

DTE



Community Lighting Catalog

2022

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Protect your home

Outdoor Protective Lighting provides maintenance-free exterior lighting service to your home. Protecting your property and neighborhood with efficient and affordable outdoor lighting is easy with DTE Energy.

Enhance your business

Outdoor Protective Lighting provides maintenance-free exterior lighting service to parking lots, site entrances, street lights and more. The service delivers strong and lasting benefits, and we make it simple and affordable.

Illuminate your roadways

Well-lit roads in your community promotes safe conditions for both drivers and pedestrians.



Program Highlights



Years of Experience

Our Community Lighting team has more than 110 years of experience providing street and area lighting solutions from local, collector and major thoroughfares to public pathways, commercial developments, parking lots, industrial storage lots, streetscapes, new construction, parking lots, homeowner associations, area lighting and more. We will work collaboratively with you to develop a lighting plan that fits your needs and budget.



Aesthetics & Value

We can help you develop a plan that preserves aesthetics, improves visibility, encourages public use and increases safety. Lighting adds ambiance and character, creating a more welcoming environment – and we're here to provide the best possible solution for you. With many different luminaire and post combinations, you'll be able to create custom posts that fit seamlessly into your community streetstyle, buildings and grounds.



Safety & Security

When your business is well-lit, your residents, customers and visitors feel safer and your assets are more secure. Outdoor lighting provides a safe environment for residential and commercial areas and deters crime.



Affordability

Our large portfolio of energy-efficient lighting products delivers optimal performance while keeping your costs low. We can help offset the initial cost of installation and all agreements include service and maintenance.



Maintenance & Upkeep

Interruptions to outdoor lighting can happen for many different reasons including power outages, mechanical issues or scheduled equipment maintenance. We provide timely repair and maintenance to guarantee reliability. If your lighting installation ever requires maintenance, have peace of mind knowing we're just a phone call away.

Luminaire Options

LED Roadway Series

LED Roadway Series luminaires are offered in three high-lumen performance packages designed to deliver energy-efficient outdoor lighting with optimal coverage for all roadway classifications. These luminaires are designed for residential, municipal, county and state thoroughfares in both underground and overhead configurations.

Lighting Applications:

- Local, collector and major roadways
- Intersections and roundabouts
- Commercial and industrial developments
- Parks and recreational areas
- Rural residences and barnyards
- Campuses
- Walkways
- Alleys
- Parking lots



LED Teardrop Series

LED Teardrop Series luminaires are offered in eight high-efficiency LED performance packages designed as a period style luminaire for street lighting applications. The system is constructed of a precision-engineered prismatic borosilicate glass teardrop refractor configured in a Type 3 distribution. These luminaires are designed for municipal, county and state thoroughfares.

Lighting Applications:

- Downtown districts
- Urban roadways and streetscapes
- Parks and walkways
- Campuses
- Village squares
- Historic districts
- Plazas
- Commercial developments



Product Information:

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ^{*1}	Initial Delivered Lumens ^{*2}	Typical Mounting Heights
Black or gray	58	LED	4,000K	7,334	30'
Black or gray	136	LED	4,000K	17,400	30'
Black or gray	206	LED	4,000K	29,252	30' or 40'

1. The correlated color temperature of a light source is measured on the Kelvin (K) scale. Color temperatures of light sources may range in appearance between warm white (1,800K - 3,000K), cool white (3100K - 4500K) and daylight (4,600K - 6,500K).

2. Measurements taken from luminaire with standard option only (no other accessories or attachments used during testing).

Product Information:

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ^{*1}	Initial Delivered Lumens ^{*2}	Typical Mounting Heights
Black	21	LED	4,000K	3,618	27' or 29'
Black	43	LED	4,000K	7,010	27' or 29'
Black	63	LED	4,000K	10,176	27' or 29'
Black	83	LED	4,000K	13,116	27' or 29'
Black	103	LED	4,000K	16,055	27' or 29'
Black	121	LED	4,000K	18,543	27' or 29'
Black	144	LED	4,000K	21,482	27' or 29'
Black	153	LED	4,000K	22,613	27' or 29'

Decorative Post Top Lighting

Colonial Series

Colonial Series post-top luminaires are offered in LED and HPS technology and feature a traditional lantern-style design in one standard configuration. This luminaire is designed for roadways, walkways and parking lots in residential, municipal and commercial developments.

Lighting Applications:

- Residential and urban boulevards
- City streets
- Parking lots
- Campuses
- Commercial developments
- Plazas
- Historic districts
- Village squares
- Parks
- Walkways and roadways



Acorn Series

Acorn Series post-top luminaires are offered in LED and HPS technology and in assorted configurations. These range from glass globe only or glass globe with ribs and band, to glass globe with full cover, ribs and band. These luminaires are designed for roadways, walkways and parking lots in residential, municipal and commercial developments.

Lighting Applications:

- Residential and urban boulevards
- City streets
- Parking lots
- Campuses
- Commercial developments
- Plazas
- Historic districts
- Village squares
- Parks
- Walkways and roadways



Product Information:

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ^{*1}	Initial Delivered Lumens ^{*2}	Typical Mounting Heights
Black	70	HPS	1,900K	3,593	14'
Black	64	LED	4,000K	6,587	14'
Black	100	HPS	2,100K	5,679	14'

1. The correlated color temperature of a light source is measured on the Kelvin (K) scale. Color temperatures of light sources may range in appearance between warm white (1,800K - 3,000K), cool white (3,100K - 4,500K) and daylight (4,600K - 6,500K).

2. Measurements taken from luminaire with three acrylic clear prismatic panels on street side and one diffuse panel on house side.

Product Information:

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ^{*1}	Initial Delivered Lumens ^{*2}	Typical Mounting Heights
Black	39	LED	4,000K	5,246	11.5' to 14.5'
Black	60	LED	4,000K	7,438	11.5' to 14.5'
Black	100	HPS	2,100K	9,277	11.5' to 14.5'

1. The correlated color temperature of a light source is measured on the Kelvin (K) scale. Color temperatures of light sources may range in appearance between warm white (1,800K - 3,000K), cool white (3,100K - 4,500K) and daylight (4,600K - 6,500K).

2. Measurements taken from luminaire with clear glass globe option only (no other accessories or attachments used during testing)

LED Area Lighting

LED Parking Lot Area Light Series

The LED area light luminaires are offered in multiple lumen performance packages designed to deliver energy efficient outdoor lighting for parking lots and other area lighting applications. These can be utilized with overhead fed and underground fed post options.

AR-13: This performance series (lumen package) is intended for small to medium lighting projects in residential, industrial and commercial zoned areas. Wattage Options: 72, 88, 113, 138, 149. Optic Distribution Options: Type 3, Type 4, Type 5, Type AFR.

AR-18: This performance series (lumen package) is intended for medium to large lighting projects in industrial and commercial zoned areas. Wattage Options: 206, 235, 272, 297. Optic Distribution Options: Type 3, Type 4, Type 5, Type AFR.

Lighting Applications:

- Parking lots and retail
- Mixed-use developments
- Auto dealerships
- Industrial sites
- Entrance and exit roads to facilities
- Security areas
- Storage areas
- Loading and receiving areas
- Parks and recreational areas
- Churches and schools



LED Flood Light Series

LED flood light luminaires are typically mounted to a wood pole using a standard mount and bracket configuration. Optional features include partial or full shielding to mitigate dispersed light. These luminaires are designed for safety and security lighting used in a variety of applications for residential, commercial, industrial and municipal developments.

Lighting Applications:

- Security areas
- Storage areas
- Loading and receiving areas
- Backyards
- Parking lots and retail
- Auto dealerships
- Industrial sites
- Churches and schools
- Parks and recreational areas
- Rural residences and barnyards



Product Information:

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ¹	Initial Delivered Lumens ²	Typical Mounting Heights
Black	70	LED	4,000K	9,300	25' to 30'
Gray	218	LED	4,000K	29,000	25' to 30'
Gray	297	LED	4,000K	37,400	25' to 30'

1. The correlated color temperature of a light source is measured on the Kelvin (K) scale. Color temperatures of light sources may range in appearance between warm white (1,800K - 3,000K), cool white (3,100K - 4,500K) and daylight (4,600K - 6,500K).

2. Measurements taken from luminaire with three acrylic clear prismatic panels on street side and one diffuse panel on house side.

Product Information:

Product information can be provided to customers upon request.

Poles & Posts

Street and Roadway Pole Options

Providing the necessary illumination to enhance driver and pedestrian safety is our number one goal.

We offer posts of various heights, colors and design. Options range from aluminum, steel, wood and fiberglass posts.

Foundation types vary from direct bury posts to full break away options as well as high band concrete foundations.

Heights can vary from 28 - 40'.



DTE Post Code 06: 28.75' black or silver single davit arm steel post mounted to concrete foundation-engineered to allow receptacles. Breakaway base option for this post design.



DTE Post Code 71/73 & 81/83: 30' or 40' black or silver dual arm fiberglass direct bury post with breakaway base.



DTE Post Code 70/72 & 80/82: 30' or 40' black or silver single arm fiberglass direct bury post with breakaway base.



DTE Post Code 87: 28.75' black or silver dual Davit arm steel post mounted to concrete foundation-engineered to allow receptacles.



DTE Wood Poles: Existing distribution poles or new 30' wood poles

Decorative Post Options

Often used in downtown streetscapes, historic districts, subdivision lighting, walkways and parks, these lighting options help provide the desired look and feel for the intended space.

These decorative posts are offered in a variety of designs and colors, ranging between 12 - 14'. According to customer preferences, they can be constructed of various materials including aluminum, steel, concrete and fiberglass.

DTE provides a variety of options for flexibility during installations that include direct embedded posts and anchor base posts that can be mounted to standard or high-band concrete foundations.



DTE Post Code 16: 12' or 14' black fiberglass post with concrete foundation. Engineered to support decorative dual lum brackets and receptacles.



DTE Post Code 12 & 14: 12' or 14' black aluminum post. Direct bury or concrete foundation options available. Engineered to support banner arms and receptacles.



DTE Post Code 15: 13' black or salt & pepper concrete direct bury post. Engineered with provisions for banner arms and receptacles.



DTE Post Code 95: 14' black fiberglass direct bury post.

Parking Lot Pole Options

DTE offers energy efficient area lighting solutions that provide appropriate levels of illumination to enhance safety and security for drivers and pedestrians.

These area lights are paired with a modern post design that is offered in either black or dark bronze paint finish, ranging between 17.5 - 30'. Foundation designs include a standard foundation used for perimeter lighting and two high-band foundation options used for interior lighting in heavily-traveled, high-impact areas. Each post is designed to accommodate one to four luminaire configurations.



DTE Post Code A01-A54: 17.5 - 30' dark bronze or black square steel pole mounted to concrete foundation.



These lights can also be mounted on a wood utility pole.



Our Outdoor Protective Lighting Rate is a supplemental rate that is used for security lighting. After you enroll, we install lighting where service is already available in order to illuminate your private property. You qualify for this rate if you are currently using electric service under one of our standard metered rates. This dusk to dawn service is controlled by photo-sensitive devices that provide service all night, every night. Speak to one of our lighting experts for additional contract details.



Additional resources

If you're interested in our company taking your lighting system off your hands, we provide easy and affordable options to acquire your lighting system. We've worked with many businesses and municipalities to acquire and maintain their lighting system while upgrading it to new, energy-efficient luminaires. Our Lighting Designers will design an outdoor lighting solution that meets the needs of our customers following applicable guidelines.

If you would like to design a lighting system, visit our website at dteenergy.com/lighting, or scan the QR code below and one of our representatives will be in touch with you.

To learn more about our options, services and benefits, fill out the form at the QR code to the right and one of our representatives will be in touch.



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