

# Perfection

LIGHTING SOLUTIONS FOR THE AUTOMOTIVE INDUSTRY



INSPECTION



BOOTH



TASK



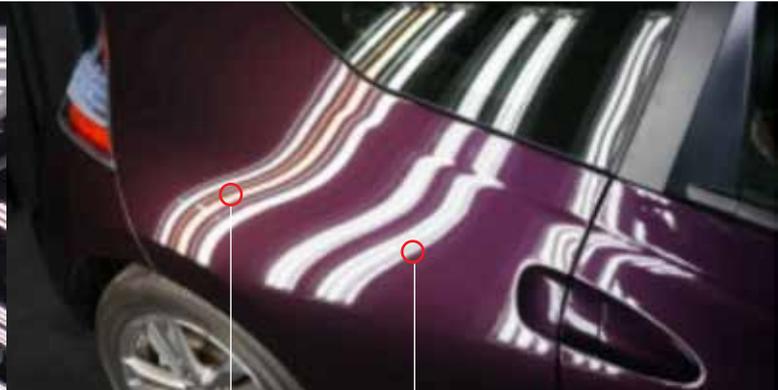
STORAGE



Bright Ideas. Innovative Solutions.

# Inspection Lighting

LDPI is a leading manufacturer and supplier of inspection lighting solutions to the automotive industry. From traditional fluorescent to our latest LED designs, we have worked closely with all major automotive companies to develop unique solutions for their visual inspection requirements.



Pit

Dent

*Our inspection lights provide the contrast necessary on the surface to visually detect surface imperfections.*

Inspection lighting is rarely “off the shelf”. Our engineers will tailor a solution that will mechanically, electrically and optically fit your application, using custom optics, lenses and color/lumen combinations. Using light calculations, our fixtures can be accurately aimed and sized to reduce energy and wasted light.

## FEATURES

### LED Lighting

- 2', 4', 6' & 8' fixture lengths
- 1, 2 or 3 row fixture options
- Step, 0-10 volt or DALI dimming options
- CCT changing capabilities (3500k -6700k)
- Lumen packages from 1000 – 12500 lumens
-  Zhaga compliant LED modules
- Custom Optics and Lenses
- LEDs rated up to 100,000 hrs

### Fluorescent Lighting

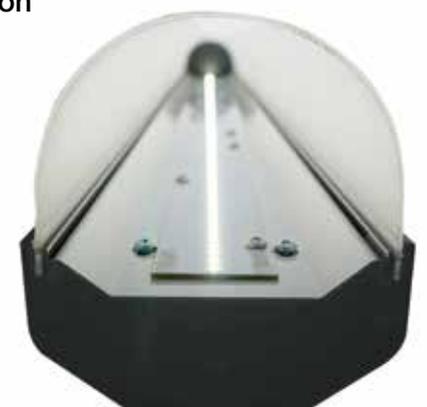
- 4' & 8' fixture lengths
- 1, 2 & 3 lamp fixture
- T8 lamping option



INS 2



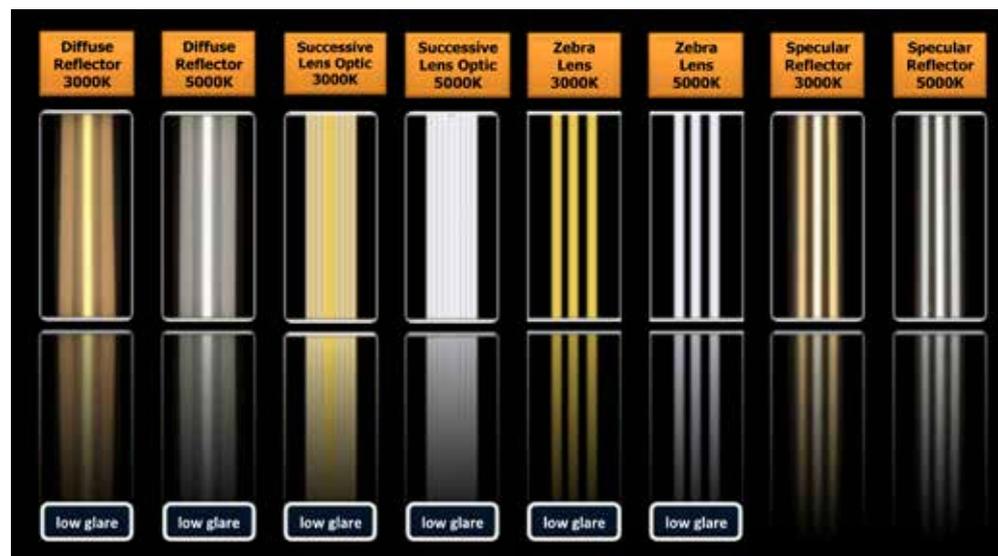
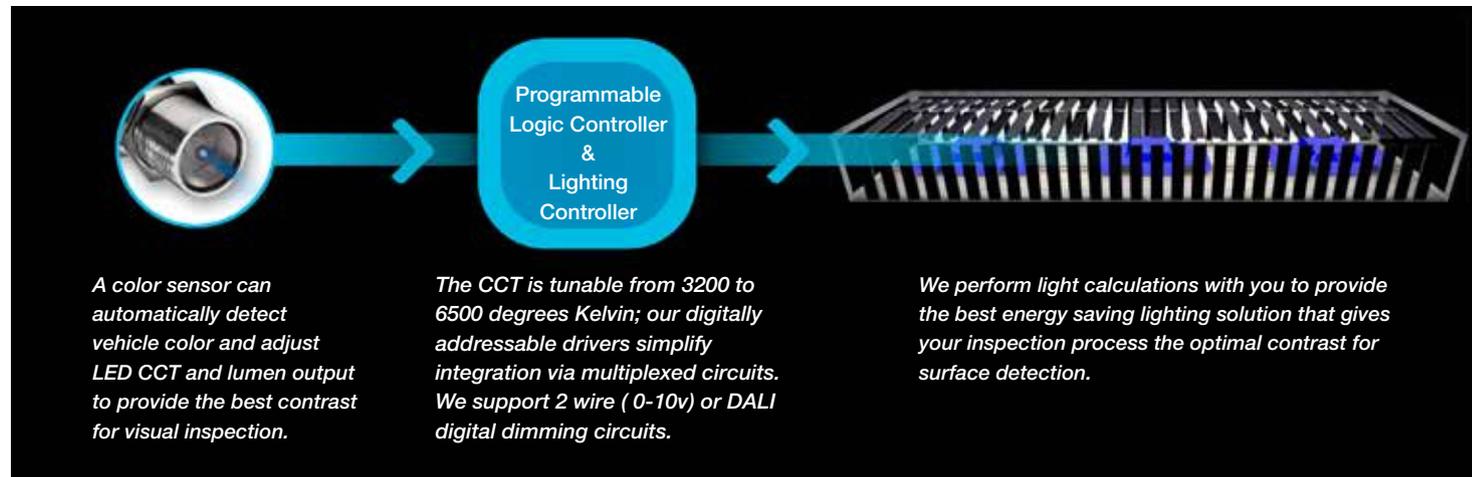
LEINS 2



LEINS 2  
CLOSEUP

# Controls

Inspection lighting uses contrast provided by a projected image to improve the visual ability to detect surface imperfections. We can also change the Correlated Color Temperature (CCT) of the LED light source to provide an even greater contrast for white or light colored vehicles to optimize the visual ability to detect imperfections.



## FEATURES

- Color tuning / CCT
- Adjustable light levels
- Extruded aluminum housings for thermal management
- Lens and reflector options
- Multiple row LED options
- Energy efficient

*We offer numerous lens and reflector options from specular reflectors to successive lens optics to produce the correct amount of surface finish glare to detect imperfections.*



LEINS 3 - 2 ROW



# Booth Lighting

We designed our first paint booth lighting system in 1981 and have become a trusted advisor and supplier to paint booth and automotive manufacturers, vehicle repair and custom shops worldwide. Our products can be seen in any industry where paint is applied to a product.



## HAZARDOUS LISTED FOR INSIDE BOOTH



LE280  
Front Access

## NON-HAZARDOUS LISTED FOR OUTSIDE BOOTH



LE151  
Rear Access

*Hazardous listed for inside booth. Non-Hazardous listed for outside booth locations.*

Our experienced engineers can perform light calculations to determine optimal lighting requirements and help you select from a wide range of advanced LED and traditional fluorescent systems for in-booth or back-mount installations.

LDPI can customize any fixture to accommodate new or existing paint booth applications.

*Our LE151 LED light fixtures feature easy lens adjustment to optimize lighting in your unique work space.*



## FEATURES

### LED Lighting

- Non-Hazardous listed, rear access
  - 2', 3', 4', 5' & 6' fixture lengths
  - 2, 3 & 4 row fixture options
  - 0-10 volt or DALI dimming options
  - Adjustable LED modules to direct the light
  - CCT changing capabilities
- Hazardous Listed, Inside & Rear Access
  - 4' & 8' fixture lengths

### Fluorescent Lighting

- Non-Hazardous listed, rear access
  - 4' & 8' fixture lengths
  - 2, 3, 4, 5, & 6 lamp options
  - T8, T8HO, T8HLO & T5HO lamp options
- Hazardous Listed, Inside and Rear Access
  - 2', 4' & 8' fixture lengths
  - 2, 4 & 6 lamp options
  - T8, T8HO, T8HLO & T5HO lamp options

*LDPI can customize any fixture to accommodate new or existing paint booth applications.*

# Task - Deck Lighting



At LDPI, we specialize in illuminating work areas with both operating costs and employee performance in mind. We can help you select energy-efficient, optimal lighting for the task at hand that improves quality control, reduces glare, prevents eye fatigue and avoids drastic lighting changes that might have a detrimental effect on performance.



LE101

*Energy efficient, controllable, dimming options, lumen output and color CCT packages.*

## FEATURES

### LED Lighting

- 4' & 8' fixture lengths
- 1, 2 & 3 row fixture options
- 0-10 volt or DALI dimming options
- CCT changing capabilities

### Fluorescent Lighting

- 4' & 8' fixture lengths
- 1, 2, 3 & 4 row fixture options
- T8, T8HO, T8HLO & T5HO lamp options



# Storage Lighting

We manufacture fixtures that are listed to Class I Division 1, 2, Class II Division 1, 2 and Class III requirements. We are explosion proof lighting experts and offer lighting systems for paint and powder storage areas as well as mixing and preparation rooms.



## FEATURES

### LED Lighting

- 4' fixture lengths
- 2, 3 & 4 row fixture options

### Fluorescent Lighting

- 2' & 4' fixture lengths
- 2, 3 & 4 row fixture options
- T8, T8HO, T5HLO & T5HO lamp options

# Wash / Prep Lighting

We understand moisture. We manufacture LED and fluorescent fixtures that are capable of safely illuminating areas where moisture or water spray is present. Our Wet/Damp fixtures are listed and certified by UL.



LE201



LE202

## FEATURES

### LED Lighting

- 4', 8' fixture lengths
- CCT options

### Fluorescent Lighting

- 2', 4', 8' fixture lengths
- T8, T8HO, T5HLO & T5HO lamp options

# General Lighting

From industrial grade high bay LED products to mid-height linear fluorescent fixtures, LDPI can illuminate the general area of your industrial or warehouse space.

## FEATURES

- Open or Closed Fixtures
- LED or Fluorescent
- Energy Efficient
- Controllable



LE121



LEHB

# Plank Enterprises Overview

LDPI is owned by Plank Enterprises, Inc., a family of businesses that design, manufacture and distribute specialized industrial and commercial equipment and products for customers and industries around the world. Family owned and operated from its inception, we listen and respond to our customers' needs and have multifaceted capabilities to offer a unique custom solution for their applications. For more information, visit [www.plankenterprises.com](http://www.plankenterprises.com)

The image features a world map with a large blue 'P' logo in the center, containing a globe. Below the 'P' is the text 'PLANK ENTERPRISES, Inc.' and the tagline 'A Family of Companies. A World of Customers.' A horizontal red line separates this header from the logos of four companies: LDPI (Industrial Lighting), LPI (Lift Systems), Pro-Cise (Fabrication & Machining Solutions), and Badger Industrial (Supply and Equipment). Each company logo is accompanied by its name and website address.

**LDPI**  
INDUSTRIAL LIGHTING  
LDPI, Inc.  
Industrial Lighting  
[www.ldpi-inc.com](http://www.ldpi-inc.com)

**LPI**  
LIFT SYSTEMS  
LPI, Inc.  
Lift Systems  
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**PRO-CISE**  
Fabrication & Machining Solutions  
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**Badger Industrial**  
Supply and Equipment  
Badger Industrial  
Supply and Equipment, LLC  
[www.badgerie.com](http://www.badgerie.com)



1-800-854-0021 • [ldpi-inc.com](http://ldpi-inc.com)

# Our Story

LDPI, Inc. first began manufacturing lighting fixtures in 1981 with a primary focus on the paint finishing industry; our customers were OEM paint booth manufacturers, system engineering firms, and automotive manufacturing facilities. The Vision of LDPI in 1981 was to manufacture quality lighting products for the paint finishing industry. Since 1981, we have diversified our product portfolio to include an extensive line of fixtures for paint finishing, surface inspection, task/assembly, hazardous location, explosion proof, and marine applications. Our product line has expanded from just one fixture model in 1981 to over 1,000 different product configurations today. While our product offering has grown over the years, we have remained committed to our roots in the paint, inspection, and task/assembly areas. Today, 75% of our research and development activity is focused on these three applications as we are committed to offering the best possible solution to our customers.



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Bright Ideas. Innovative Solutions.