

livin' in a new light

Street / Industrial / Tunnel LED lighting





DETAS
DLEDS

In the heart of the light

more than **100 unique optics**, internally developed,
are the key to the success of our products.

An unmatched offer, directly from our experience
on world's roads.

A powerful instrument in your hands.

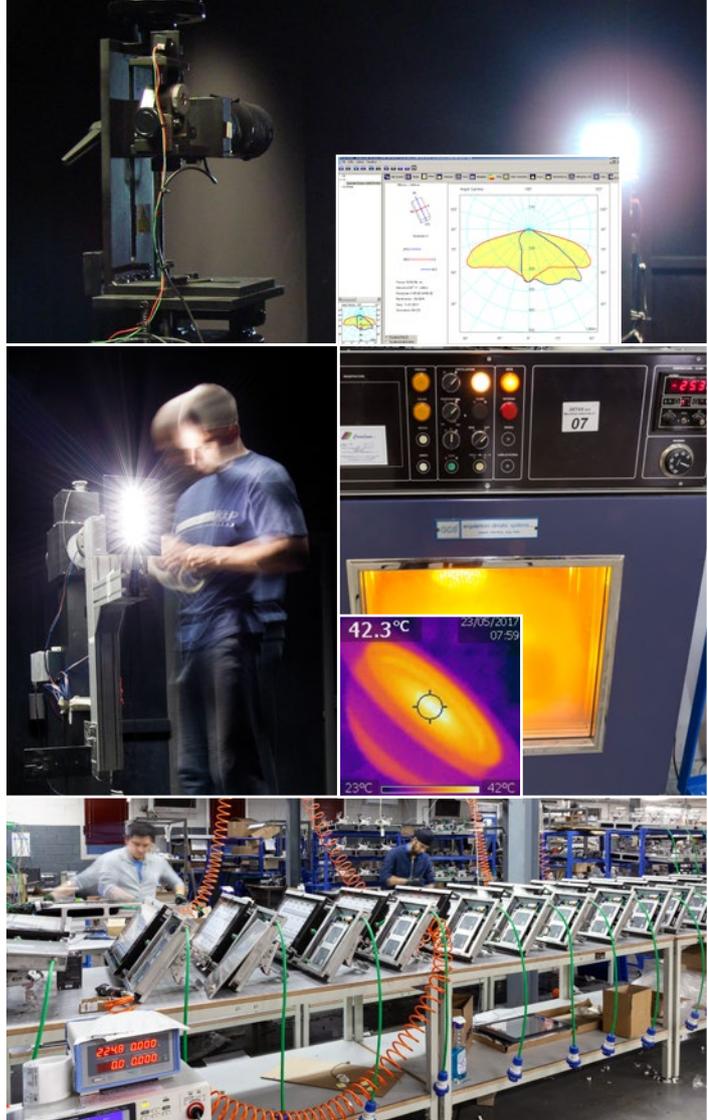
DETAS SpA

The Detas group relies on the experience passed down from generation to generation **since 1896** when in Pola (Istria), the first company was founded, manufacturing electrical components and systems.

As the years passed, the production of power supplies started and Detas specialized in **industrial automation**, a branch still active and growing today.

In 1998 the **D-POWER** division was founded, active in the **road safety** field and pioneer in developing **LED signaling devices**. D-POWER is nowadays an European reference in its market thanks to continuing product innovation, patented optics, certified flashers and a range of well-known quality.

In 2008 we extended the road safety mission to **lighting of tunnels, canopies and streets** with the **DLEDS division**. The cross experience between power supplies-LEDs-optics allowed us to offer since the beginning high performing and reliable products. As the years passed, we extended the range of products to **industrial, urban lighting** and luminaires designed to meet specific functional lighting needs.



DLEDS is a synonym of
quality and **reliability** for
our customers.

Our experience and
references are a guarantee
of **success** in all our
application fields:

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FEATURES

More than 20 proprietary optics allow:

- Unmatched energy savings, achieved by focusing the light only where needed.
- Comfortable light for road users (high lighting uniformity level and full control of the debilitating glare).
- Design flexibility.

Quality of the mechanical assembly:

- **Supercast®** corrosion free aluminum alloy die cast body
- IP66 rating for the complete fixtures.
- Tempered glass protecting LEDs and optics.
- IK08 and wind resistance tests.

- **10kV standard surge protection device.**
- **ENEC and Photobiological risk exempt certified.**

Control systems available: 1-10V / DALI, Virtual midnight, remote wireless control, photocell/motion sensor, power-line communication, lineswitch.



FIXTURES

from 9 to 180 W

- Talos (M, N, G)

Used for:

- Streetlighting (from small local roads to major highways and intersections).
- Parking lots and general outdoor area lighting.
- Industrial outdoor perimeter lighting.



 **DETA S**
DLEDS

FEATURES

- Illuminates with a super concentrated light beam the crossing and the waiting areas on the pavement (horizontal plane).
- Thanks to the Dleds double asymmetric optics, lights perfectly the body of the pedestrian (vertical plane).
- Signals the presence of a crosswalk from distance to drivers, alerting them of a possible dangerous condition.

Also available:

APL Smart – interactive crosswalk system activated by push button or motion sensor.

In standby mode, the lights are dimmed to 40% power.

When a pedestrian activates the system, the lights go to full power and the flashers start to operate.

Visit **www.ledpedestriancrossing.com** for an updated product catalog.



FIXTURES

from 68 to 137 W:

- Talos (N, G)
- Trilogy N
- 60x60 o 90x90 LED backlit crosswalk sign
- LEDBox flashers



Before / After



FEATURES

Unique combination between modern/classic style and performing streetlighting optics.

- Full cutoff light beams, dark sky friendly.
- Anti-glare frosted glasses available for low mounting heights.

Improved Color Rendering Index (CRI) and quality of the light.

- Improved safety and visibility on the streets.
- **10kV standard surge protection device.**
- **Photobiological risk exempt certified.**

Control systems available:

1-10V / DALI, virtual midnight, power-line communication, lineswitch.



FIXTURES

from 19 to 79 W:

- Quincy (3, 4)
- City 2
- Kor 2
- Avalon

Used for:

- Lighting and streetlighting of town centers.
- Public green areas.
- Decorative and architectural lighting.



FEATURES

More than 20 proprietary optics allow:

- Unmatched energy savings, achieved by focusing the light only where needed.
- Highest lighting uniformity on the ground, improving the overall safety of the lot in areas with high pedestrian/vehicles conflict.
- Improves the appeal of the business and renovates the look.
- Design flexibility.

Quality of the mechanical assembly:

- Robust and durable assembly over time.
- IP65/66 rating for the complete fixtures .
- Tempered glass protecting LEDs and optics
- IK08 and wind resistance tests.

- **10kV standard surge protection device.**
- **ENEC, NRTL and Photobiological risk exempt certified.**

Control systems available:

1-10V / DALI, Virtual midnight, Remote wireless control, Photocell/motion sensor, Power-line communication, Lineswitch.



FIXTURES

from 13 to 180 W:

- Talos (M, N, G)
- Argus

Used for:

- Parking lots lighting.
- Outdoor area and commercial lighting.
- Floodlighting.
- Industrial outdoor perimeter lighting.



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FEATURES

The most cost-effective solutions, optimized during years of experience.

Dedicated optics provide the state-of-the-art lighting for tunnels:

- Allow reaching high uniformity levels.
- Very low glare.

Quality of the mechanical assembly:

- Designed to withstand the very corrosive tunnel environment in all its parts.
- IP66 rating for the complete fixtures.
- Tempered glass protecting LEDs and optics.
- **10kV standard surge protection device.**
- **Photobiological risk exempt certified.**

Control systems available:

1-10V / DALI, Remote wireless control, Power-line communication, Luminance sensor.



STEEL_line

FIXTURES

from 29 to 370 W:

- Radiant (8, 8L, 8XL, 2A)

Used for:

- Tunnel lighting, from small underpasses to highway/motorway high speed tunnels.

TUNNELS

15



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FEATURES

Proprietary optics:

- The light is precisely focused towards the area of interest, even at very tall mounting heights (35m), thanks to a choice of narrow optics.
- Highest project efficiency, no light pollution towards the sky and adjoining properties.
-

Mechanical assembly:

- Variety of mounting/wiring possibilities to accommodate your project needs.
- IP66 rating for the complete fixtures.
- Tempered glass protecting LEDs and optics.
- **10kV standard surge protection device.**

Control systems available:

Virtual midnight / AstroDim, 1-10V / DALI, Wireless control, Lineswitch / StepDim.

FIXTURES

from 118 to 908 W:

- Radiant (2x2, 9)
- Maya 9 (C, D)
- Talos G

Used for:

- High-masts for street and area lighting.
- Light towers.
- Sports lighting.

TAMOIL

Benvenuti

Servizio Gomm

Shop

Scunto
2%

Aperto

SELF
0-40

MEGA
SELF
0-40

MEGA
SELF
0-40



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FEATURES

Dedicated optics allow max efficacy of the project:

- Narrow, elonged beam for toll stations.
- Wide, round beam for gas stations.
- Frosted lenses available for glare reduction.
- **Size of the frame can be customized according to the existing canopy.**
- **10kV standard surge protection device.**
- **Photobiological risk exempt certified.**

Control systems available:

1-10V/DALI and Motion sensor.

FIXTURES

from 13 to 74 W:

- Atlas TRL

Used for:

- Toll station canopies.
- Gas station canopies.
- Loading canopies.



FEATURES

Wide and very diversified product range, suitable to meet any industrial lighting requirements:

- Different mounting options (suspended or hard ceiling mounted).
- Different IP protection levels, IP54, IP65, IP66.

Proprietary optics can be used according to the mounting height, to make a smart use of the produced light.

- Narrow optics at medium/high mounting heights focus the light to the ground.
- Optics dedicated to shelving warehouses.
- Anti-glare lenses available for low mounting heights.
- **6/10kV standard surge protection device.**
- **Photobiological risk exempt certified.**
- **ATEX version available for Kes Steel.**

Control systems available:

1-10 V / DALI and Motion/illuminance sensors.



FIXTURES

from 10 to 256 W:

- Pad (LLC 3, LLC 3B)
- Kes (N, Strip HV, Steel))
- Trilogy N

Used for:

- Low bay industrial and commercial lighting.
- High bay industrial and commercial lighting.

Emergency lighting systems available.

ATO
NATO

PUNTERRE



PEUGEOT
MOTOR & ENERGY

SEL



ESTINTORE



INTERACTION

INTERACTION

INTERACTION

INTUITION





FEATURES

The quickest Payback:

- Cut of consumption 50% (minimum)

Improved quality of the light:

- No flickering, $R_a > 80$.
- Comfortable lighting: no visible light source, ultra low glare.
- Photobiological risk exempt certified.
- **Several dedicated products allow a great design flexibility.**
- **No hazardous materials, safe also in case of breakage.**
- **IP54/65 rating for the complete fixtures.**
- **6kV standard surge protection device.**

Control systems available:

1-10 V / DALI and Motion/illuminance sensors.

FIXTURES

from 10 to 120 W:

- Kes Strip
- Kes N
- Kes Steel

Used for:

- Multi-level parking garages.
- Underground parking garages.
- Self storage and RV storage.

EV charging solutions available bundled with lighting projects.



FEATURES

- **Stand-alone and turnkey solutions** to easily bring lighting to remote areas.
- **Oversized components** to ensure the maximum reliability (up to 10 days autonomy without sun).
- **Proprietary optics** to achieve a superior lighting performance.



FIXTURES

from 5 to 20 W

(Higher powers are evaluable on a project basis):

- Talos N
- Trilogy Bust



Used for:

- Lighting of streets and areas not reached from the power line.
- Bus stop canopies.
- Sign lighting.



ARGUS
27 → 124 W



TALOS M
9 → 53 W



TALOS N
13 → 79 W



TALOS G
34 → 180 W



QUINCY 3-4
25 → 67 W



MRL - RETROFIT
25 → 60 W



CITY 2
25 → 60 W



AVALON
19 → 68 W



KOR 2
38 → 79 W



RADIANT 2X2
272 → 682 W



RADIANT 9
794 → 908 W



MAYA 8A-8B
13 → 139 W



MAYA 9C-9D
118 → 475 W



KES STRIP HV
10 → 60 W



KES N
50 → 120 W



KES STEEL
30 → 95 W



TRILOGY N
12 → 77 W



PAD LLC 3-3B
68 → 256 W

STEEL_line



RADIANT 8
29 → 54 W



RADIANT 8L
73 → 97 W



RADIANT 8XL
132 → 161 W



RADIANT 2A
136 → 370 W



ATLAS TRL
13 → 74 W

Complete product range and specs are available online and in the extended catalog.

www.dleds.com

- Streetlighting
- Pedestrian crossing
- Urban lighting
- Parking lots
- Tunnels
- Light towers / High masts
- Canopies / Gas stations
- Industries
- Garages
- Photovoltaic

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