



EXTERIOR ARCHITECTURAL LIGHTING
NETWORKED LIGHTING CONTROL TECHNOLOGIES



Luminaire Families

Standardized luminaire families bring consistency and uniformity to your projects



Retrofit Solutions

Custom or standard retrofit products versatile in form and function to adapt to most luminaires of yesterday



Network Connectivity

Integrated Network lighting control technologies include AVANTEC, TECHNIKA and ADAPTEC



Adaptive Luminaires

We specialize in custom-designed or modified luminaires to meet your specification



Teslyte is a solutions-based engineering and manufacturing company based in Anaheim, California. We specialize in architectural LED luminaire design that includes pedestrian scale, pathway, landscape, step lights, marker lights, in-ground, wall sconce, area and site lighting. Our lighting solutions are suitable for outdoor commercial and industrial environments.

We offer multiple families of exterior luminaires that integrate a consistent aesthetic across the entire project. Our versatile team of mechanical and electrical engineers are highly capable of fixture design modification or custom luminaire design. We also offer standard or custom products for energy-saving retrofit solutions and integrated network lighting control technologies.

First-Class Service

- 48-hour turnaround on design feasibility, drawings, specification and quotations
- 8-week custom design process
- 4-week lead time on modified luminaires from existing cataloged products
- Expedited sample fulfillment for custom or standard products
- Dedicated technical customer support team

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Capabilities

Retrofit Solutions

We offer a collection of standard LED retrofit products that are versatile in form and function to adapt to most luminaires of yesterday

RETROFIT



Area & Site



Module



Hardwired Acorn

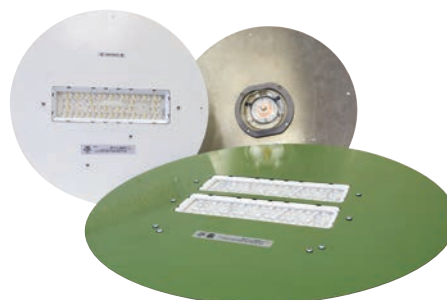


Step Light

Standard or custom retrofit solutions are easily facilitated and developed with the team of Teslyte engineers. Teslyte adheres to local, state and federal environmental standards. Teslyte retrofits are listed on DesignLights Consortium and Pacific Gas & Electric Company.

Why Retrofit?

- Less expensive installation and maintenance costs
- No disposal and recycling fees for existing fixtures
- Improved efficacy
- Utility rebate qualification
- Smart lighting integration at time of retrofit
- Discontinued fixture refurbish service and retrofit



Capabilities

Adaptive Luminaires



Teslyte offers custom or adaptive luminaire design and manufacturing to our customers. Our team of engineers will work directly with the designers and construction team to ensure the product scope and lead times are defined and clearly understood by all parties. If your project requires fixture modification or complete custom design, Teslyte can assist on all your exterior custom luminaire requirements.

Adaptive & Custom Design

- Robust process to ensure on-time delivery
- In-house team of engineers to facilitate all design and manufacturing
- Domestic manufacturing available to meet Made in America requirements
- Competitive pricing
- Flexible to meet quick lead time requirements

Architectural Project Spotlight

Natren Probiotics



Natren Probiotics was in the process of expanding its new state-of-the-art manufacturing facility in Thousand Oaks, California. Natren Probiotics was looking to update the architectural design of the building and was seeking a local lighting manufacturer to provide wall-mounted perimeter lighting.

Lead time constraints were present and Natren Probiotics needed a responsive and reputable manufacturer to deliver a quick turnaround for their project. The product scope called for a custom-designed wall sconce luminaire. The Teslyte engineering team quickly engaged with the client to finalize the fixture specification and lead time details. The project called for six-week lead time that included design and manufacturing. Teslyte committed to the lead time requirements and promptly started the design process to prepare for final sign-offs.

The product was delivered as committed within the six-week deadline. The overall design element of the fixture perfectly complemented the building's architectural design satisfying both the architect and end user. Natren Probiotics was pleased with the service level provided by Teslyte and our commitment to luminaire quality and performance.

OBIO



Project Spotlight

In-house capabilities maximized to streamline lead times

City of Westminster



The City of Westminster, California sought a local manufacturer to assist with a project to convert bollards and traditional lantern post tops to LED.

6 Weeks Design & Production

It was important to maintain the design of the fixtures, so retrofit was the only viable option. The specification called for the bollards and column lights to utilize the existing mounting base. Teslyte was able to assist and comply with the tight deadline as the city's budget was closing. Teslyte's engineers manufactured a custom plate matching the existing base plate to fit with the current anchor bolts on the job site.

During the second phase, Teslyte successfully retrofitted the traditional antique lantern fixtures and replaced the 70W high-pressure sodium with high-pressure LED. Teslyte provided two mock-up samples for the comparison with the competition's 70W retrofit kits. Teslyte's kit proved superior with better visual appearance and performance at only 40W. Teslyte managed all UL listings and delivered the product with the standard 5-year warranty.

The Solution

Teslyte's field engineers are always on the front line of the business, involved in all phases of the project, from acquiring the first data needed for design to listening to the needs of the customer. Within six-weeks, Teslyte designed and delivered a bollard and pole mount family that not only was uniform in appearance but also reduced the installation time by matching the mounting base and overall cost of the project.

The Results

The City of Westminster was pleased with Teslyte's design and performance and subsequently requested Teslyte to retrofit its parking lot with the goal of 50-55% reduction in energy usage compared to the HPS.



Project Spotlight

In-house capabilities maximized to streamline lead times

Sylmar Court Apartments

Sylmar Court Apartments is a 100% affordable housing development for homeless applications serviced by the County of Los Angeles Department of Mental Health.

The Solution

Teslyte provided affordable 25W LED wall sconces for the project within four weeks, including design, fabrication and UL certification.

4 Weeks
Design & Production



The Results

This development provided 25 permanent supportive housings units for chronically homeless applicants and six for homeless applicants.

Applied Medical

Applied Medical urgently needed to complete its laboratory project within two weeks because safety was always a concern. A Go/No Go marker light at the laboratory door would remind everyone to follow established safety procedures, and could help prevent costly injuries and illnesses where hazards were present.

The Solution

A custom low voltage Go/No Go marker light that could be quickly integrated onto the existing junction box at the laboratory door. Along with in-house mechanical and electrical engineering, Teslyte completed the design including 12V DC low voltage dual-channel red/green printed circuit board and junction box, within two weeks. Teslyte's 12V marker light design was compatible with a multiple-channel remote-mounted DC driver.

2 Weeks
Design & Production



The Results

This solution is expanding beyond laboratory doors to clean room and bank doors.

Barcelona

The **Barcelona family** of luminaires combines contemporary elegance with high-performance illumination. Barcelona offers a variety of luminaires, including tapered pole mounts, bollards and wall sconces. Designed for use in architectural environments, Barcelona is ideal for retail and commercial installations. Barcelona options include two-level passive infrared (PIR) and integral emergency power backup.

Barcelona is available with the Avantec option. Avantec is a stand-alone wireless Bluetooth beacon system. Avantec features Individual device control (On, Off, Dim), and real-time historical operating data reporting that includes temperature, intensity and wattage.

TECHNOLOGY INTEGRATION OPTIONS

Teslyte Avantec: Integrating with wireless intelligent control system for fast, ladder-free setup and maintenance

Emergency battery backup 90 minutes

Occupancy sensor program using wireless handheld configuration tool

Visit Teslyte.com for technical specifications



WM-BF SERIES

Architectural wall mount with multiple specifications available, including length dimension, finish, light output, color temperature and mount type



BL-BF SERIES

Architectural bollard adapting per customer specification from 36" to 42", straight or tapered or matching any surrounding with wood-grain option available



PM-BF SERIES

Pedestrian architectural pole mount with adapting options of straight or inverted tapered pole adapting to any height up to 16 feet meeting pedestrian-scale guidelines

Florence

The **Florence family** features distinctive architectural design and is available in pedestrian post top and wall sconce configurations. This highly decorative family is designed with superior photometric performance and glare-free in mind. Florence is an excellent choice for the enrichment of walking paths, parks and residential communities. The Florence family graciously blends high performance and efficiency. Florence is suited for applications where photometric performance and efficiency are critical.

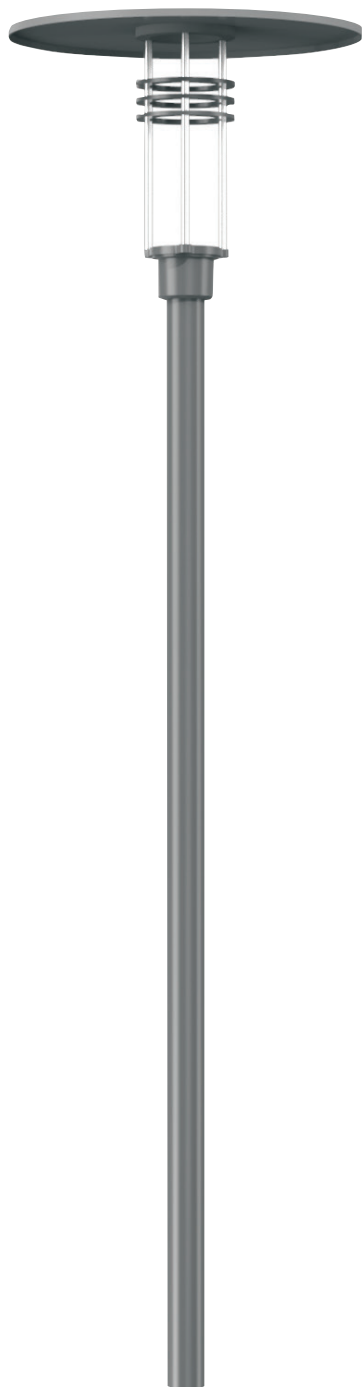
Florence is available with the Technika option. Technika is a ZigBee wireless system that enables individual device control (On, Off, Dim) and grouping of devices with specific defined zones. Control can be scheduled based on a calendar or configured scenes. Both sensors and photocells supported.

TECHNOLOGY INTEGRATION OPTIONS

Teslyte Technika: Reduce energy consumption and maintenance cost by programming, commissioning hundreds of networked lights, control sensors and photocells in group and schedule based on a calendar

Program lights on/off/dimming for any specific area tailoring to each event via one central management control station

Visit Teslyte.com for technical specifications



PT-TD SERIES

Architectural post top modular design with flexibility of top shade, top size, decorative rings elements and mounting arm



WS-TA SERIES

Architectural wall sconce with adapting options that include various heights per request and custom screen panel options

CUSTOM DECORATIVE PANELS



Westminster

The **Westminster family** is a comprehensive collection of highly advanced LED luminaires covering the entire lighting spectrum. Offering the ultimate in uniformity and performance, the Westminster product portfolio includes pole mounts, bollards and wall mounts that are ideal for use in community centers, theaters, retail and commercial environments.



WC-WM SERIES
Architectural wall mount with
twin-mount cylindrical form
adapting option



BL-WM SERIES
Decorative column bollard
adapting to square or round shape



CL-WM SERIES
Pedestrian column light that can
be easily transformed to a simple
cylindrical form

TECHNOLOGY INTEGRATION OPTIONS

Teslyte Avantec: Integrating with wireless intelligent control system for fast, ladder-free setup and maintenance

Emergency battery backup 90 minutes

Occupancy sensor program using wireless handheld configuration tool

Visit Teslyte.com for technical specifications

Possible Configuration of Cylindrical Form





Pathway Lighting

Teslyte offers a collection of high-performance luminaires designed specifically for pathway illumination. With extensive experience in custom design, fabrication and manufacturing, Teslyte is capable of design modification to match or replace existing luminaires. Manufactured in the USA from high-quality steel or aluminum, Teslyte pathway bollards are available in a wide range of design profiles, sizes and mounting options.



BL-BF SERIES

36" & 42" decorative bollard with PIR sensor two-level option



BL-ED SERIES

Round or square configurations
Available with wood-grain powder-coat
Flexible in height and precise photometric 1-foot candle



BL-ET SERIES

Decorative bollard stainless steel molding housing



BL-ET SERIES

20" & 32" bollard up to 22W
Precise and uniform 360° optic with anti-glare



BL-ET SERIES

15" & 27" bollard up to 26W
Precise and uniform 360° optic with anti-glare

TECHNOLOGY INTEGRATION OPTIONS

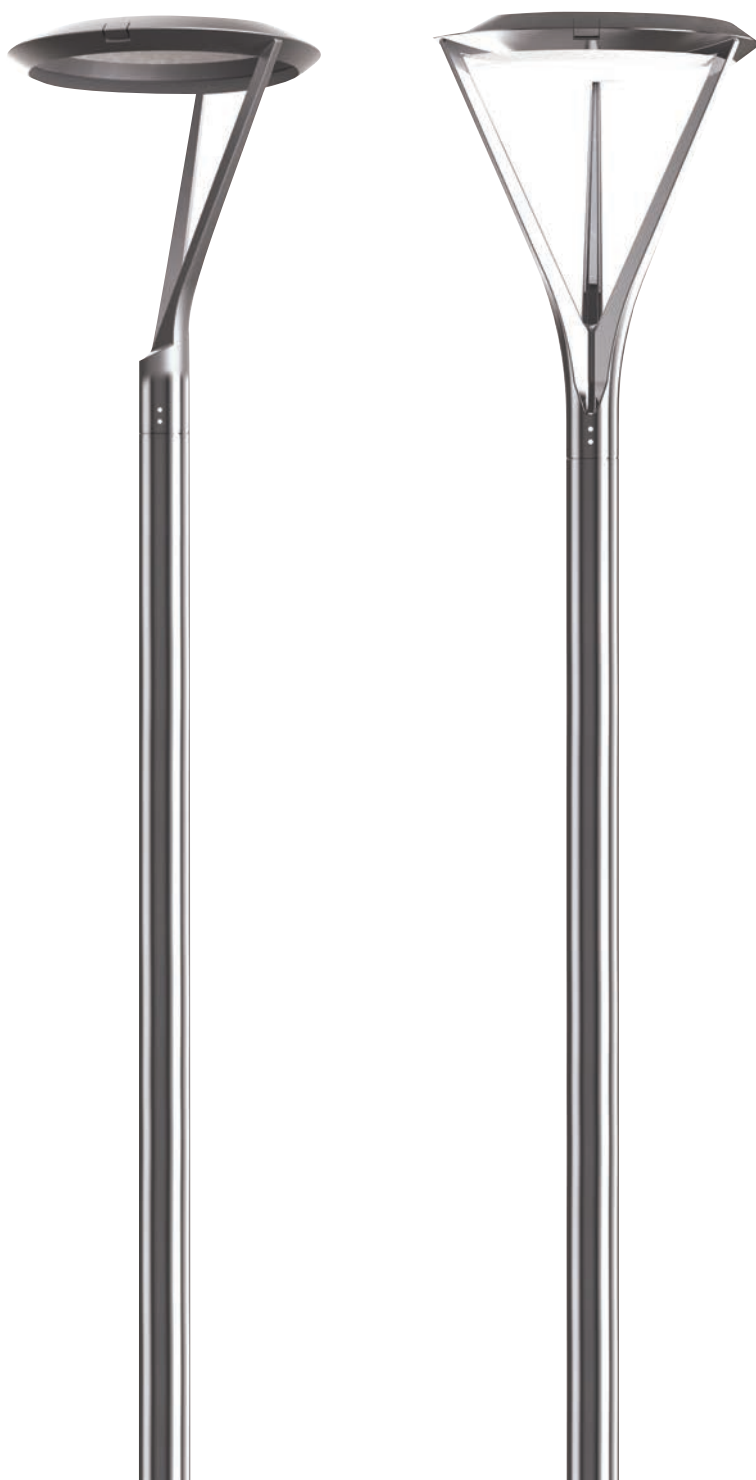
Emergency battery backup 90 minutes

Occupancy sensor program using wireless handheld configuration tool

Visit Teslyte.com for technical specifications

Pedestrian Lighting

Go beyond standard and ordinary with pedestrian lighting from Teslyte. With multiple designs and profiles to choose from, Teslyte's pedestrian luminaires boast style and form that seamlessly complement today's architectural projects. Whether the intent is to illuminate a pathway, park or walkway, our pedestrian luminaires will provide the best quality light available.



PT-ED SERIES

Pedestrian pole with 3-arm, 2-arm or 1-arm available options

TECHNOLOGY INTEGRATION OPTIONS

Teslyte Technika: Reduce energy consumption and maintenance cost by programming, commissioning hundreds of networked lights, control sensors and photocells in group and schedule based on a calendar

Program lights on/off/dimming for any specific area tailoring to each event via one central management control station

Visit Teslyte.com for technical specifications

Step Accent & Marker

Teslyte's step accent series seamlessly blends in to architectural spaces. Designed with a clean profile and minimal glare, Teslyte's series offers a variety of step accent luminaires designed to illuminate pathways, path of egress and stairs. Step accents are available in a variety of sizes and form factors. Step accents are optimized to maximize output and efficacy.

Teslyte also offers marker lights that are simple in design and provide both indicator lighting and/or signage. Key features include architectural finishes, various sizes and Go/No Go red and green lighting.



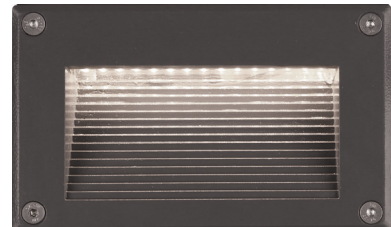
TL-SL SERIES
12V dual-channel
red/green marker



WR-ET SERIES
24V recessed wall
light 4" x 3"



WR-ET SERIES
24V recessed wall
light 6.4" x 4"



WR-ET SERIES
100V - 240V
recessed wall light
9" x 5"

ADAPTING OPTIONS

Customize to any size and shape faceplate

Variety of input voltage options ranging from
24V DC and 100V-240V AC

Various LED colors to choose from

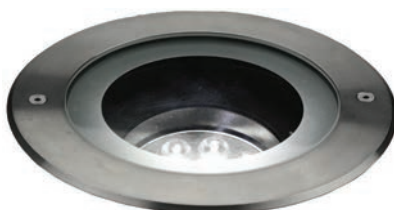
In-Ground

Teslyte's product portfolio includes a collection of luminaires designed for in-ground installation. Choose from a variety of sizes that feature round or linear form factors. Suitable for concrete pour, Teslyte's in-ground luminaires offer clean architectural design combined with top-line performance and efficacy.

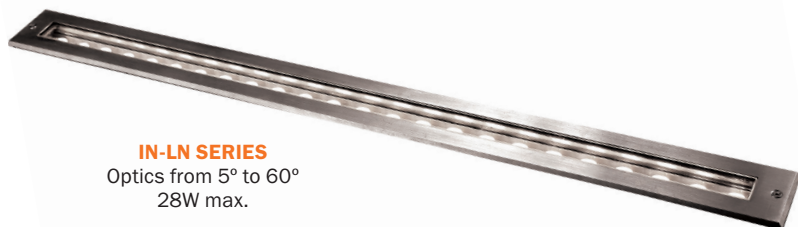
Teslyte's linear in-grounds are constructed of stainless steel with die cast aluminum housing. Suitable for walk-over and IP67 rating, these architectural linear luminaires are optimized for heat dissipation and performance.



IG-WW SERIES
In-ground up to 36W
Color-changing and tunable
white light engine



IG-81 SERIES
Optics from 5° to 60°
Color-changing and
tunable white light engine



IN-LN SERIES
Optics from 5° to 60°
28W max.



IN-LN SERIES
Optics from 5° to 60°
36W max.

Cylinder Floodlights & Wall Sconces

Featuring a broad portfolio of landscape and wall mount luminaires, our landscape series offers a range of form factors to adapt to multiple mounting options. Along with a variety of landscape bullets and wall mount sign-lighters, our landscape series features optional Smart Dynamic Beam Sculpting.

Teslyte offers a broad range of architectural cylindrical wall sconces constructed of heavy wall extruded aluminum. Cylinder wall sconces are flexible for custom tailoring to specific needs. A variety of lens types and CCT options are available. Providing direct and indirect illumination, luminaires feature separate up/down light control.



CM-ET SERIES

Cylinder Wall Mount
Beam angles: 15°, 25°, 38°, 60°
Alternate diameter size 1" to 2"
vary in length



FL-ET SERIES

Cylinder Accent Light
Ground mounted, wall mounted, high pole mounted and spike mounted
Beam angles: 15°, 25°, 38°, 60°
Alternate diameter size 1" to 2"
vary in length



CW-ET SERIES

Cylinder Wall or Surface Mount
Light 8" to 14"

TECHNOLOGY INTEGRATION OPTIONS

Adaptec: A stand-alone smart dynamic beam sculpting; control beam angle 10°- 50°, dimming, tunable CCT in a single app

Visit Teslyte.com for technical specifications

Wall Sconces

Teslyte's product portfolio features a large variety of standard wall scones to choose from. Offered in multiple form factors and sizes, Teslyte's wall sconce portfolio is available with custom decorative screen panel options that allow easy integration of customer's logo or other defined design elements. With precision laser technology, we are capable of creating complex geometrical shapes.



WS-TA SERIES
Architectural wall sconce featuring a variety of decorative screen panel options

CUSTOM DECORATIVE PANELS



WS-PL SERIES
Architectural wall sconce with Up and Down light options

Made in the USA

Teslyte offers a collection of area and site luminaires that are made in the USA. Bring uniform high-quality light to large-scale spaces with our area and site lighting collection of luminaires. Ideal for parking lots, walkways and cityscapes, Teslyte's area and site lighting increases safety and allows for the ultimate in energy savings. Area and site lights are available in a variety of sizes and styles designed to complement the aesthetics of the complete project.



SB-TY SERIES

Made in USA

Buy American Act compliant

RoHS compliant product

UL certified facility



SB-ER SERIES

Architectural Area & Site

Made in USA

Buy American Act compliant

RoHS compliant product

UL certified facility

Featured Project

Rose Pointe Apartments, Fullerton, CA

In compliance with the Made in USA FTA requirement standards, these area lights are a scalable lighting solution targeted for 8' to 20' mounting heights



ADAPTEC

Smart Dynamic Beam Sculpting

Wireless
Control & LED

Bluetooth Wireless Control of
Light Intensity, Color Tuning,
Beam Angle Variation
& Dimming

Heatsink

High-Performance TIR

Liquid Crystal Lens Delivering
Dynamic Beam Sculpting
Controlled Beam Angle
Variation of 10° - 50°



TESLYTE Technologies

Most Teslyte luminaires are capable of integrating smart technology that allows for wireless connectivity and control.

AVANTEC

- A stand-alone Bluetooth mesh lighting control without expensive wires and hubs enables facilities managers or building owners to integrate with a broad range of lighting, network and management systems throughout a building and across entire site
- Provide significant operational savings from energy savings, maintenance and repair costs to any site
- Can be installed and commissioned in hours or days using intelligent control system for fast, ladder-free setup and maintenance
- Ideal application: Barcelona and Westminster families

TECHNIKA

- A complete mesh energy-saving wireless system controls up to 1000 nodes of networked lights, control sensors and photocells, 400-meter range with the wireless gateway
- Reduce energy consumption and maintenance
- Integrate to program lights on/off/dimming for any specific area tailoring to each event via one central control management station
- Teslyte Technika can be installed and commissioned in multiple zones, scenes, sensor events and schedules
- Ideal application: Florence Family and retrofit RF-TL series

ADAPTEC

- A stand-alone smart dynamic beam sculpting
- Control beam angle 10° - 50°, dimming, tunable CCT with a single App
- Ideal application: Cylinder floodlights and retrofit

LEARN MORE AT TESLYTE.COM



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