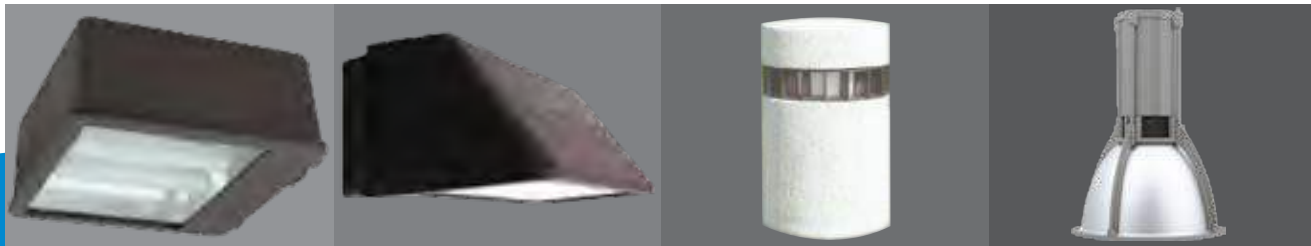


TECH-D

TECHNOLOGY DRIVEN

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LIGHTING
GROUP



Lighting Product Guide

INDUCTION • LED • FLUORESCENT

TECH-D Lighting Introduction



Durable fixtures that perform beyond your expectations.

Tech D Lighting is dedicated to manufacturing energy efficient lighting fixtures to meet everyday demands in commercial, industrial and residential markets. Its primary focus is to introduce an array of specification grade lighting fixtures within the induction, LED, and fluorescent marketplace. These fixtures are rated for outdoor usage and may be used for various indoor applications. Tech D provides innovative technology with durable fixtures to withstand harsh environments while reducing energy and maintenance costs.



Tech D keeps the end user in mind during product development and manufacturing process. The product offering includes standard, custom, or modified fixtures. Its comprehensive product line will meet an extensive range of lighting projects while providing functional and aesthetically pleasing fixtures. In addition, Tech D understands that sometimes customers just want to keep the same feel and tone to their building. As such, Tech D provides retrofit kit solutions to meet these demands.

TECH-D Commitment To Service

Rayon Lighting Group, in conjunction with its wholly owned subsidiary, Tech D Lighting, is committed to customer satisfaction. We strive to excel in this area by listening to our customers. We provide each customer the necessary tools to make their experience easier and more enjoyable.

Our committed sales representatives are available to educate and provide the care you need.

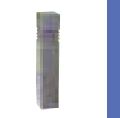
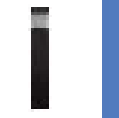
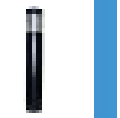
They are ready to answer your questions to ensure you have the right product. Regardless if it is customer care you need for placing an order, product availability, technical assistance, product features, or maintenance, a sales representative is ready to assist you. In addition to our field sales representatives, Rayon Lighting Group has an internal sales representative team and customer care personnel who are ready to assist you for your lighting project.

Our commitment to service also extends to our effort in providing stringent quality control to each product before it leaves our premises. For this reason, each fixture is tested within our facility to ensure optimal performance.

In addition to the above, please refer to those fixtures that have the American flag for those fixtures that are made in the USA.



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TECH·D The GREEN Commitment

Tech D Lighting and its parent company, Rayon Lighting Group, are committed to energy efficient lighting solutions. We are committed to this philosophy by only manufacturing lighting systems that are energy efficient. Our energy efficient lighting systems help reduce monthly energy bills and significantly reduce greenhouse gases emitted into our air. Our goal is to develop lighting systems that keep our planet in mind. By creating lighting systems with long lamp life, such as induction lighting systems with a 100,000-hour lamp life or LED with a 50,000-hour lamp life, we are contributing to reducing carbon footprint in our planet. As such, we only commit our time and resources towards developing and manufacturing lighting systems that help keep our planet GREEN.

TECH-D Environment

A new day is upon us and we must take control. We have entered an era in which we must care for our planet. Today we face unprecedented challenges that we must work together to achieve a common solution. More than ever before, there are dwindling natural resources and a rapidly changing climate that threatens our planet.

Each of us has a choice to care for our planet by leaving less carbon footprint today for a more environmentally friendly tomorrow. However, the choice begins today.

Tech D Lighting is committed to this change by only manufacturing and distributing lighting fixtures that are energy friendly. We expend our resources and product development only towards energy efficient technology that will leave the least amount of carbon footprint. We currently offer induction and LED energy efficient lighting fixtures. Our induction technology provides 100,000 hours of life while our LED technology provides 50,000 hours of life. Both of these lighting systems are eco-friendly because they use a fraction of the life of conventional lighting.

Retrofit Helps Reduce Carbon Footprint

In a continuing effort to reduce carbon footprint we strongly encourage our customers to retrofit their existing fixtures into energy efficient fixtures. Tech D employs engineers and designers who are able to convert existing fixtures into energy efficient fixtures right in our fully functional facility. Please consult with a field representative or a customer care personnel who may assist you in your retrofit project.



TECH-D

Our Commitment. Our Promise.

In a quest for energy sustainability Tech D understands that every effort counts towards reduction in carbon footprint. In conjunction with our parent company, Rayon Lighting Group, everyday we are making our effort in contributing to sustaining our planet.

Programs have been instilled where recycling bins have been placed throughout our facility, therefore, making it easy for everyone to contribute towards sustainability. Recycling bins are in place for cans, plastic bottles, and paper. Our facility has replaced conventional lighting fixtures with our energy efficient lighting fixtures. During the day, we make use of natural daylight and leave lights off until necessary. Collectively, small efforts will lead to drastic changes. We firmly believe in this ideology and therefore practice energy efficiency within our facilities and encourage our customers to continue in energy sustainability by utilizing an energy efficient product by Tech D when making its next decision for purchasing a lighting fixture.

TECH-D Induction Lighting

Energy-efficient lighting fixtures to meet everyday demands in commercial, industrial and residential markets.

Key Features

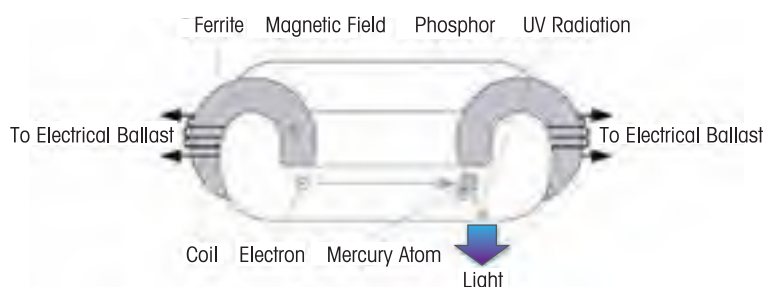
- Long Lamp Life: 100,000 hours average lamp life
- High Lighting Efficacy: 65~90 lumens/watt
- High Color Rendering Index (CRI): CRI>80
- High Luminous Maintenance Rate: >70% at 60,000 hours
- High Power Factor: >.99
- Available Color Temperatures: 2,700 to 6,500K
- Quick Start: Instant strike and restrike
- Flicker/Glare: None
- Low Harmonic Distortion: Meets international "L" class standard





Induction Lighting: Operating Principles

Induction lighting is based on the principles of induction and light generation by gas discharge using simple magnetism. Electromagnetic transformers, constructed from rings of metal coils and powered by a high frequency electronic ballast, create an electromagnetic field around a glass tube which contains the gas. The discharge path, induced by the coils, forms a closed loop allowing acceleration of free electrons, which collide with mercury atoms and excite the electrons. As the excited electrons from these atoms fall back from this higher energy level to a lower stable state, they emit ultraviolet radiation. This UV energy is converted to visible light as it passes through a phosphor coating on the surface of the tube. The unusual shape of an induction lamp maximizes the efficiency of the electromagnetic fields that are generated.



Tech D Lighting's Induction Benefits

Tech D's induction lighting fixtures boast many benefits. Because of this electrodeless technology, our induction lamps have an extremely long lamp life of up to 100,000 hours, with a high-energy conversion efficiency of 65~90 lumens per watt. The benefits continue with a high power factor, constant lumen output, high stability, high CRI, low harmonic content, instant strike and restrike, and no flicker or glare. Tech D's induction lighting fixtures provides better visual comfort with a wide range of color temperatures. Our induction lighting fixtures fully comply with UL standards and meets indoor and outdoor applications.

Induction lighting offers a considerable cost saving between 35% to 75% in energy and reduced maintenance costs compared to traditional conventional lighting. In addition to the long-term savings, induction lighting reduces environmental impact through reduced CO² emissions from electricity generation, therefore, reducing our carbon footprint.

TECH-D Induction Lighting Provides Improved Visual Acuity

Induction lighting can replace an HID system using only half the wattage yet provide greater visual acuity. The reason for this is how the human eye responds to different light sources.

Scotopic/Photopic ratio determines the apparent visual brightness of a light source. Induction Lighting produces a high Scotopic/Photopic ratio. As such, Induction systems appear brighter to the human eye than a metal halide or high pressure sodium light source while using half the wattage.

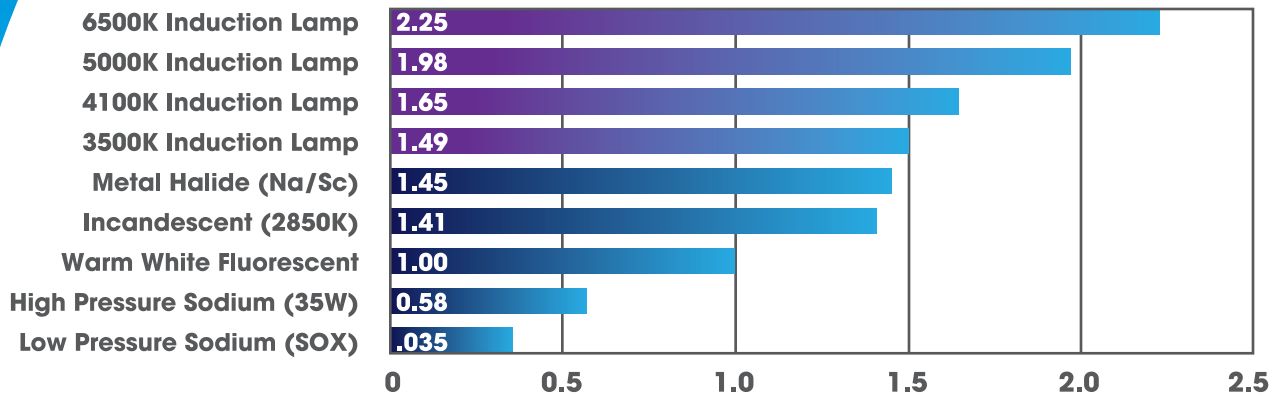
TECH-D

INDUCTION VS LED / METAL HALIDE / HIGH PRESSURE SODIUM

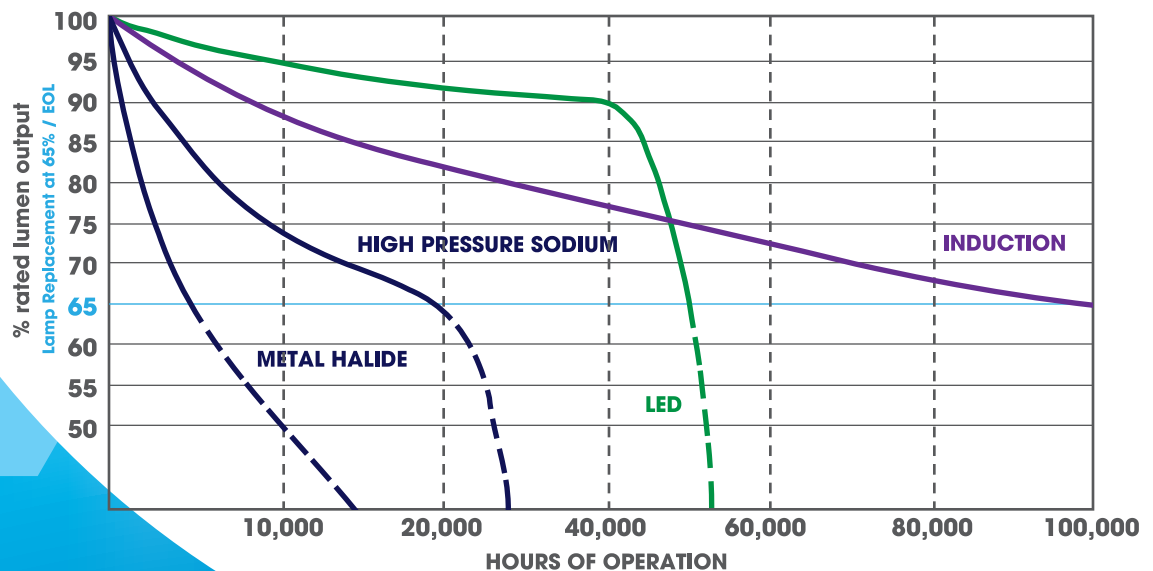
	INDUCTION	LED	MH	HPS
Rated Lamp Life	60k - 100k	30k - 50k	10k - 15k	15k - 24k
Lighting Efficacy (Lm/Wt)	65 - 90	40 - 70	60 - 95	60 - 120
Color Rendering Index	> 80	> 70	> 70	> 20
S/P Ratio	1.46 - 2.25	1.96	1.49	0.58
Color Temperature	Full Range	Limited Range	Limited Range	Limited Range
Hot Restart	INSTANT	INSTANT	DELAY	DELAY
Mercury	Low	N/A	Low - High	Low - Medium

LIGHT SOURCE

SCOTOPIC/PHOTOPIC (S/P) RATIO



LUMEN MAINTENANCE PROJECTION



TECH-D Key Terminology

SCOTOPIC VISION

The vision of the eye under low light conditions directed by rod cells within the human eye.

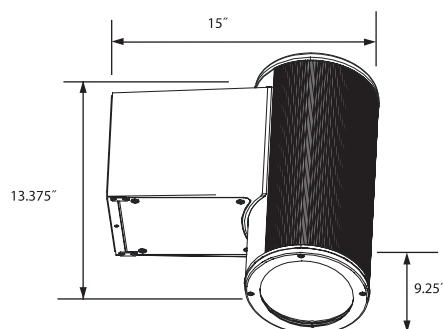
PHOTOPIC VISION

The vision of the eye under well-lit conditions directed by cone cells within the human eye.

MESOPIC VISION

The vision of the eye in low but not quite dark lighting conditions. Mesopic vision is a combination of photopic vision and scotopic vision.

Directional Wall Luminaire



USE OF PRODUCT

The intended use of this product is as a wall wash luminaire, walkways, parking lots, and pathway lighting.



FEATURES

HOUSING

Rugged one piece extruded aluminum housing with precision die cast ballast housing. Three captive, tamper resistant, stainless steel screws secure the faceplate to the housing.

FINISH

Weather resistant, matt-finish powdercoat process for advanced protection in severe environments over a precise chromate conversion coating. Available in standard dark polyester bronze finish or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector with clear tempered glass lens to provide impact resistance. Lens is sealed by a one-piece silicon gasket, which prohibits entrance of outside contaminants.

ELECTRICAL - Driver

- Input voltage: 120V-277V
- Input Frequency: 50/60 Hz
- Output Frequency: 250KHz - 365KHz

LAMPS

Available in 23W, 40W, 60W, 80W, or 40W up/40W down.

MOUNTING

Luminaire may be mounted over a 4" recessed outlet box and includes two hands free easy to hang wall mounting brackets.

LISTINGS/COMPLIANCE

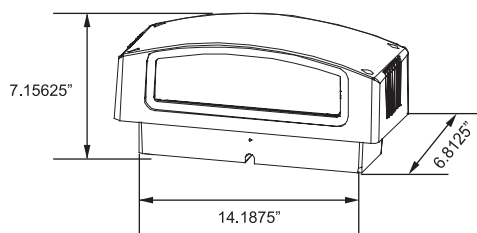
- UL/UCL US, ETL listed- Suitable for wet locations.
- Meets Dark Sky Compliant standards when fixture is in a down position.

ORDERING INFO

T218

Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series	25 - 23W/2070 43 - 40W/3680 65 - 60W/5400 86 - 40W2/7200	120 - 120V 277 - 277V UNI12	30 - 3000K 35 - 3500K 41 - 4100K 47 - 4700K 50 - 5000K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell BI - Bi Level

Slim Wall Sconce



USE OF PRODUCT

The intended use of this product is for wall wash luminaries and for hallways.

FEATURES

HOUSING

Rugged die cast aluminum housing.

FINISH

Matt finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector includes removable baffle to convert fixture from a Downlight to an Uplight/Downlight. Clear tempered glass lens to provide impact resistance with a tempered glass diffuser. Lens is sealed by a one-piece silicon gasket which prohibits entrance of outside contaminants.

ELECTRICAL - Driver

- Input voltage: 120V-277V
- Input Frequency: 50/60 Hz
- Output Frequency: 250KHz - 365KHz

LAMPS

Available in 40W, 60W, 80W, or 40W Up/40W Down.

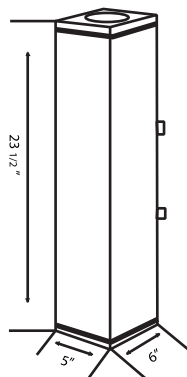
LISTINGS/COMPLIANCE

- UL/UCL US, ETL listed-Suitable for wet locations.
- CSA listed: Suitable for wet locations.

ORDERING INFO

T228					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series	25 - 23W/2070 43 - 40W/3680 65 - 60W/5400 86 - 40W2/7200	120 - 120V 277 - 277V UNI12	30 - 3000K 35 - 3500K 41 - 4100K 47 - 4700K 50 - 5000K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell BI - Bi Level SI - Shield Internal

Kent Wall Luminaire



USE OF PRODUCT

The intended use of this product is as a wall wash luminaire, walkways, parking lots, pathway lighting, architectural detail, or façade lighting.

FEATURES

HOUSING

Rugged die cast and extruded aluminum housing.

FINISH

Matt-finish, architectural powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector with clear tempered glass lens to provide impact resistance. Lens is sealed by a one-piece silicon gasket, which prohibits entrance of outside contaminants.

ELECTRICAL - Driver

- Input voltage: 120V-277V
- Input Frequency: 50/60 Hz
- Output Frequency: 250KHz - 365KHz

LAMPS

Available in 25W, 40W, and 60W.

MOUNTING

Wall mount bracket to attach to standard J-box included.

LISTINGS/COMPLIANCE

UL/UCL US

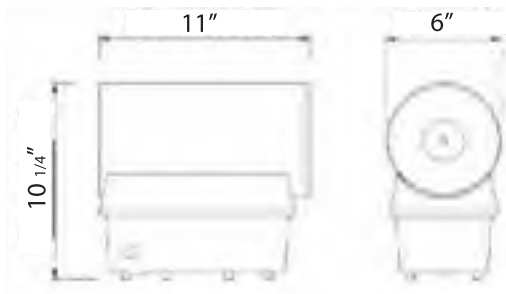
ACCESSORIES

Consult Factory.

ORDERING INFO

T230					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series	25 - 23W/2070	120 - 120V	30 - 3000K	BZ - Bronze	PC - Photocell
	43 - 40W/3680	277 - 277V	35 - 3500K	BL - Black	BI - Bi Level
	65 - 60W/5400	UNI12	41 - 4100K	WH - White	
			47 - 4700K	CX - Custom	
			50 - 5000K		

Cielo Wall Luminaire



USE OF PRODUCT

The intended use of this product is as a wall wash luminaire.

FEATURES

HOUSING

Rugged one piece extruded aluminum housing with precision die cast ballast housing. Gasketed screw-in face plate holds the tempered glass lens to the housing.

FINISH

Weather resistant, matt-finish powdercoat process for advanced protection in severe environments over a precise chromate conversion coating. Available in standard dark polyester bronze finish or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector with clear tempered glass lens to provide impact resistance. Lens is sealed by a one- piece silicon gasket, which prohibits entrance of outside contaminants.

ELECTRICAL - Driver

- Input voltage: 120V-277V
- Input Frequency: 50/60 Hz
- Output Frequency: 250KHz - 365KHz

LAMPS

Available in 25W, 40W, and 60W.

MOUNTING

Luminaire may be mounted over a 4" recessed outlet box.

LISTINGS/COMPLIANCE

- UL/UCL US, ETL listed- Suitable for wet locations.
- Meets Dark Sky Compliant standards when fixture is in a down position.

ORDERING INFO

T236					
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Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series	25 - 23W/2070 43 - 40W/3680 65 - 60W/5400	120 - 120V 277 - 277V UNI12	30 - 3000K 35 - 3500K 41 - 4100K 47 - 4700K 50 - 5000K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell

Beta Wall Luminaire



USE OF PRODUCT

The intended use of this product is for hallways and as a wall wash luminaire.

FEATURES

HOUSING

Rugged die cast aluminum housing.

FINISH

Matt finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector includes removable baffle to convert fixture from a downlight to an Updownlight/Downlight. Clear tempered glass lens to provide impact resistance with a tempered glass diffuser. Lens is sealed by a one-piece silicon gasket which prohibits entrance of outside contaminants.

ELECTRICAL - Driver

- Input voltage: 120V-277V
- Input Frequency: 50/60 Hz
- Output Frequency: 250KHz - 365KHz

LAMPS

Available in 25W, 40W, or 60W

LISTINGS/COMPLIANCE

- UL/UCL US, ETL listed-Suitable for wet locations.
- CSA listed: Suitable for wet locations.

ORDERING INFO

T238					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series	25 - 23W/2070 43 - 40W/3680 65 - 60W/5400	120 - 120V 277 - 277V UNI12	30 - 3000K 35 - 3500K 41 - 4100K 47 - 4700K 50 - 5000K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell WG - Wire Guard

TECH-D LED Lighting

Energy-efficient lighting fixtures to meet everyday demands in commercial, industrial and residential markets.

Introduction

The latest advances in lighting technology have evolved into what is now a powerful and practical source of light called, LED or light emitting diode. LEDs are replacing conventional lighting sources with greater lumen output, color rendering, and efficacy for applications spanning from indoor to outdoor applications. This light source boasts many benefits such as long life, energy efficiency, and low heat production.





LED: Operating Principle

Once an LED unit is activated, a power supply converts AC voltage into sufficient DC voltage, which is applied across the diode semiconductor crystal. This results in electrons (negative charge carriers [N]) in the diode's electron transport layer and holes (positive charge carriers [P]) in the diode's hole transport layer combining at the P-N junction and converting their excess energy into light. The LED is sealed in a clear or diffuse plastic lens that can provide a range of angular distributions of the light.

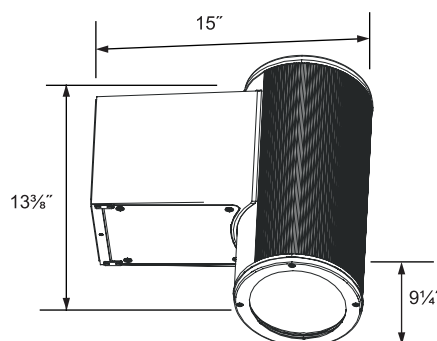
Environmental Benefits

LEDs provide great environmental benefits. LEDs are four times more efficient than regular incandescent lights and last ten times longer. They use between 50 and 80 percent less energy than incandescent lights. By switching, LEDs contain no filament and will keep sulfur oxide and nuclear wastes out of the atmosphere. Also, LEDs contain no mercury, a harmful pollutant that is often found in HID and fluorescent lamps. In addition, LEDs are fully recyclable. They can be taken to standard recycling centers and disposed of without any special considerations for hazardous materials.

Overall, LEDs provide a great deal of advantages. LEDs provide great energy efficiency, long life, range of colors, no UV emissions, durability, and design flexibility.



LED Directional Wall Luminaire



USE OF PRODUCT

The intended use of this product is as a wall wash luminaire, walkways, parking lots, and pathway lighting.



FEATURES

HOUSING

Rugged one piece extruded aluminum housing with precision die cast ballast housing. Three captive, tamper resistant, stainless steel screws secure the faceplate to the housing.

FINISH

Weather resistant, matt-finish powdercoat process for advanced protection in severe environments over a precise chromate conversion coating. Available in standard dark polyester bronze finish or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector with clear tempered glass lens to provide impact resistance. Lens is sealed by a one-piece silicon gasket, which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

MOUNTING

Luminaire may be mounted over a 4" recessed outlet box and includes two hands free easy to hang wall mounting brackets.

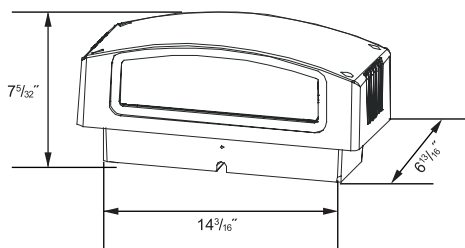
LISTINGS/COMPLIANCE

- UL or ETL listed- Suitable for wet locations.
- Meets Dark Sky Compliant standards when fixture is in a down position.

ORDERING INFO

T218					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	7 - 7.5W/562 15 - 15W/1125 30 - 30W/2250 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze BL - Black WH - White CX - Custom	DM - Dimmable

LED Slim Wall Sconce



USE OF PRODUCT

The intended use of this product is for wall wash luminaries and for hallways.

FEATURES

HOUSING

Rugged die cast aluminum housing.

FINISH

Matt finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum reflector includes removable baffle to convert fixture from a downlight to an Uplight/Downlight. Clear tempered glass lens to provide impact resistance with a tempered glass diffuser. Lens is sealed by a one- piece silicon gasket which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

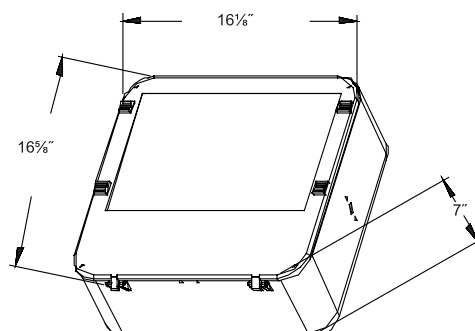
- UL or ETL listed-Suitable for wet locations.
- CSA listed: Suitable for wet locations.

ORDERING INFO

T228					
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Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	30 - 30W/2250 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell BI - Bi Level SI - Shield Internal

16" LED Flood Light



**DARK SKY
COMPLIANT**

USE OF PRODUCT

The intended use of this product is for general area lighting, parking lots, and pedestrian pathways.

FEATURES

HOUSING

Rugged die cast aluminum housing with hinged front frame. Conduit accessible on four sides with photocell adaptable for easy installation.

FINISH

Textured architectural bronze powdercoat finish over a precise chromate conversion coating. Available in standard dark polyester bronze finish. Consult factory for custom architectural finishes.

OPTICS

Specular anodized aluminum reflector with clear tempered glass lens to provide impact resistance. Lens is sealed by a one-piece silicon gasket, which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

- UL or ETL listed-Suitable for wet locations.
- Dark Sky Compliant when in 90° full cut off position with Type IV or Type V IES patterns.

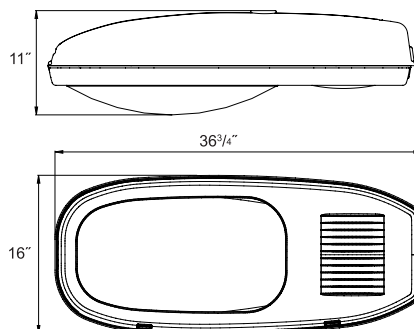
ACCESSORIES

Mounting, slip fitters, arm mounts, or trunnion available upon request.

ORDERING INFO

T306						
Series	Watts/Lumens	Voltage	Color Temp.	Mounting	Finish	Options
T-Series LED	60 - 60W/4500 75 - 75W/5625 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	YM - Yoke Mount SF - 2 3/8" Slip Fitter AM - Arm Mount	BZ - Bronze BL - Black WH - White CX - Custom	DM - Dimmable

Sigma LED Cobra Head



USE OF PRODUCT

The intended use of this product is ideal for highways, streets, parking lots, public entrances, and other commercial or residential applications.



ORDERING INFO

T320

Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	60 - 60W/4500 90 - 90W/6750 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze GY - Gray WH - White CX - Custom	PC - Photocell BI - Bi Level

FEATURES

HOUSING

Rugged die cast aluminum housing. Hinged front frame with stainless steel tool-less clips and internal ballast tray.

FINISH

Standard matt-finished, architectural gray powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

White aluminum reflector is designed for maximum photometric efficiency and optimum light distribution. Molded sag glass lens provides impact resistance. Lens sealed by a one-piece silicon gasket which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

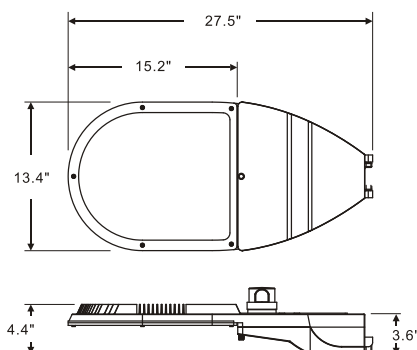
- UL or ETL Listed-Suitable for wet locations.

ACCESSORIES

Dusk to dawn with twist lock photo control for easy maintenance.



Arcus LED Cobra Head



USE OF PRODUCT

Use of Product: the intended use of this product is ideal for highways, streets, parking lots, public entrances, and other commercial or residential applications.

FEATURES

HOUSING

Rugged die cast aluminum housing. Hinged front frame with stainless steel tool-less clips and internal ballast tray.

FINISH

Standard matt-finished, architectural powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

White aluminum reflector is designed for maximum photometric efficiency and optimum light distribution. Flat glass lens provides impact resistance. Lens sealed by a one- piece silicon gasket which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

• UL or ETL Listed-Suitable for wet locations.

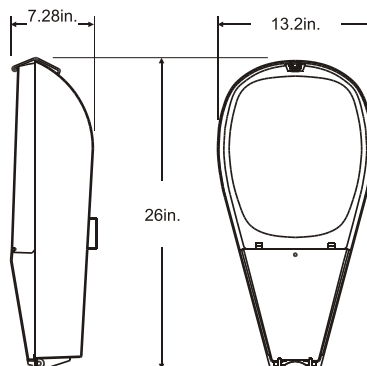
ACCESSORIES

Dusk to dawn with twist lock photo control for easy maintenance.

ORDERING INFO

T321					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	80 - 80W/6000 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze GY - Gray WH - White CX - Custom	PC - Photocell BI - Bi Level

Suro LED Cobra Head



USE OF PRODUCT

The intended use of this product is ideal for highways, streets, parking lots, public entrances, and other commercial or residential applications.

FEATURES

HOUSING

Rugged die cast aluminum housing. Hinged front frame with stainless steel tool-less clips and internal ballast tray.

FINISH

Standard matt-finished, architectural gray powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

White aluminum reflector is designed for maximum photometric efficiency and optimum light distribution. Flat Glass lens provides impact resistance. Lens sealed by a one- piece silicon gasket which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

UL or ETL Listed-Suitable for wet locations

ACCESSORIES

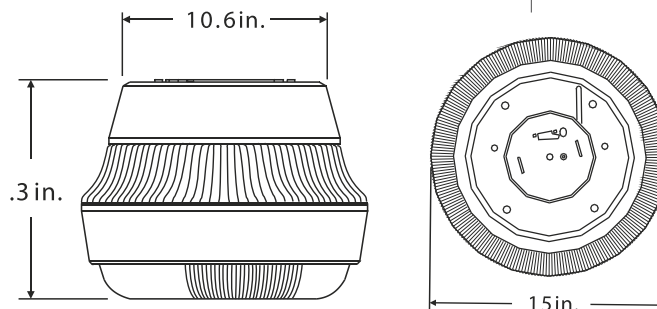
Dusk to dawn with twist lock photo control for easy maintenance.

ORDERING INFO

T323

Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	50 - 50W/3750 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze GY - Gray WH - White CX - Custom	PC - Photocell BI - Bi Level

Direct/Indirect LED Parking Garage Luminaire



USE OF PRODUCT

The intended use of this product is for garages, parking areas, walkways, entrances, underpasses, loading docks, or recreation areas.

FEATURES

HOUSING

Rugged die cast aluminum housing.

FINISH

Matt-finish, architectural white powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

One piece anodized aluminum designed reflector for optimal light efficiency with high impact UV polycarbonate lens. Lens is sealed by a one-piece silicon gasket which prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

LISTINGS/COMPLIANCE

- UL or ETL Listed- Suitable for wet locations.
- CSA listed: Suitable for wet locations.

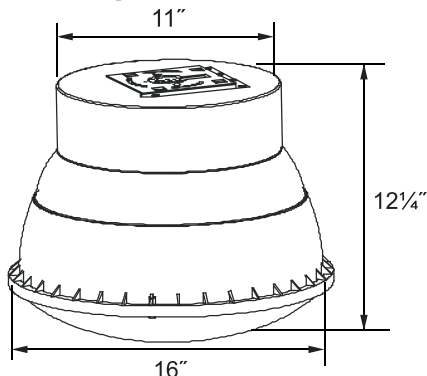
ACCESSORIES

Wire guard available upon request.

ORDERING INFO

T732					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	45 - 45W/3375 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze WH - White CX - Custom	POL - Polycarbonate Lens PC - Photocell WG - Wire Guard

Deluxe LED Garage Luminaire



USE OF PRODUCT

The intended use of this product is for garages, parking areas, walkways, entrances, underpasses, loading docks, or recreation areas.

FEATURES

HOUSING

Rugged round die cast aluminum ballast housing with galvanized steel mounting plate.

FINISH

Matt-finish, architectural gray powdercoat over a precise chromate conversion coating. Consult factory for custom architectural finishes.

OPTICS

- Two piece aluminum reflector with clear polycarbonate prismatic optical refractor. One- piece silicon gasket to prohibit entrance of outside contaminants.
- Hinged drop lens for easy relamping.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

MOUNTING

Easy to hang bracket fits standard 4" electrical box for convenient installation. Available in pendant or quick mount.

LISTINGS/COMPLIANCE

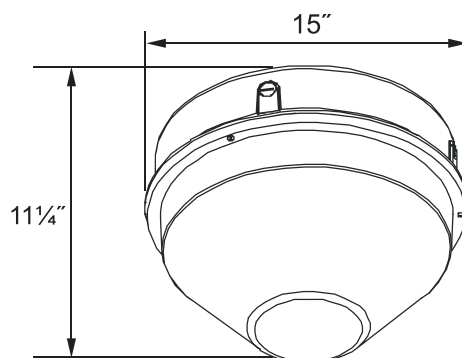
- UL or ETL Listed- Suitable for wet locations.

ORDERING INFO

T733					
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Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	15 - 15W/1125 30 - 30W/2250 45 - 45W/3375 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze GY - Gray CX - Custom	WSF - Wired Single Fuse DL - Downlight VR - Vandal Resistant WG - Wire Guard

15" Conical LED Luminaire



USE OF PRODUCT

The intended use of this product is for parking areas, entrances, walkways, underpasses, loading docks, or recreation areas.

FEATURES

HOUSING

Rugged round die cast aluminum housing. Coin plugs with O-rings for Conduit and Photocell on sides and back.

FINISH

Matt-finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum with white powdercoat steel reflector. Extended clear prismatic polycarbonate lens with stainless steel screws. Lens is sealed by a one-piece silicon gasket prohibits entrance of outside contamination.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

MOUNTING

Built-in template for mounting to electrical box or use 1/2" surface conduit, downrod.

LISTINGS/COMPLIANCE

- UL or ETL Listed- Suitable for wet locations.
- CSA listed: Suitable for wet locations.

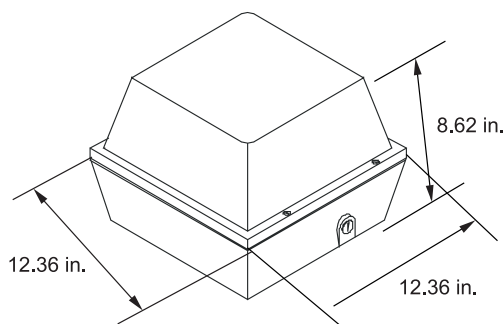
ACCESSORIES

Wire guard available upon request.

ORDERING INFO

T736					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	7 - 7.5W/562	UNI12	2 - 2700K	BZ - Bronze	POL - Polycarbonate Lens
	15 - 15W/1125		3 - 3000K	BL - Black	PC - Photocell
	30 - 30W/2250		4 - 4000K	WH - White	WG - Wire Guard
	45 - 45W/3375		5 - 5100K	CX - Custom	
	OX - Other				

12" x 12" Square LED Luminaire



USE OF PRODUCT

The intended use of this product is parking areas, entrances, walkways, underpasses, loading docks, or recreation areas.

FEATURES

HOUSING

Rugged die cast aluminum housing. 1/2" Coin Plugs with O-rings for Conduit and Photocell on two sides and back.

FINISH

Matt-finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

Anodized aluminum with white powdercoat steel reflector. Polycarbonate lens for increased vandal resistance. Lens is sealed by a one-piece silicon gasket prohibits entrance of outside contamination.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

MOUNTING

Mount directly over a 4" recessed outlet box or use 1/2" surface conduit or quick mount bracket.

LISTINGS/COMPLIANCE

- UL or ETL Listed-Suitable for wet locations.
- CSA listed: Suitable for wet locations.

ACCESSORIES

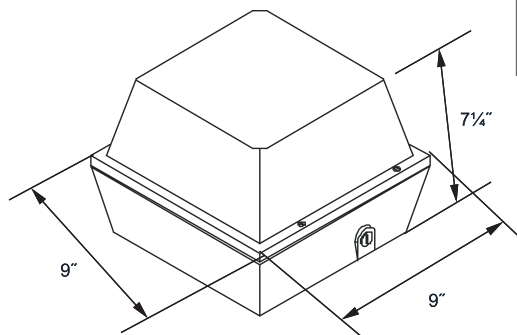
Wire guard available upon request.

ORDERING INFO

T752					
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Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	15 - 15W/1125 30 - 30W/2250 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell BI - Bi Level WSF - Wire Single Fuse WG - Wire Guard

8" x 8" Square LED Luminaire



USE OF PRODUCT

The intended use of this product is parking areas, entrances, walkways, underpasses, loading docks, or recreation areas.

FEATURES

HOUSING

Rugged die cast aluminum housing.

FINISH

Matt-finish, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for custom architectural finishes.

OPTICS

White aluminum reflector is designed for maximum photometric efficiency and optimum light distribution. Polycarbonate lens for increased vandal resistance. One-piece silicon gasket prohibits entrance of outside contaminants.

LED

High output LEDs offer a minimum estimated operating life of 50,000 hours in varying light temperatures.

DRIVER

Durable and long lasting LED drivers operates at 120 thru 277 volts and boast a 90% power factor at 50 to 60 Hz. Driver operation is rated at -40° Celsius.

MOUNTING

Mount directly over a 4" recessed outlet box or use 1/2" surface conduit or quick mount bracket.

LISTINGS/COMPLIANCE

UL or ETL listed- Suitable for wet locations.

ACCESSORIES

Wire guard available upon request.

ORDERING INFO

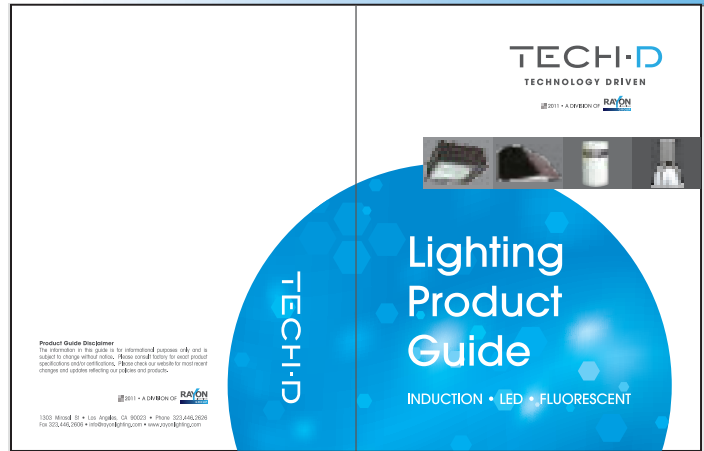
T758					
Series	Watts/Lumens	Voltage	Color Temp.	Finish	Options
T-Series LED	7 - 7.5W/562 OX - Other	UNI12	2 - 2700K 3 - 3000K 4 - 4000K 5 - 5100K	BZ - Bronze BL - Black WH - White CX - Custom	PC - Photocell WSF - Wired Single Fuse BI - Bi Level WG - Wire Guard

TECH-D

WEBSITE

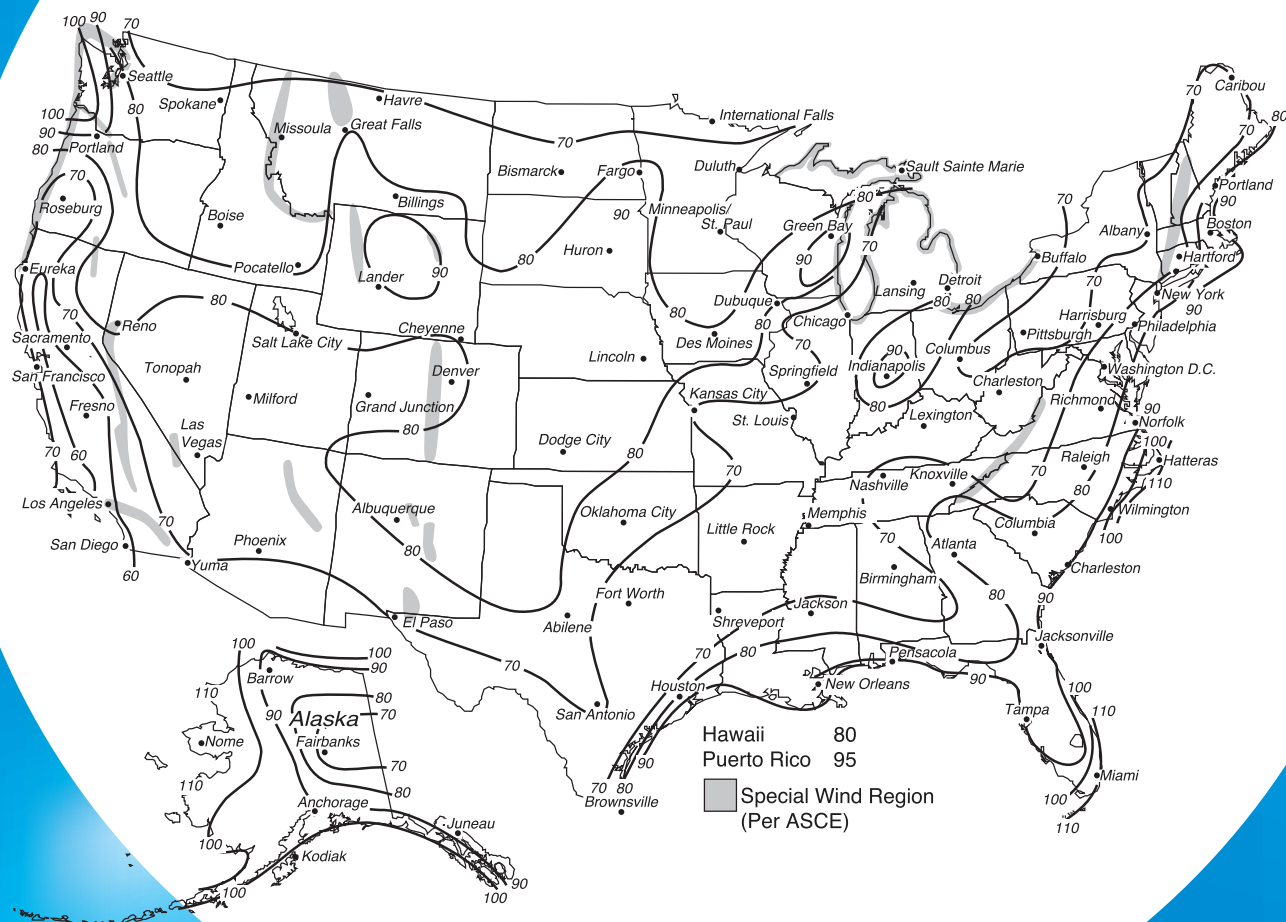


CATALOG



BINDER





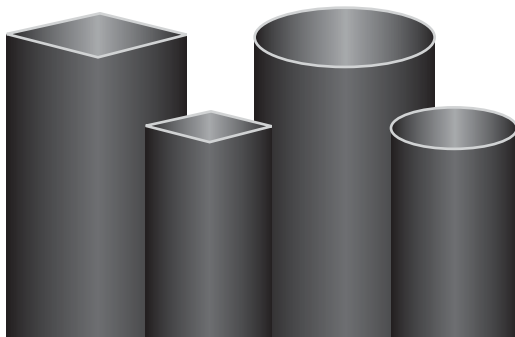
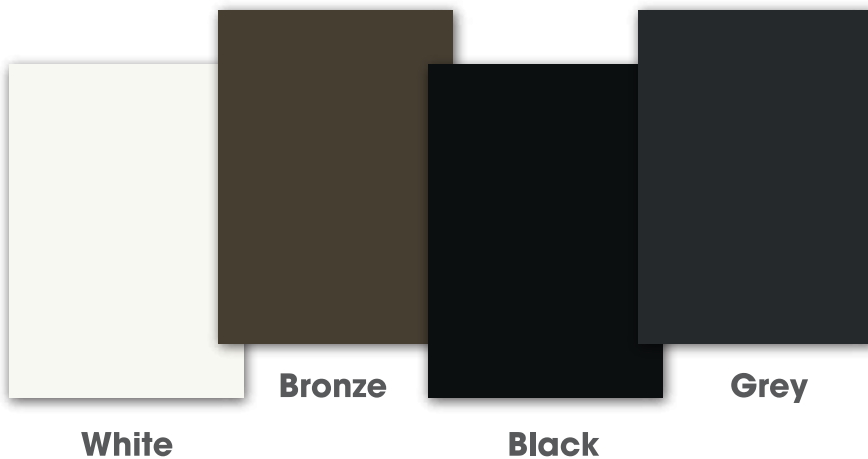
TECH-D North America Wind Map

To aid in the selection of a pole with regard to its geographic location a 50-year mean recurrence wind map is included as a reference. Standards in the lighting industry have been designated to withstand a specific wind/fixture load. Effective Projected Area, or EPA, is the rating assigned to pole-mounted lighting fixture based on the fixture or pole's surface area and shape. The EPA is used to calculate wind loading to determine the proper pole size needed to support a fixture in outdoor applications. However, please note where unusual wind conditions exist, such as mountains, natural terrain acting as funnels, hurricane regions, it is advisable to contact Tech D Lighting for further assistance.

TECH-D Powder Coat Finishes

TECH D's fixtures are offered in the following super durable standard powder coat finishes. These finishes provide for superior gloss and color retention, excellent weather resistance, and optimum corrosion protection. In addition, the finishes have superior chalking resistance, very smooth flow, and excellent edge coverage.

Please consult with factory for exact finishes. The following samples are for reference only and are not exact replications. Please contact us for custom architectural finishes.



4" Round Straight Steel
4" Square Straight Steel
5" Round Straight Steel
5" Square Straight Steel

TECH-1-D

Product Guide Disclaimer

The information in this guide is for informational purposes only and is subject to change without notice. Please consult factory for exact product specifications and/or certifications. Please check our website for most recent changes and updates reflecting our policies and products.



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