



OVERVIEW

Defond was approached with an application in need of seamless color mixing suitable for both indoor and outdoor use.

CHALLENGES

- Size constraints
- Continuous lighting effect
- Need for broad color range
- Input of 24V DC

SERVICES PERFORMED

- EMS-PCBA design
- Optics and light distribution
- In-house spectroradiometric light and optic testing

RESULTS

- Met IP67 rating
- Produced a light strip complete with a built-in DMX decoder for individual controls of color and intensity
- A wide beam angle of 120°/180° ensures uninterrupted end-to-end continuous lighting effect