

HIGHLAND PARK, ILLINOIS, UNITED STATES • 2020

# Highland Park: smart lighting on Chicago's North Shore

Residents near Highland Park's outdoor arena had raised safety concerns about inadequate lighting in the surrounding commercial district. The City converted 130 fixtures to LED with Dimonoff RME nodes and Dimonoff | SCMS, in what it describes as the first smart lighting project on Chicago's North Shore.

---

## PUBLISHED OUTCOMES

# 130

HPS FIXTURES CONVERTED TO LED WITH RME WIRELESS NODES ➔ (<https://www.dimonoff.com/resources/case-studies/highland-park-chicago/>)

## The situation

Residents near an outdoor arena in Highland Park had raised concerns about inadequate lighting in the surrounding commercial district, the kind of complaint that is hard to fix with a spot repair because the real problem is coverage and consistency, not one broken fixture.

# What was deployed

The City converted 130 high-pressure sodium fixtures to LED, each fitted with a Dimonoff RME wireless smart lighting node and managed through Dimonoff | SCMS. Smart nodes were also installed on floodlight poles illuminating a neighbourhood monument, extending the same remote control to a second, unrelated lighting need on the same platform. With customizable dimming scenarios available across residential areas, the City reports that businesses have responded: two bars opened in the commercial area since the project started.

# Why it matters for your network

Highland Park is the commercial-district-safety case: a project that started from a resident safety complaint rather than an energy-cost mandate, and where the proof that matters is businesses opening, not a percentage on a utility bill. If your project’s real driver is public confidence in a specific district, a targeted conversion with room to extend to nearby fixtures, like the monument floodlights here, is the pattern to follow.

## DEPLOYMENT

|            |                                                                                      |
|------------|--------------------------------------------------------------------------------------|
| Node       | RME smart wireless lighting nodes                                                    |
| Platform   | Dimonoff   SCMS                                                                      |
| Additional | Smart nodes also installed on floodlight poles illuminating a neighbourhood monument |

Control

Customizable dimming scenarios across  
residential areas

---

#### SOURCES

- Dimonoff – Smart Lighting Control and Energy Savings at Highland Park, IL (<https://www.dimonoff.com/resources/case-studies/highland-park-chicago/>)