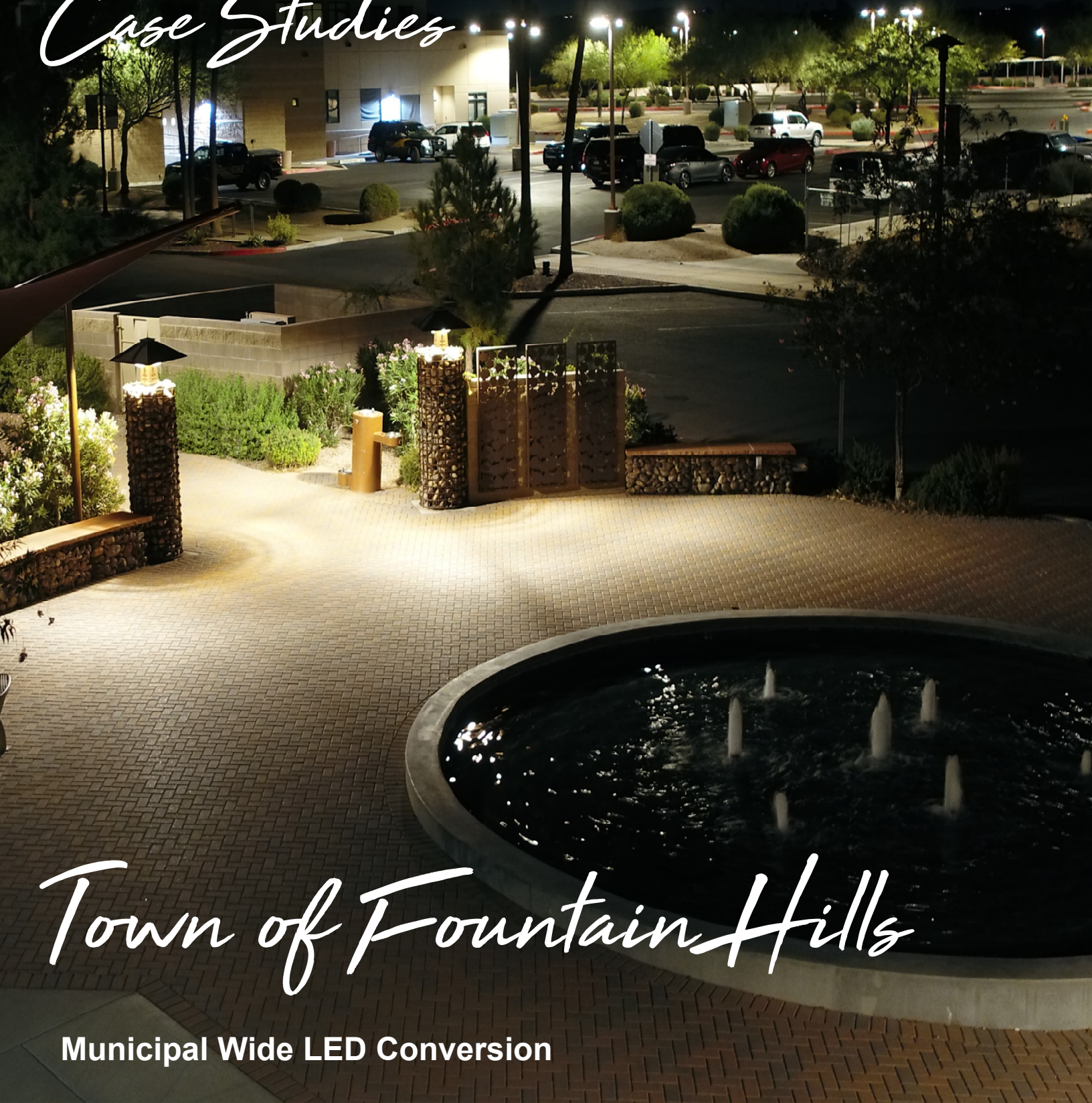




Case Studies



Town of Fountain Hills

Municipal Wide LED Conversion

Dark Sky Champions

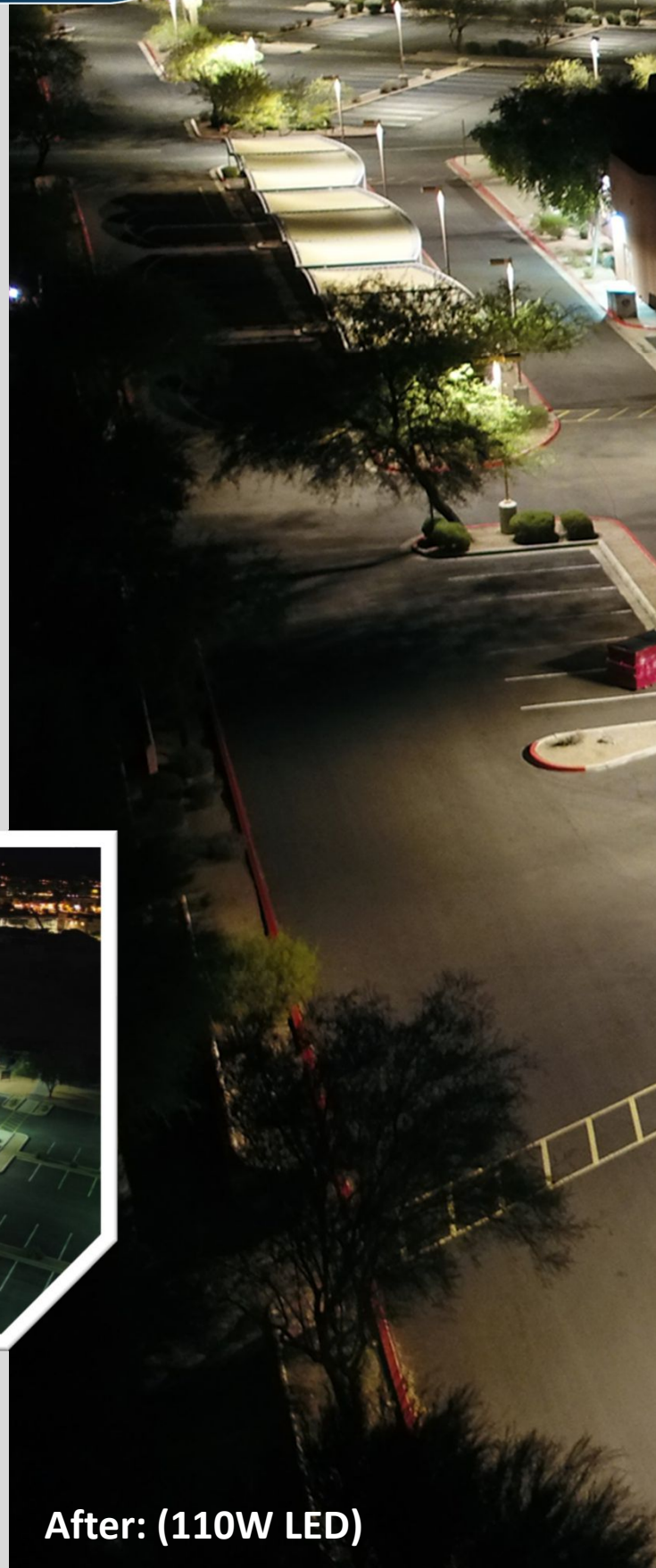
See The Stars

- The Town of Fountain Hills wanted to achieve the designation of a “Dark Sky Friendly Community” by the International Dark Sky Association (IDA). In order to do this, the town had to perform an upgrade to existing outdoor light fixtures to comply with IDA requirements. To accomplish this, PLG performed a Town wide audit and photometric design that met these requirements.
- The Project had a very short duration for completion. PLG completed design, procurement, construction, and commissioning for the entire project in **2 months.**

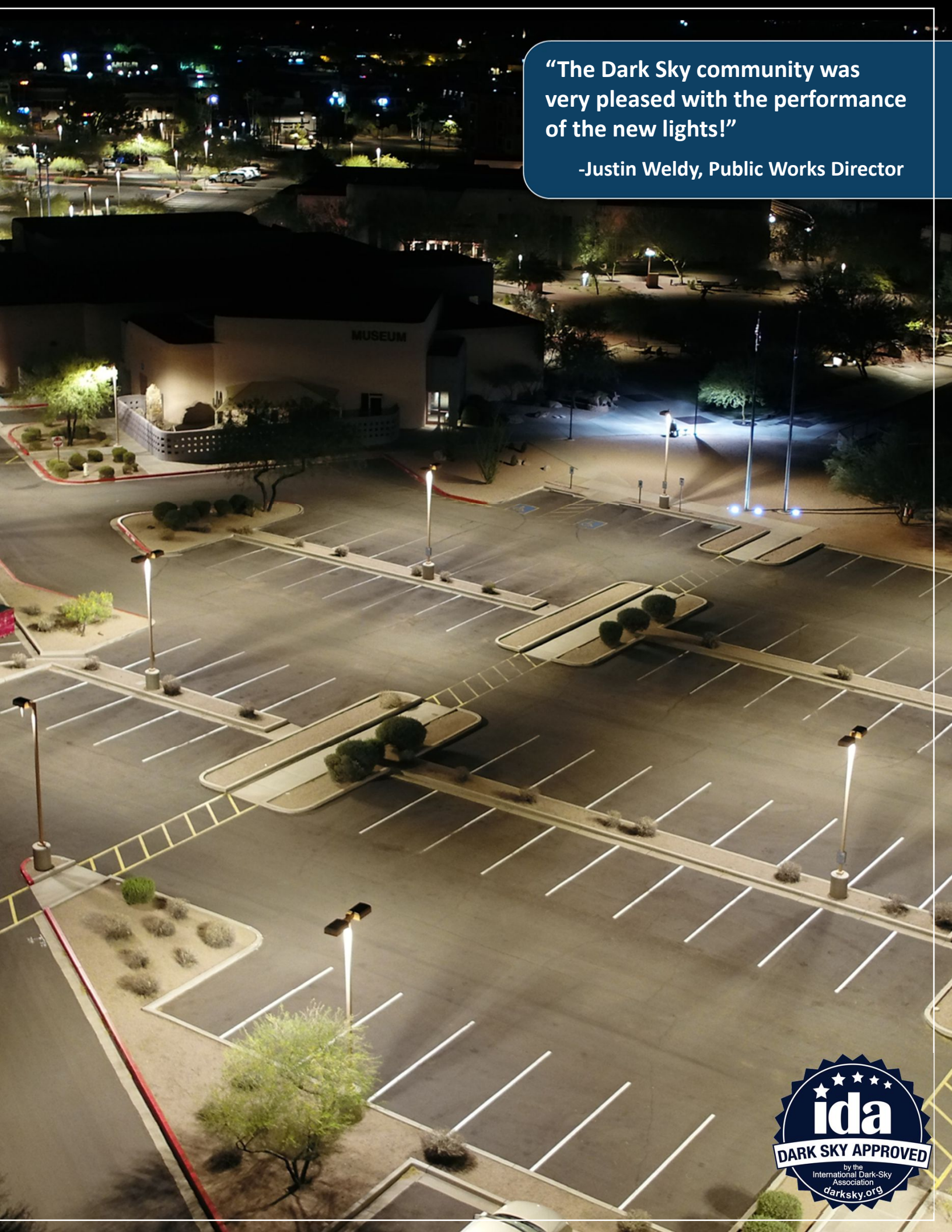


Before: (175W MH)

- In January of 2018, the Town of Fountain Hills was granted the designation of a Dark Sky Friendly Community by the IDA.



After: (110W LED)

An aerial night photograph of a large, empty parking lot adjacent to a museum. The parking lot is illuminated by several tall, modern light poles with dual-lumen fixtures. The museum building, with "MUSEUM" written on its facade, is visible in the upper left. The surrounding area includes some landscaping with small trees and shrubs. In the background, other city lights are visible under a dark sky.

**"The Dark Sky community was
very pleased with the performance
of the new lights!"**

-Justin Weldy, Public Works Director





PLGLED.com

By The Numbers:

Total Light Fixtures: 450
Project Duration: 2 Months
Utility Rebates: \$9400.00
Color Temperature: 2700K
Color Rendering Index: 80
Warranty: 5 year