-turn results in better security. These attributes are achieved through a luminaire with one of two cutoff systems. King's cutoff fixtures do not exceed a 2.5% light distribution when at a 90° angle above nadir. Our full cutoff fixtures have zero uplight when also positioned at a 90° angle. In addition to being dark-sky friendly, these fixtures are also designed around the three King criteria: excellent photometric performance, ease of maintenance, and design integrity. All King fixtures come with a 5-year warranty.

K827 Mission Sr. Flat Lens



K729 Aurora Sag Lens



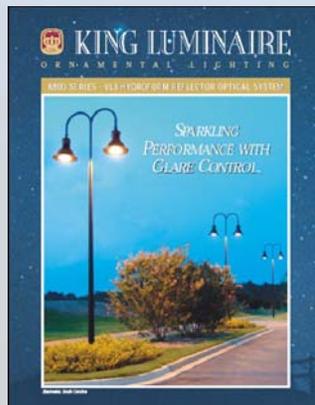
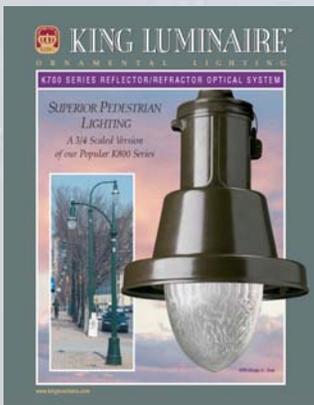
K705 Chicago Sag Lens



K820 Midland Sr. Sag Lens



Approval Criteria: International Dark-Sky Association
King Luminaire's full-cutoff fixtures have been approved by the International DarkSky Association. The IDA's "Fixture Seal of Approval Program" provides third-party certification of luminaires which do not pollute the night sky. To determine which fixtures are approved the IDA analyzes the Upward Light Output Ratio (ULOR) of a luminaire to determine how much upward flux the fixture produces. This is completed through photometric analysis and state-of-the-art software at the IDA headquarters in Arizona. Once a fixture meets the rigorous standards of the IDA, they can advertise their products as being IDA approved with the following logo.



King Luminaire's 30 IDA approved fixtures include the sag and flat lens luminaires of the K700 and K800 series. For more information about these fixtures, please visit our website at www.kingluminaire.com or brochures can be requested by contacting your local sales rep.