Nighttime Design

Envisioning
Smart, Connected Streets
Luminous Cities
• Improve the quality of urban life for families and individuals during evening and night-time hours by creating public spaces that are inviting, interactive, comfortable and safe for a diversity of age groups, economic background, ethnicity, and interests.

• Improve legibility of public features and nighttime landscape with lighting fixtures and methods that are evocative of park illumination.

• Celebrate the neighborhood's cultural characteristics. Enjoin stakeholder involvement through participatory programs.

• Promote public spaces as neighborhood connectors through the use of recognizable lighting features of which locals can be proud.

Why nighttime design?

- Public Health
- Economic vitality
- Welcome (safety)
Interdisciplinary teams

- Engineers
- Social Researchers/Economists
- Architects/Landscape Architects
- Urban Designers/Planners
- Lighting Designers
- Design

ARUP
Nighttime Design:

Tools

1. Conduct Agile Nighttime Design Envisioning Workshop
2. Review Shades of Night Analysis
3. Engage SPeAR Sustainable Routine with decision-makers
4. Commence Lighting Masterplan or Strategy

Outcomes

1. Build and Conduct Pilot Installations
2. Identify Interdisciplinary Design Projects
Nighttime Design: Envisioning the Future

Quantitative research

Qualitative research

Adaptable lighting

Community control + technology + quality night-time design create welcoming after-dark public spaces
Nighttime Design: **Shades of Night Analysis**

Light will follow the activities of city districts at night: from safety to celebration with application of smart lighting and community input.

Dusk  After-work Activity  After-dark Recreation  Night Shift  After Hours  Early Risers  Dawn
SPEAR For Nighttime Design: Align stakeholders on sustainable nighttime design objectives

Example Indicators:
- Social vibrancy
- Retail
- Operation and maintenance

- Conducted pre-design
- Re-evaluate mid-design for course corrections
- Post design evaluation
Stylish, Intimate, Refreshing

This Strategy and Plan makes recommendations for how future lighting projects are to be developed and delivered to create a cohesive night-time experience within the Double Bay precinct. It provides guidelines for new lighting infrastructure projects and strategies that will enhance visitor experiences and support creativity in the community. To achieve this, both functional and creative lighting overlays have been developed; these are to be the basis of future lighting projects. In compiling this document a number of sites within the precinct have been identified as pilot projects, and some priorities have also been targeted for consideration of more immediate lighting interventions.
Smart Everyday Nighttime Design in Cartagena (Diseño Nocturno)

A Prototype Pilot

Julio 13 2016
A universal lantern “localized” with a kit of parts
Diseño Nocturno Workshop  July 2016

The lighting lesson...
Diseño Nocturno Workshop  July 2016

The results