



TECHBRITE™

Saving energy in the best possible LIGHT™

www.techbrite.com 800.246.9977 Cincinnati, Ohio



Complete Fixtures

Lower Energy Costs and a Brighter Future

For over twenty years TechBrite has been providing customers throughout the country with cost-effective lighting solutions. Based in Cincinnati, Ohio, the TechBrite team is committed to improving the environment, one light fixture at a time. Using only premium materials and following the highest assembly standards, new energy efficient fixtures and TechBrite RetroFit Kits are saving customers as much as 50% or more on lighting energy costs from the moment they are installed.



High Bays

TechBrite High Bays are designed for ultimate efficiency, simple and fast installation, and maintaining industry leading light distribution. They are also completely customizable.



VaporBrites

The VaporBrite fixtures utilize a weatherproof enclosure allowing for installation in the toughest environments. Popular applications include parking garages, traffic tunnels and areas subjected to large amounts of water such as coolers and car washes. Available in two widths providing a solution for just about any environment.



Office Fixtures

A variety of office fixtures with a plethora of options so you can have the perfect lighting layout for even the most complex office buildings.



Retrofit Kits

TechBrite offers a variety of RetroFit Kits that provide both improved energy efficiency and superior lighting to existing fixtures. Save time and waste with a variety of RetroFit Kits for troffers and strip fixtures.



Strip Fixtures

The classic solution for warehouses and industrial locations. TechBrite offers a variety of configurations including white and Miro 4 reflectors with T5 or T8 lamps and ballasts. Strip fixtures are available in 4' or 8' lengths. Customize the strip fixture with occupancy sensors and a variety of hanging options.

A Green Investment that Pays for Itself

A TechBrite lighting solution is an energy efficient, cost-effective investment in your people and your facility that pays you back in less than two years.

Made in the USA

TechBrite products are proudly engineered, developed, manufactured and assembled in the U.S.A.



TECHBRITE™

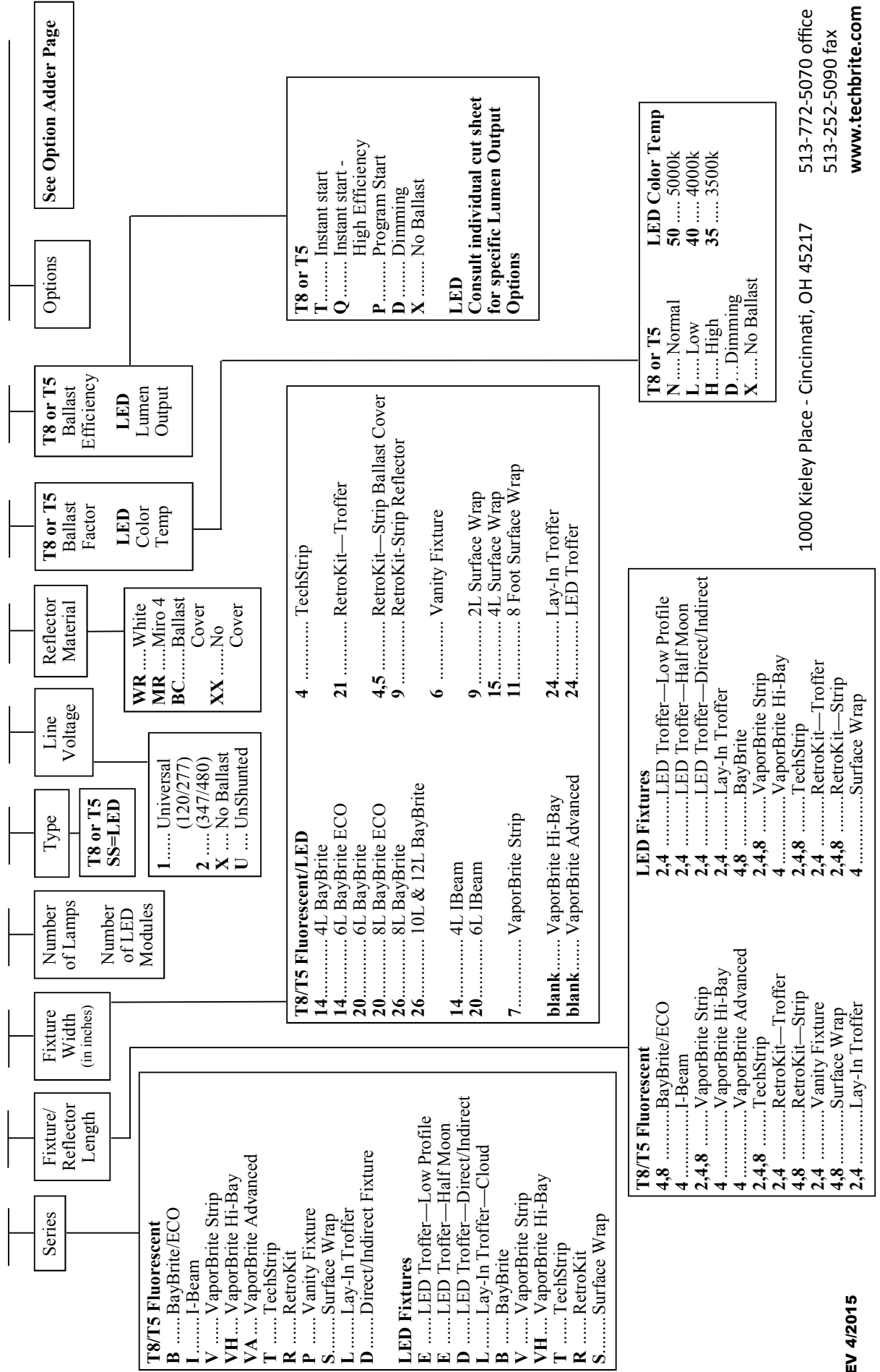


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Ordering Guide



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 www.techbrite.com

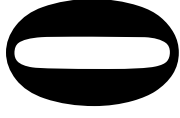
Accessories Guide - Fluorescent and LED



Digit 1

- 0 ... Standard
- 1 ... Door & Lens, Installed
- 2 ... Wire Guard, Installed
- W ... Wire Guard, Not Installed
- 3 ... Door, Lens & Wire Guard Installed
- S ... VaporBrite 4' Stainless Latches
- S ... VaporBrite 8' Stainless Latches
- A ... VaporBrite Ceiling Mount System
- C ... 2x2 Troffer Cloud Lens
- C ... 2x4 Troffer Cloud Lens
- E ... High Bay Wire Guard Installed & Pendant Hub
- G ... 2x4 Troffer 32 Cell Parabolic Louver
- 4 ... 2x2/2x4 Troffer Clear Lens
- F ... 2x2 Troffer 16 Cell Parabolic Louver-Only for Troffer
- F ... Frosted Lens Installed for HighBay Fixture Only
- 5 ... Strip Reflector WireGuard (per 4" section)
- 6 ... Ballast Cover WireGuard (per 4" section)
- 7 ... 2x4 Replacement Prismatic Lens
- 8 ... 2x4 Replacement Prismatic Lens
- 9 ... Wire Guard and Frosted Lens
- H ... 2x4 Troffer 12 Cell Parabolic Louver

- 0 No Lamps (Fluorescent) or Standard (LED)
- 1 850 Lamp, High Lumen CEE Approved
- 2 841 Lamp, High Lumen CEE Approved
- 3 835 Lamp, High Lumen CEE Approved
- 5 865 Lamp
- C 850 Lamp
- D 841 Lamp
- E 835 Lamp
- F 28 Watt 4100K Lamp
- G 28 Watt 5000K Lamp
- H Shatter Resistant Coated Lamps: GE 4100K
- J Shatter Resistant Coated Lamps: GE 5000K



Digit 2

- 0 Standard
- 1 6' 16/3 SOOW Cord
- A 6' 16/3 SOOW Cord & 5-15 Straight Plug
- B 6' 16/3 SOOW Cord & L5-15 Plug
- 2 6' 16/3 SOOW Cord & L6-15 Plug
- 3 6' 16/3 SOOW Cord & L7-15 Plug
- Q 6' 16/3 SOOW Cord & L7-20 Plug
- H 8' 16/3 SOOW Cord
- I 8' 16/3 SOOW Cord & 5-15 Straight Plug
- J 8' 16/3 SOOW Cord & L5-15 Plug
- K 8' 16/3 SOOW Cord & L7-15 Plug
- 4 10' 16/3 SOOW Cord
- R 10' 16/3 SOOW Cord & 5-15 Straight Plug
- E 10' 16/3 SOOW & L5-15 Plug
- D 10' 16/3 SOOW & L7-15 Plug
- C 10' 16/3 SOOW & L7-20 Plug
- L 10' 16/3 SOOW & L8-20 Plug
- T 15' 16/3 SOOW Cord
- V 15' 16/3 SOOW Cord & L5-15 Plug
- Y 15' 16/3 SOOW Cord & 5-15 Straight Plug
- 5 6' 14/3 SOOW Cord
- 6 6' 14/3 SOOW Cord & L5-15 Plug
- 7 6' 14/3 SOOW Cord & L7-15 Plug
- 8 10' 14/3 SOOW Cord
- F 10' 14/3 SOOW Cord & L5-15 Plug
- G 10' 14/3 SOOW Cord & L7-15 Plug
- M 6' 16/3 MC Cord
- N 6' 14/3 MC Cord
- P Retro Kit Only Prewire (Strip)
- P Retro Kit Only Prewire (Troffer)



Digit 3

- 0 Standard
- 1 (2) 10' Y Grippers
- 2 Occupancy Sensor, 120/277 Installed-T5/T8
- 4 Occupancy Sensor, 480V Installed-T5/T8
- 5 Sensor #2 Installed & 5' Y Toggle Grippers
- 6 10' Gripper and Occupancy Sensor
- 7 Sensor #4 Installed & 5' Y Toggle Grippers
- 8 5' Y Toggle Grippers
- 9 Occupancy Sensor 120/277, Not Installed-T5/T8
- A Occupancy Sensor 480V, Not Installed -T5/T8
- B Pendant Mounting Hub & Plate, Installed (1)
- C (2) Fixture Hooks For Chain Hanging, Small (Strip Fixture, BayBrite, BayBrite Eco)
- D (2) Fixture Hook For Chain Hanging, Large (VaporBrite High Bay)
- F Occupancy Sensor 120/177 With PhotoCell Installed
- G Jack Chain Hanging Kit: S-Hooks, Chain and 2 Fixture Hooks For 1 Fixture
- H Jack Chain Hanging Kit: S-Hooks, Chain and 2 Fixture Hooks For 1 Fixture—Stainless Steel
- J Occupancy Sensor #2 & Pendant Mount
- K VaporBrite Jack Chain Hanging Kit: S Hooks, Chain and 2 Hooks for 1 Fixture
- L Adder K (VaporBrite Jack Chain Kit) & Adder 2 (Occ Sensor)
- N Jack Chain and Safety Strap hanging kit
- Y Wet Location/Outdoor Sensor

LED FIXTURES

LED Retro—Troffer



Applications

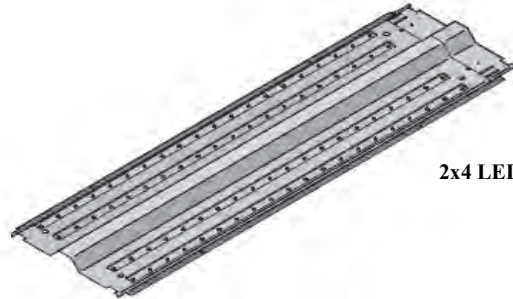
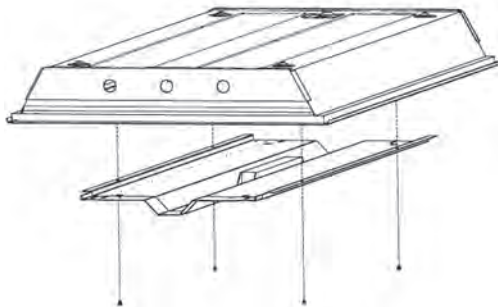
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

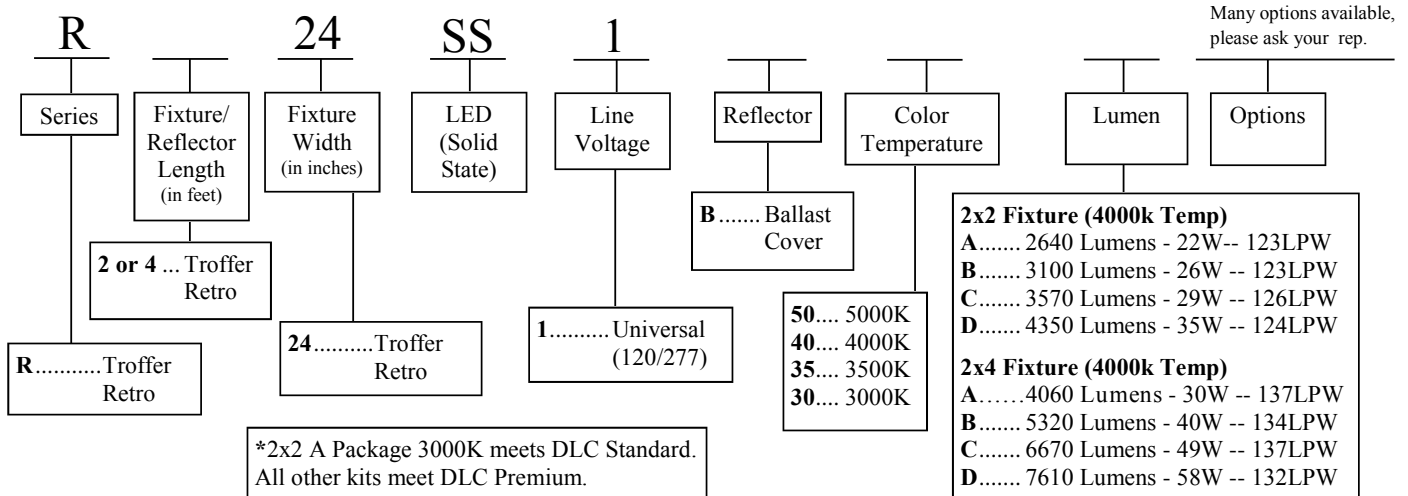


Proudly made in the U.S.A

- LED boards and drivers installed directly to retro kit at factory
- Available in 2x2 & 2x4
- 0-10v Dimming
- Kit includes: LED Boards, LED Driver, mounting screws
- Lumen Packages Exceeding 140LPW
- Integrated Sensor Available for Maximum Controllability
- TM-21 - 140,000 Hours at L85



2x4 LED Retro



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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

LED Retro—Strip

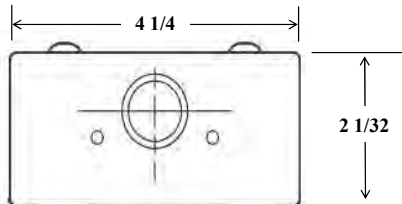


Applications

- Warehouses
- Industrial
- Garages
- Retail

Accessories

- Sensor
- Hanger Chain/Cable

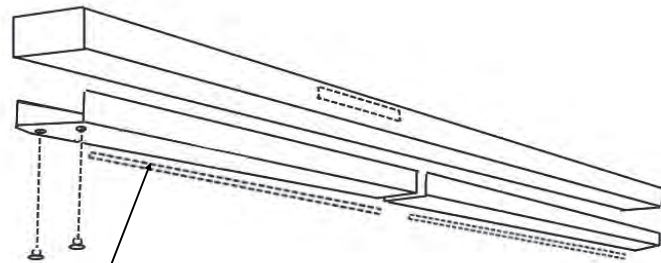


Features



Proudly made in the U.S.A

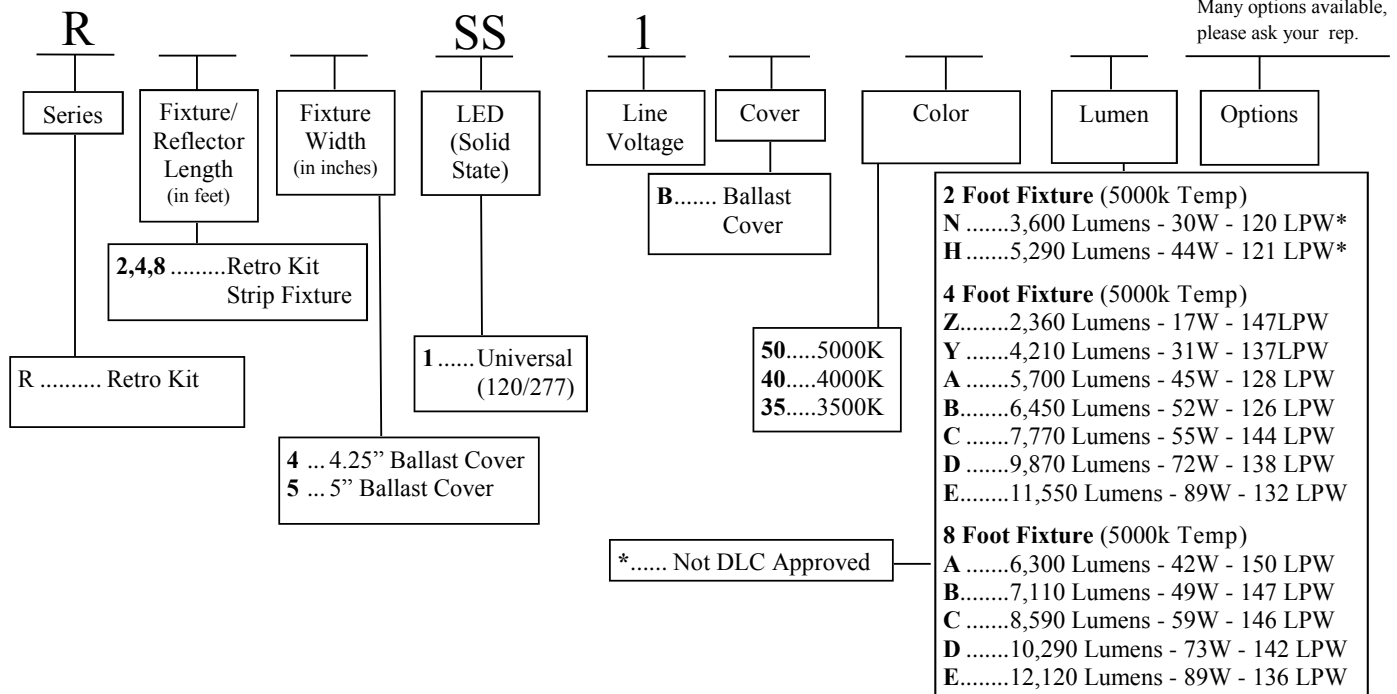
- Retrofit most strip channels
- Tool-less channel cover for easy installation
- Perfect for continuous row mounting
- Energy & operational savings.
- Available in 2', 4', 8'



LED Boards are factory installed to Ballast Cover

Field install LED Driver to existing channel

8' Strip Fixture



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Center Basket Retro-Troffer



Applications

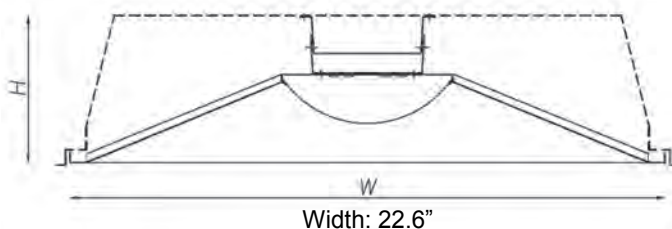
- Existing Troffers
- Existing Parabolics
- Universities
- Government
- Hospitals

Features

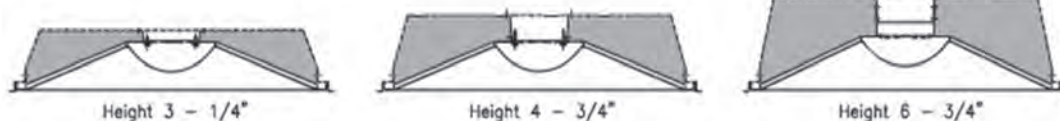


Proudly made in the U.S.A

- One Kit Fits All*
- Architectural Styled Retrofit Kit
- Easy 3 Step Process
- Options to retrofit existing prismatic or parabolic fixtures
- 0-10v Dimming Standard
- Available in 2x2 and 2x4
- Calculated L70 @ 85,000 hours



*Kit includes three channels to fit most troffer depths:



Many options available,

CR	24	2	SS	1	B				
Series	Fixture/ Reflector Length (in feet)	Fixture Width (in inches)	Number of LED	LED (Solid State)	Line Voltage	Reflector	Color Temperature	Lumens	Options
CR.. Center Basket Retro Troffer	2 or 4...Center Basket Retro Troffer	2..... 2x2 Fixture 2..... 2x4 Fixture	1..... Universal (120/277)	B..... Ballast Cover	5.....5000K 4.....4000K 3.....3500K				
	24.....Center Basket Retro Troffer			*DLC Approved					

2x2 Fixture (4000k Temp)
A3330 Lumens - 28W - 120LPW*
B3770 Lumens - 34W - 113LPW*
C4490 Lumens - 43W - 106LPW*
D5290 Lumens - 52W - 101LPW*

2x4 Fixture (4000k Temp)
A3890 Lumens - 32W - 123LPW*
B4310 Lumens - 36W - 119LPW*
C4920 Lumens - 43W - 114LPW*
D5750 Lumens - 52W - 110LPW*

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Center Basket Troffer Eco



Features

- Standard Troffer Mounting
- 5 Year Warranty
- Calculated L70 @ 131,000 hours
- IC Rated

Applications

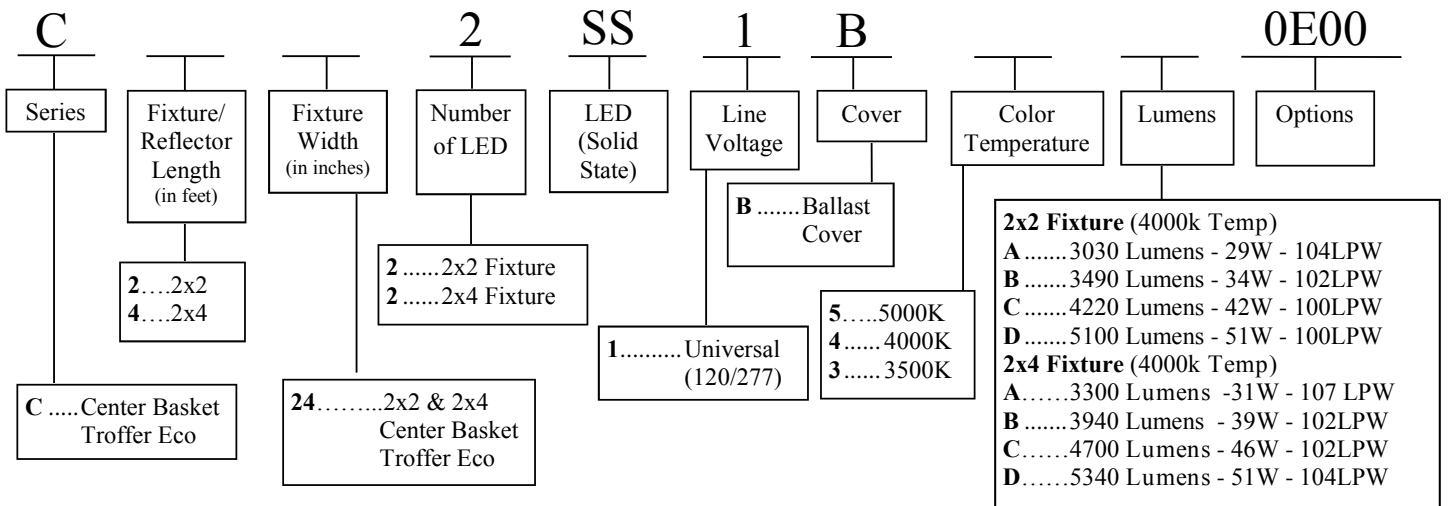
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features



Proudly made in the U.S.A

- Distinctive Center Lensed Troffer
- Low Glare, Balanced Light Output
- Lower Profile Ideal for New Construction or Renovation
- 0-10V Dimming



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Troffer LED—Cloud Lens



Applications

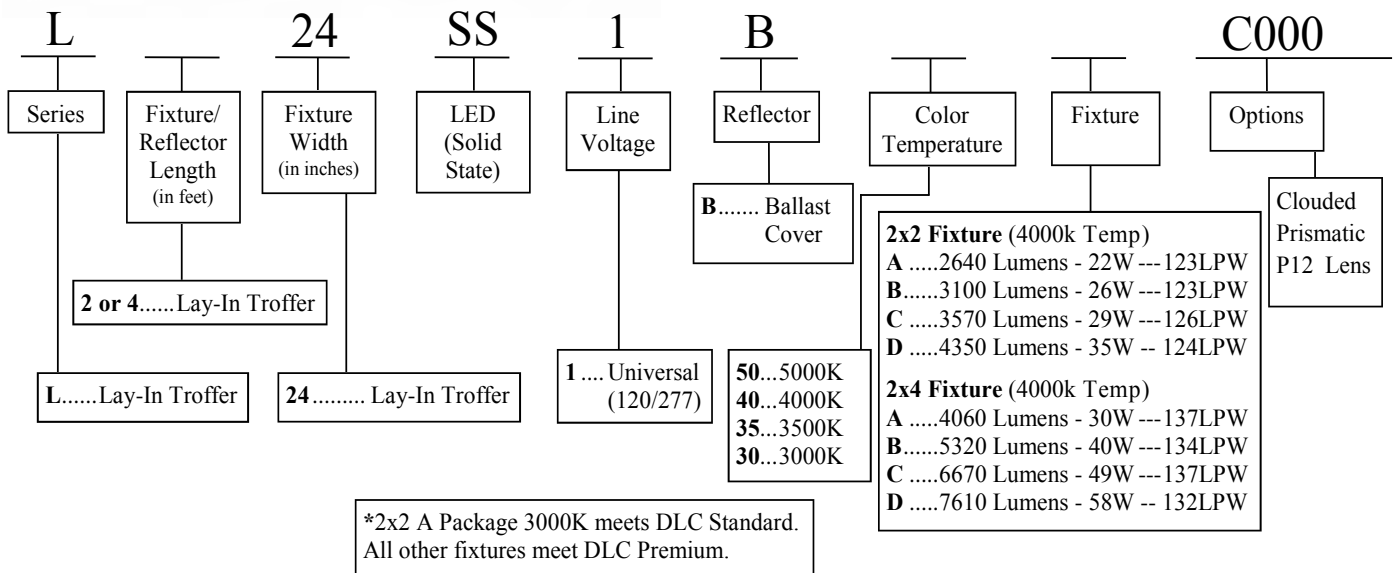
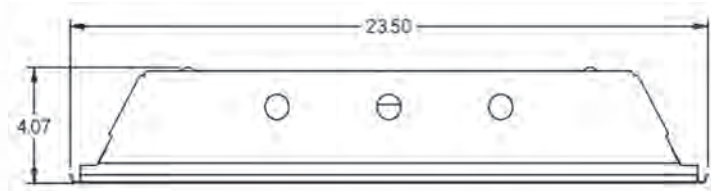
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features



Proudly made in the U.S.A

- Clouded Standard P12 Prismatic Lens
- Lower Glare than Traditional P12 Prismatic Lens
- 0-10v Dimming
- Integral Hurricane Clips
- Lumen Packages Exceeding 140LPW
- Integrated Sensor Available for Maximum Controllability
- TM-21 - 140,000 Hours at L85



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Troffer LED—Frost Lens



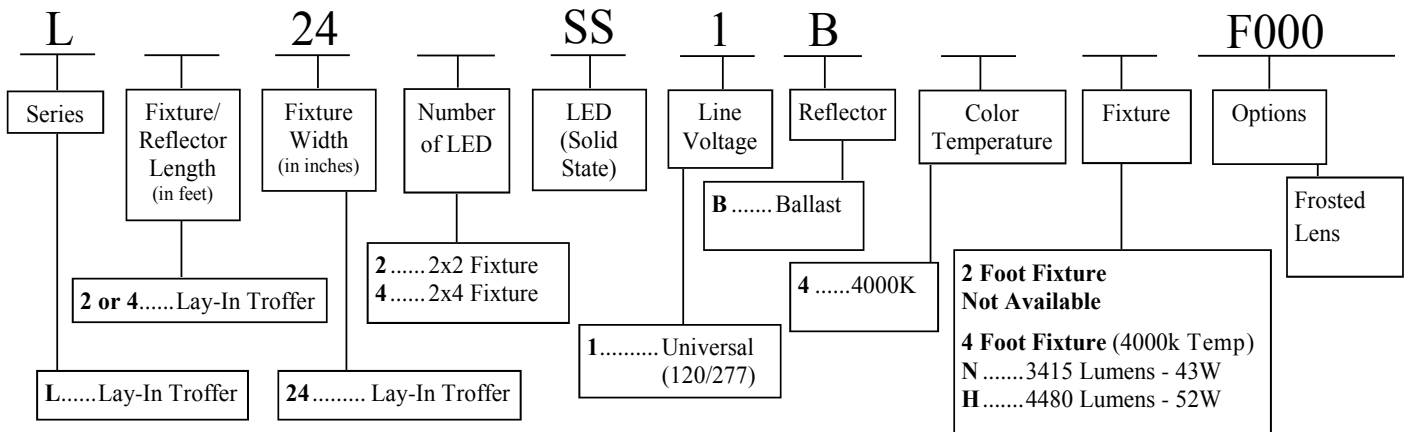
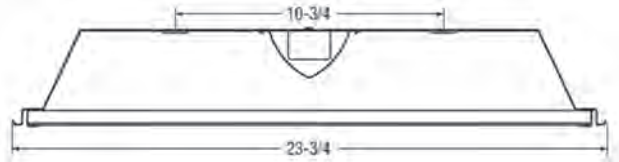
Proudly made in the U.S.A

Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

- Frosted Lens
- Lower Glare than Traditional P12 Prismatic Lens
- 0-10 V Dimming Available
- Housing and Lamp Compartment Fully Recessed
- Standard Troffer Mounting



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LED Troffer—Low Profile



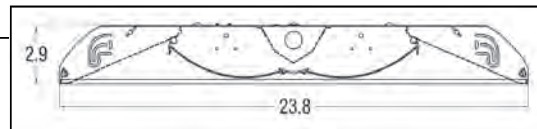
Proudly made in the U.S.A

Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

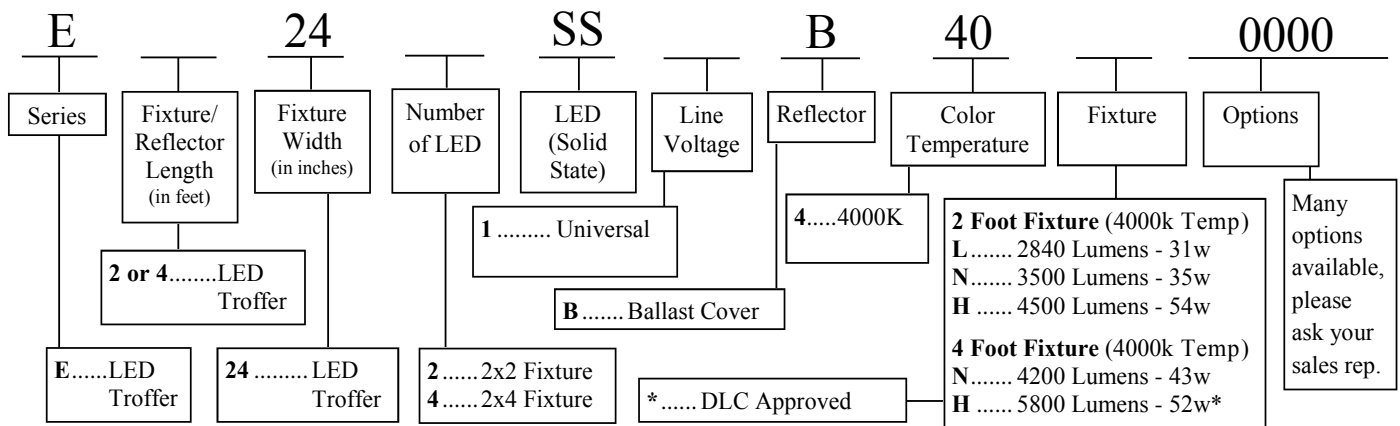
Features

- Low Profile LED Troffer Available in 2x2 and 2x4
- 0-10V Dimming Available
- Drivers and Boards Rated 5Year/50,000 hours
- Lumen Options Available in Low, Normal, High Output
- Low Profile—Ideal for Limited Access Environments



Low Profile Design

Contemporary Look to Blend with a Variety of Commercial Spaces



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Troffer LED-Half Moon Lens



Applications

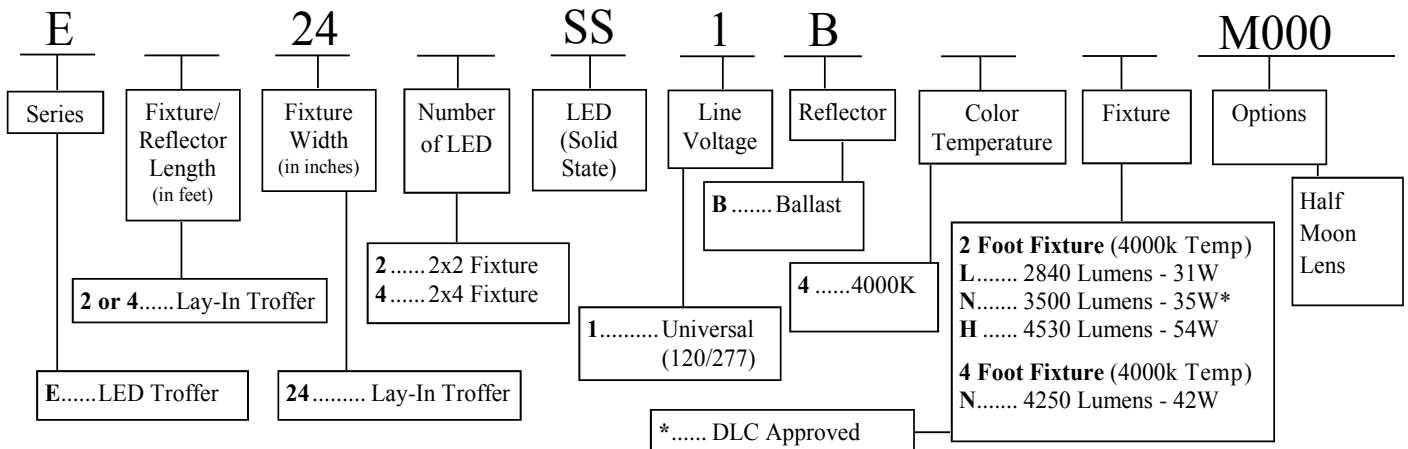
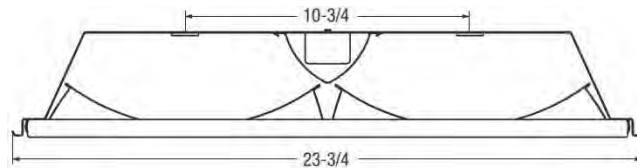
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features



Proudly made in the U.S.A

- Half-Moon Center Divided Lens
- Low Glare
- 0-10 V Dimming Available
- Housing and Lamp Compartment Fully Recessed
- Standard Troffer Mounting



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Direct/Indirect Troffer-DB



Applications

- Office
- Schools
- Universities
- Fitness Rooms

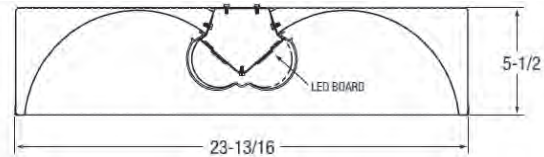
Features



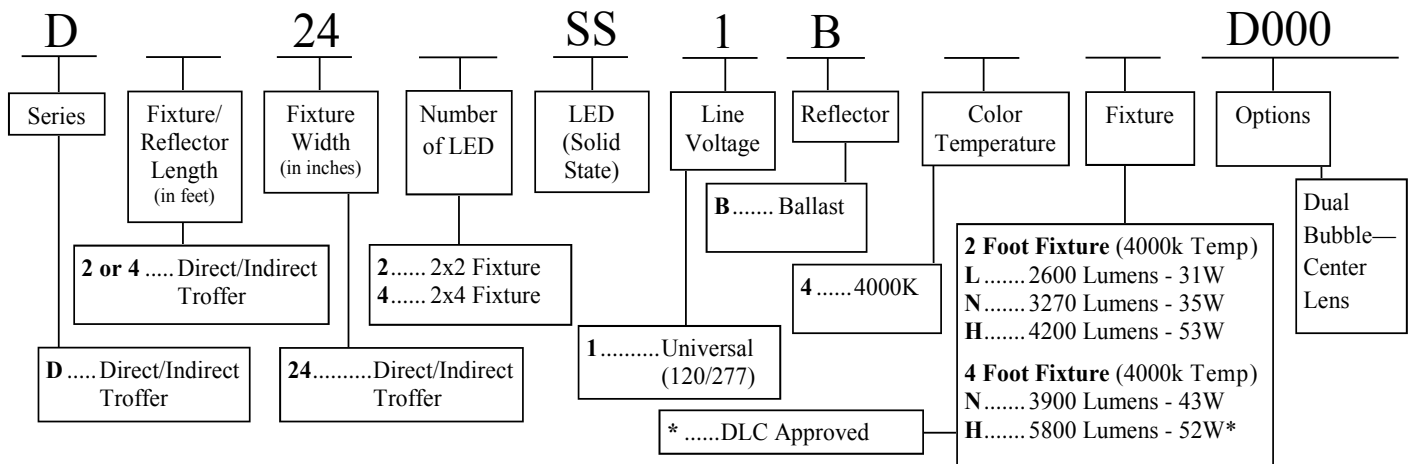
Proudly made in the U.S.A

- Center Dual Bubble Basket Direct/Indirect Fixture
- Low Glare Light
- 0-10 V Dimming Available
- Housing and Lamp Compartment Fully Recessed

- Standard Troffer Mounting



Contemporary Look to Blend with a Variety of Commercial



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Troffer LED—V Partition



Applications

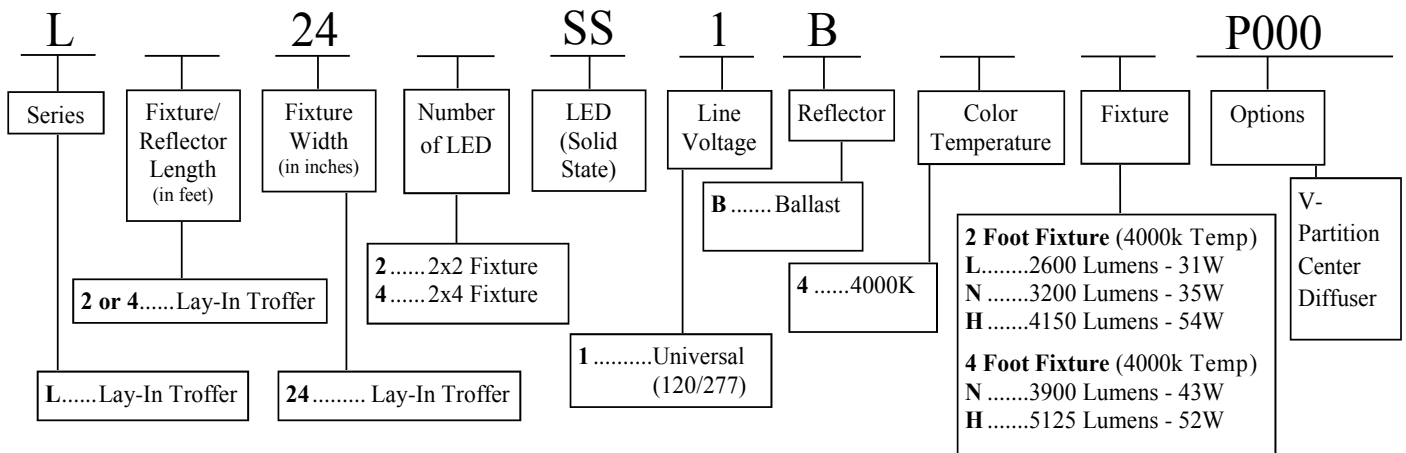
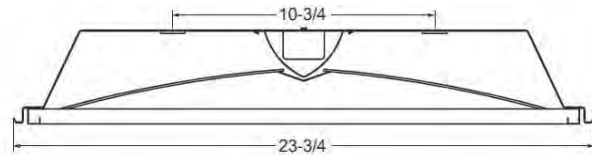
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

- V-Partition Center Diffuser
- Low Glare
- 0-10 V Dimming Available
- Housing and Lamp Compartment Fully Recessed
- Standard Troffer Mounting



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LED Flat Panel

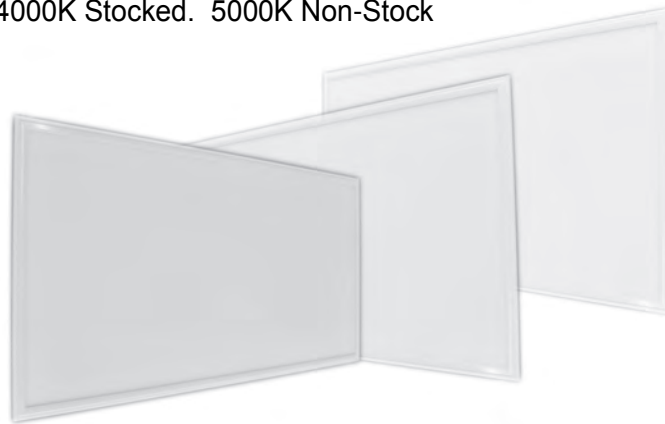


Features

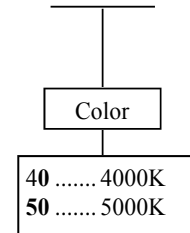
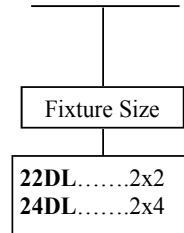
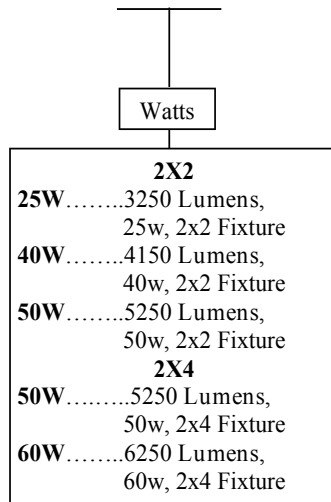
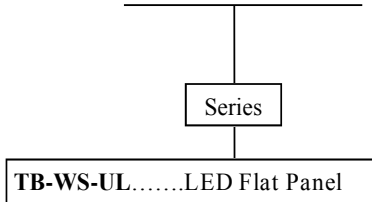
- 50,000 hour rated life
- 5 Year Warranty
- 0-10v Dimming Available
- 120/277v
- Aluminum Body
- Operating temperature -40° to 122° F
- CRI >80
- Angle Beam 160°
- Available in 2x2 or 2x4

Mounting Options

- Grid Ceiling Mount
- Surface Mount Kit
- Cable Kit for Suspending
- Drywall Flange Kit
- Sleek Design



TB-WS-UL



MOUNTING KIT PART NUMBER	DESCRIPTION
HANGING KIT 2X2 & CORD	2X2 CABLE MOUNT KIT & 6FT CORD
HANGING KIT 2X4 & CORD	2X4 CABLE MOUNT KIT & 6FT CORD
SURFACE MOUNT FRAME E 2X2	2X2 SURFACE MOUNT KIT
SURFACE MOUNT FRAME 2X4	2X4 SURFACE MOUNT KIT
DGA22	2X2 DRYWALL ADAPTER KIT
DGA24	2X4 DRYWALL ADAPTER KIT

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BayBrite Hi-Bay—LED



Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair

Accessories

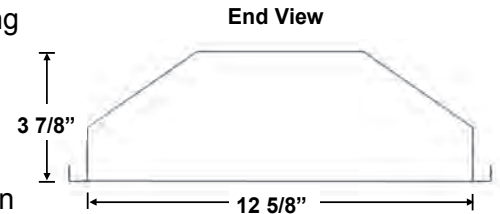
- Occupancy Sensor
- Wire Guard
- Door & Lens
- Hangers

Features

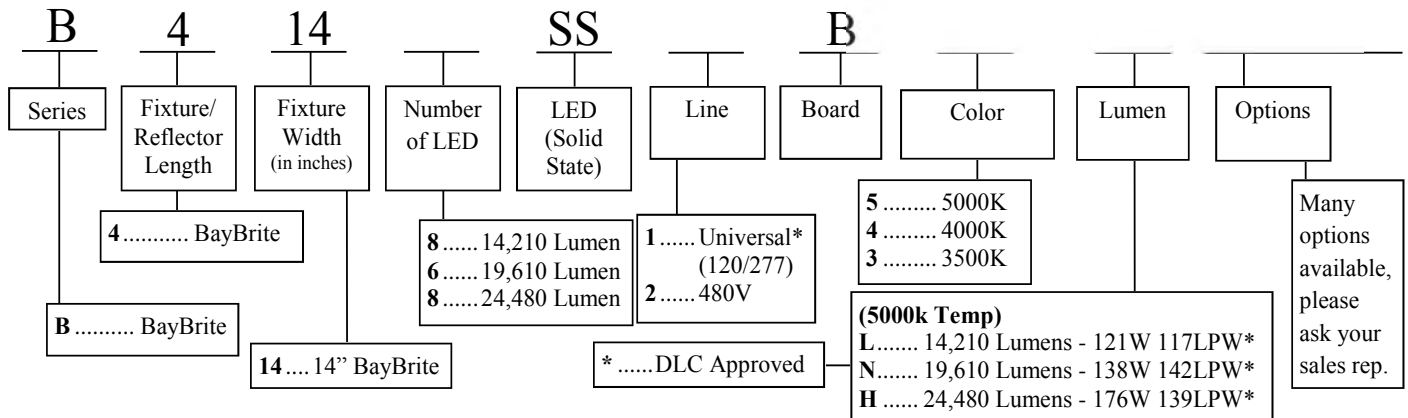


Proudly made in the U.S.A

- Swing away door assembly for simple wiring access
- Fully enclosed fixture
- Heavy gauge construction
- Min/Max Ambient Temp (°F) -4°F/120°F
- Driver standard with 0-10v dimming
- Calculated TM-21 Hours - 110,000 at L85



Available with Emergency Backup



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TECHBRITE™
Saving energy in the best possible LIGHT

Express Bay Hi-Bay—LED

Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair

Accessories

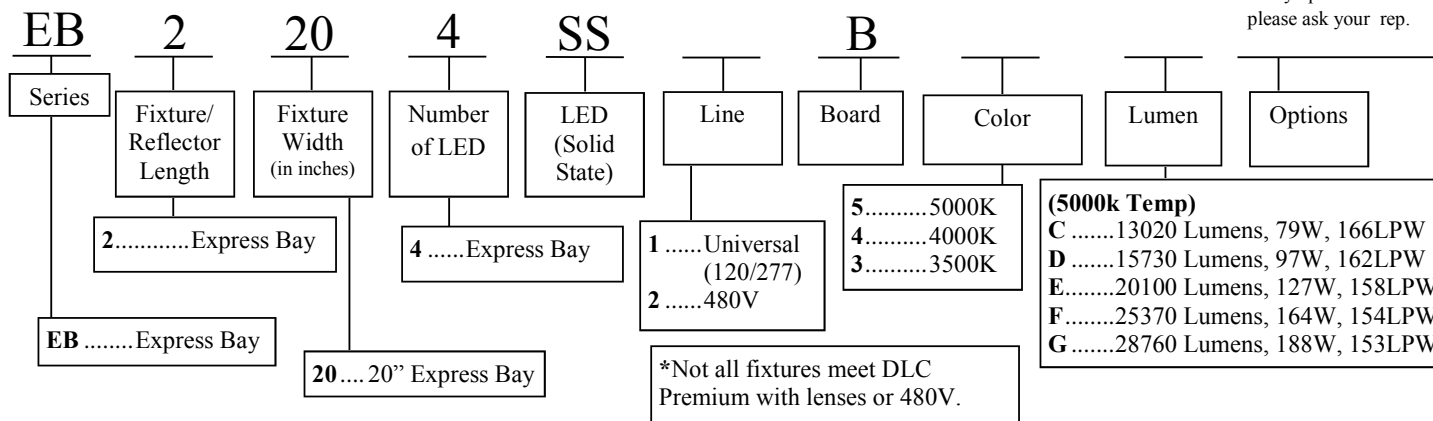
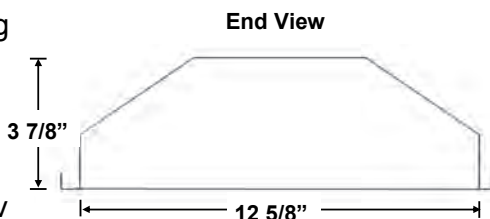
- Occupancy Sensor
- Wire Guard
- Door & Lens
- Hangers

Features



Proudly made in the U.S.A

- Swing away door assembly for simple wiring access
- Fully enclosed fixture
- Driver standard with 0-10v dimming
- Easy to install 2 foot design
- 120/277 Calculated TM-21 Hours - 110,000 at L70
- 347/480 Calculated TM-21 Hours - 95,000 at L70



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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.



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Narrow Bay Hi-Bay—LED

Applications

- Ideal replacements for traditional Retail fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting

Accessories

- Occupancy Sensor
- Wire Guard
- Lens
- Hangers

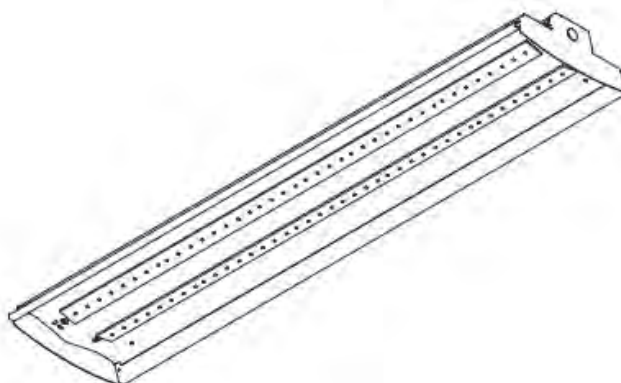
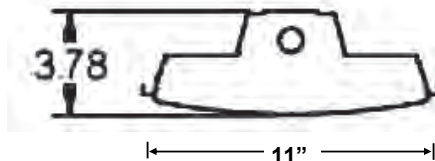
Features

- Swing away door assembly for simple wiring access
- Fully enclosed fixture
- Driver standard with 0-10v dimming

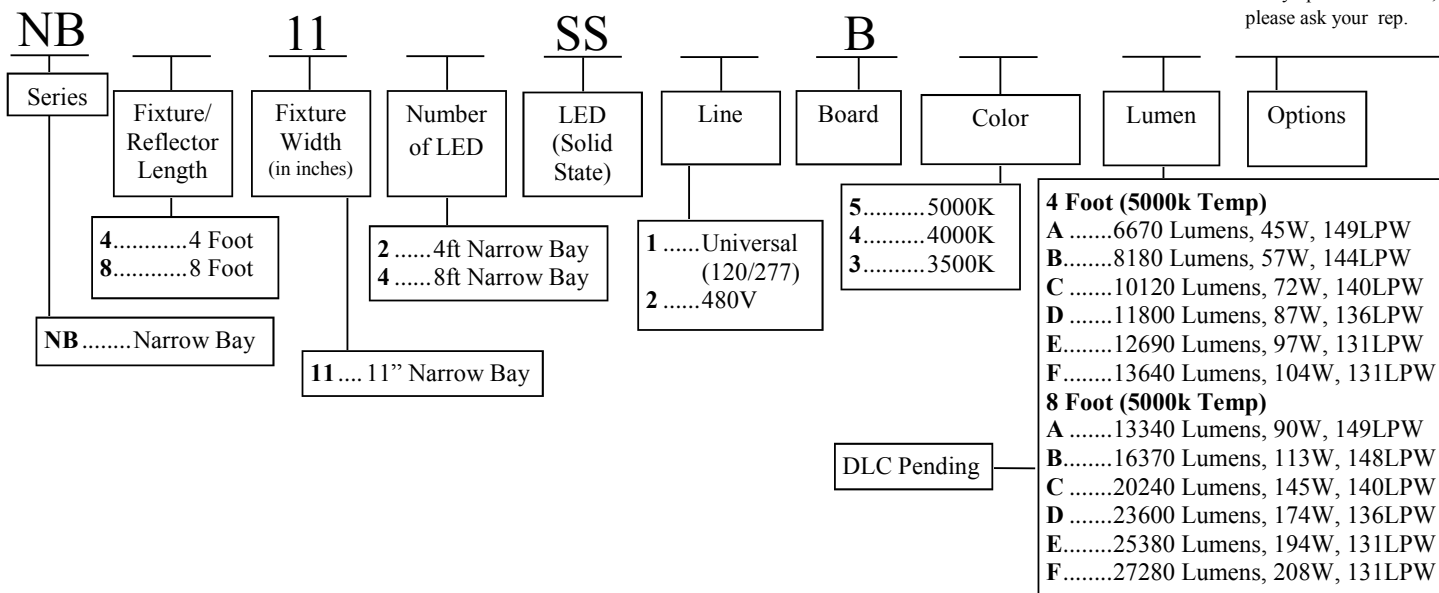


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End View



Many options available, please ask your rep.



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Retro Hi-Bay—LED

Applications

- Retrofit Existing Fluorescent Highbays
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair

Accessories

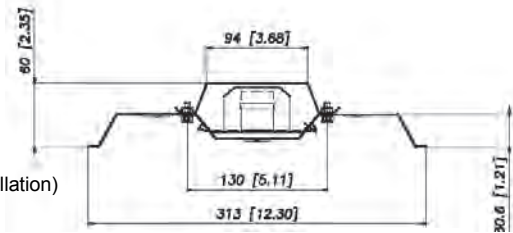
- Occupancy Sensor for Lumen Packages C and D

Features



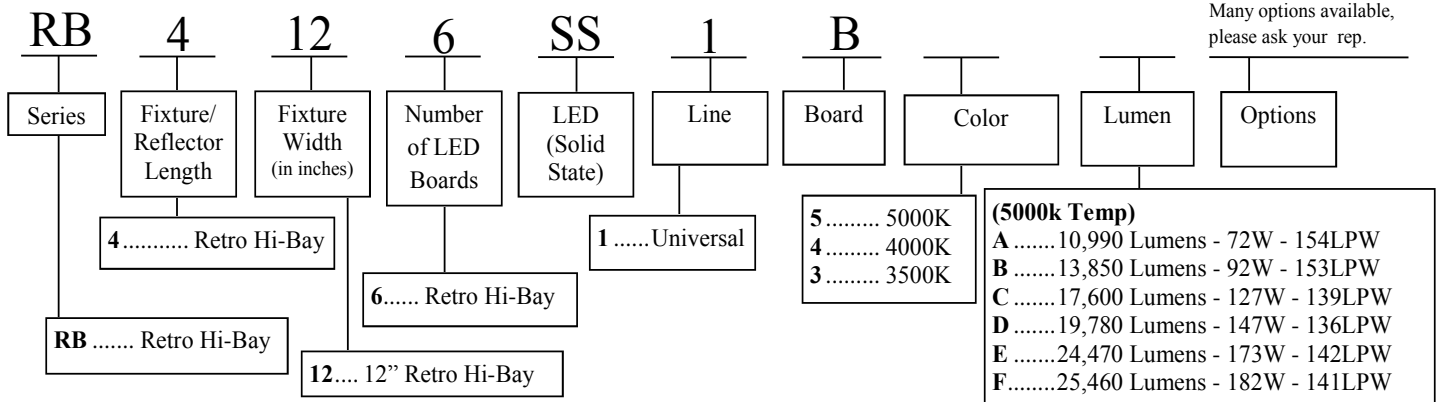
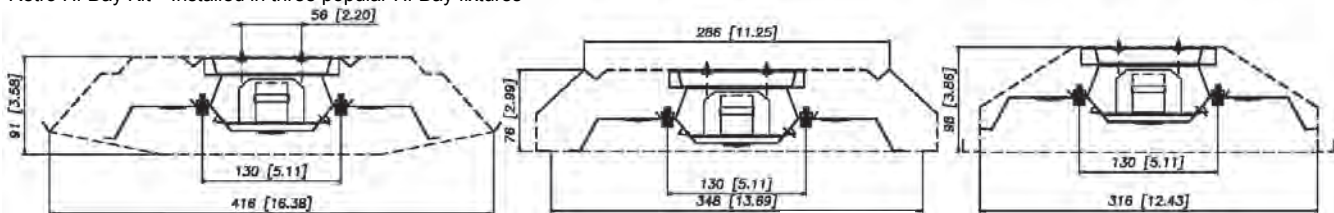
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- Retro Kit installs in existing housing
- Reduce waste and install time
- Reuse existing metal housing
- Heavy gauge construction
- Min/Max Ambient Temp (°F) -4°F/135°F*
- 120/277 Calculated TM-21 Hours - L70 > 200,000 Hours*
- 120/277 Calculated TM-21 Hours - L85 > 140,000 Hours*



Retro Hi-Bay Kit (pre-installation)

Retro Hi-Bay Kit—Installed in three popular Hi-Bay fixtures



Many options available, please ask your rep.

*Data from testing of RB4126SS1B3A0000

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BayBrite Prime Hi-Bay—LED

Applications

- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair Garages

Accessories

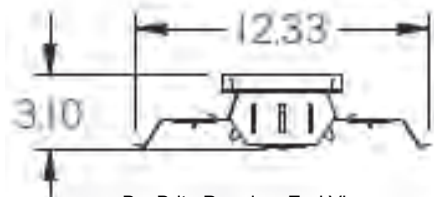
- Occupancy Sensor for Lumen Packages C and D

Features

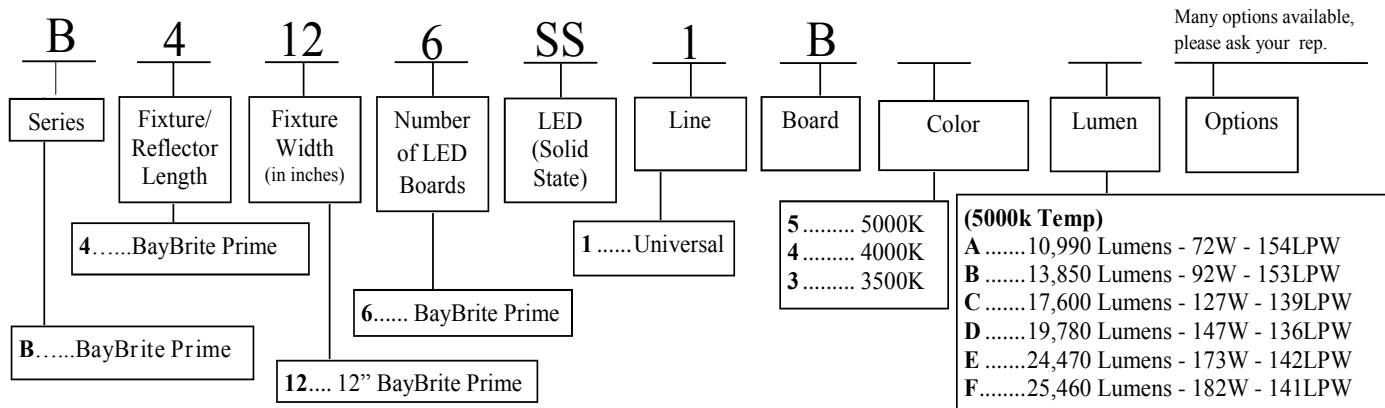
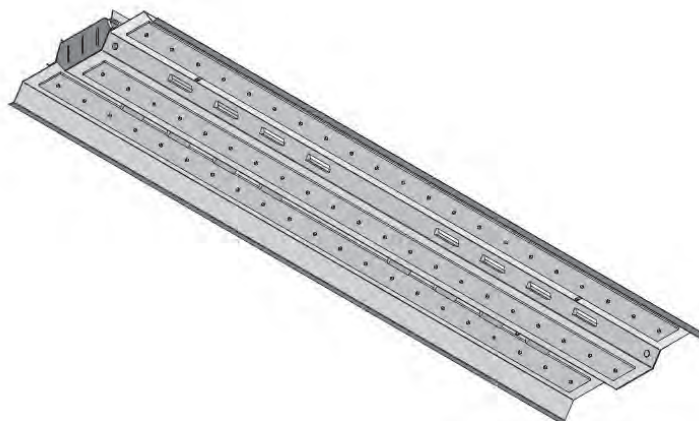


Proudly made in the U.S.A

- Open Design
- Heavy gauge construction
- Min/Max Ambient Temp (°F) -4°F/135°F*
- 120/277 Calculated TM-21 Hours - L70 > 200,000 Hours*
- 120/277 Calculated TM-21 Hours - L85 > 140,000 Hours*
- Driver standard with 0-10v dimming



BayBrite Premium End View



*Data from testing of RB4126SS1B3A0000

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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

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UltraBay Hi-Bay—LED



Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair

Accessories

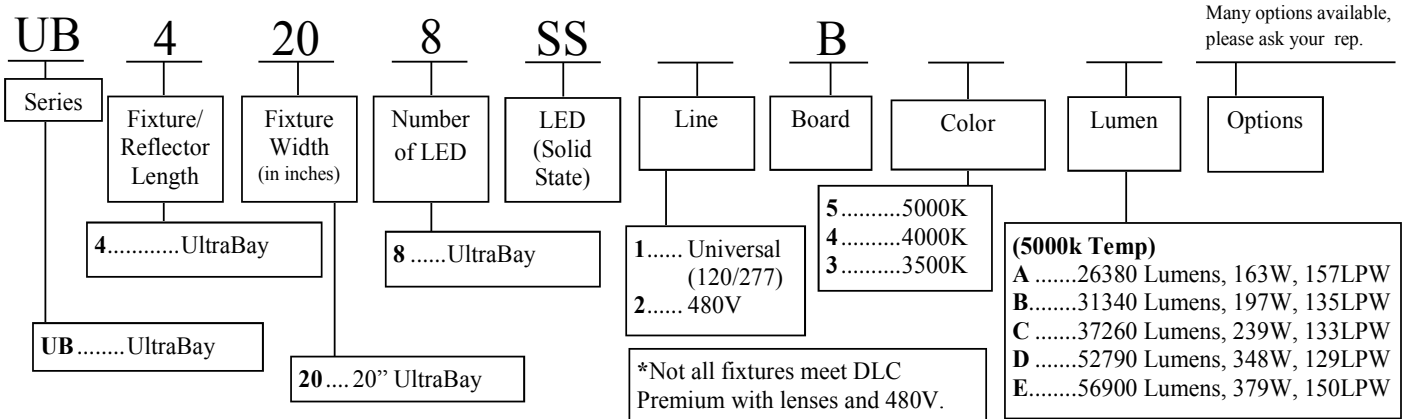
- Occupancy Sensor
- Wire Guard
- Door & Lens
- Hangers

Features



Proudly made in the U.S.A

- Swing away door assembly for simple wiring access
- Fully enclosed fixture
- Driver standard with 0-10v dimming
- Ideal Replacement for 1,000w Metal Halide
- 120/277 Calculated TM-21 Hours - 110,000 at L70
- 347/480 Calculated TM-21 Hours - 70,000 at L70
- Min/Max Ambient Temp -4F/113F



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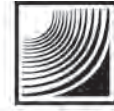
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513-252-0590 fax

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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

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Strip Fixture—LED

Applications

- Warehouses
- Industrial
- Garages
- Retail

Accessories

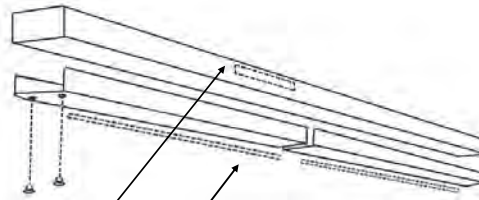
- Sensor
- Hanger Chain/Cable
- Wire Guard

Features

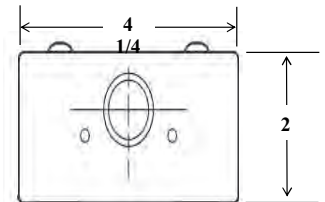


Proudly made in the U.S.A

- New construction or retrofit applications.
- Tool-less channel cover for easy installation.
- Continuous row mounting available.
- Available in 2', 4' and 8' options.
- 0-10v Dimming
- Driver standard with 0-10v dimming

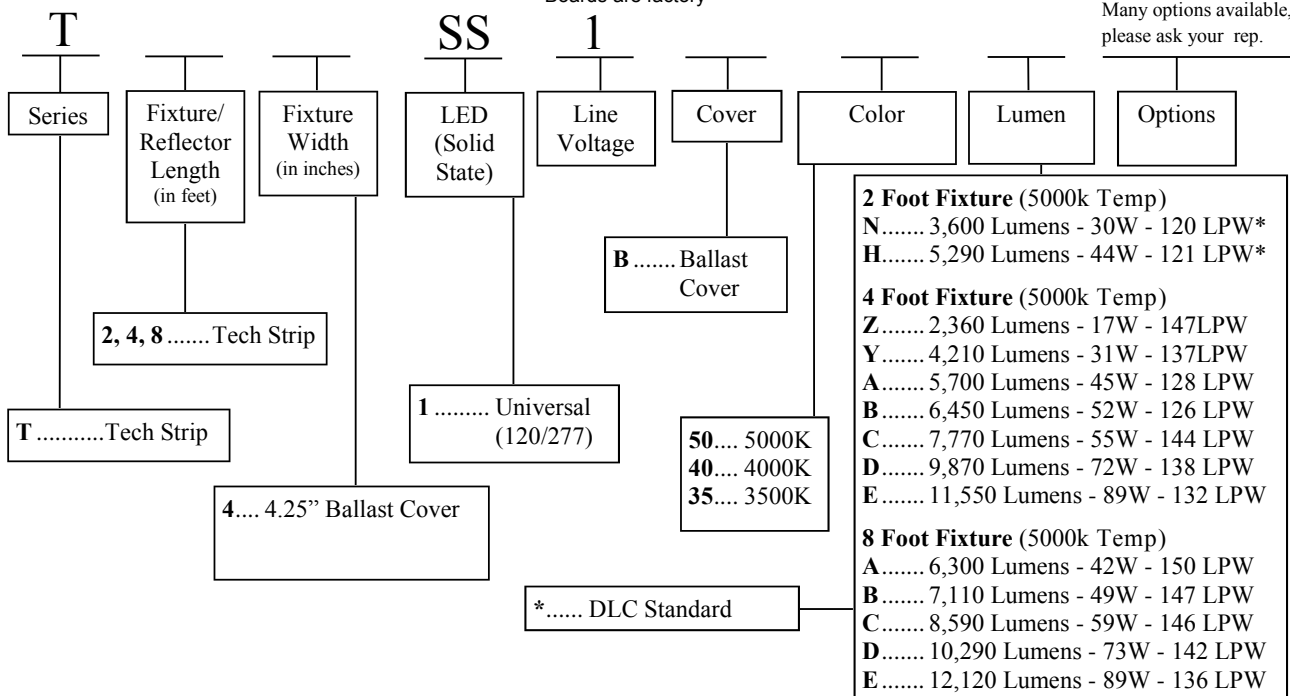


LED Driver and Boards are factory



8' Strip Fixture

Many options available, please ask your rep.



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Quick Strip —LED

Applications

- Warehouses
- Industrial
- Garage
- Retail

Accessories

- Sensor
- Hanger Chain/Cable
- Pendant Mount

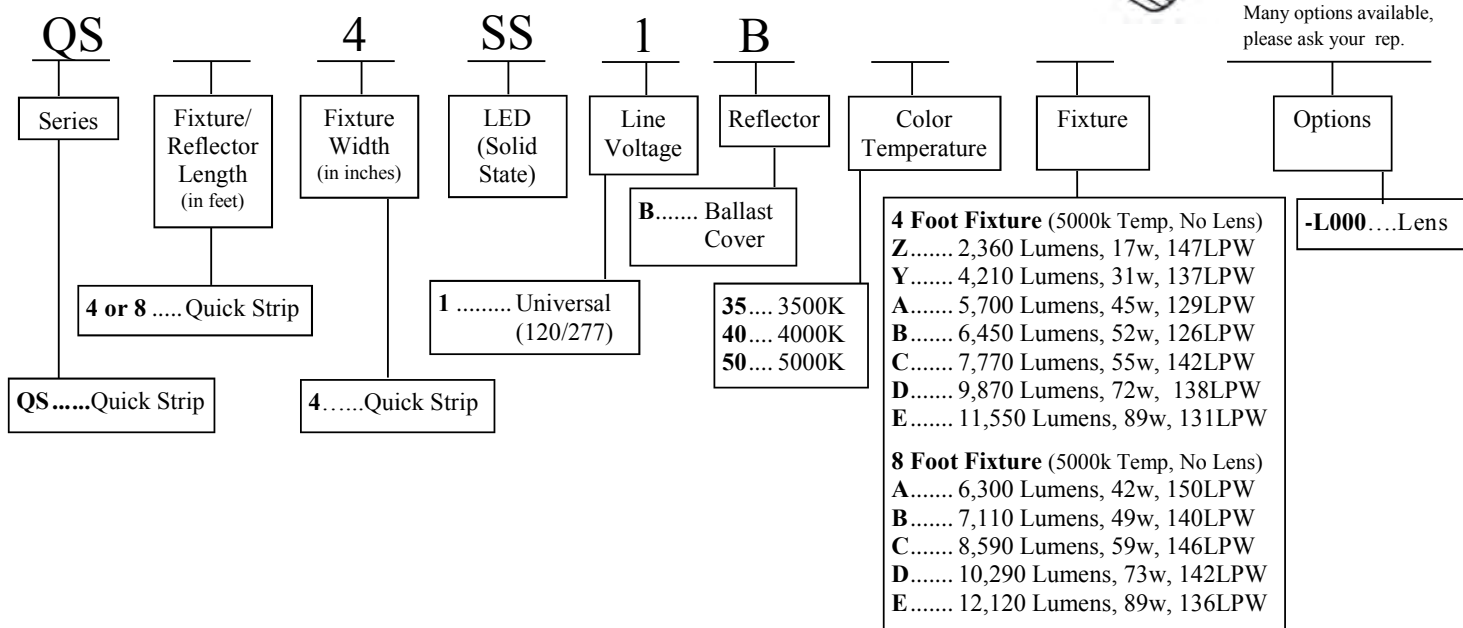
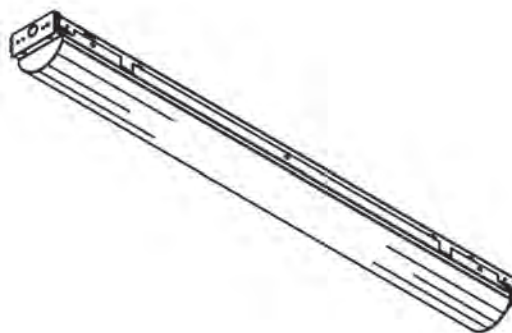


Features



Proudly made in the U.S.A

- 0-10v Dimming Driver Standard
- Available with and without a lens
- Continuous Row Mounting Available
- Surface Mount Option
- 4 Foot and 8 Foot



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Quick Strip Retro—LED



Applications

- Warehouses
- Industrial
- Garage
- Retail
- Any Existing Strip

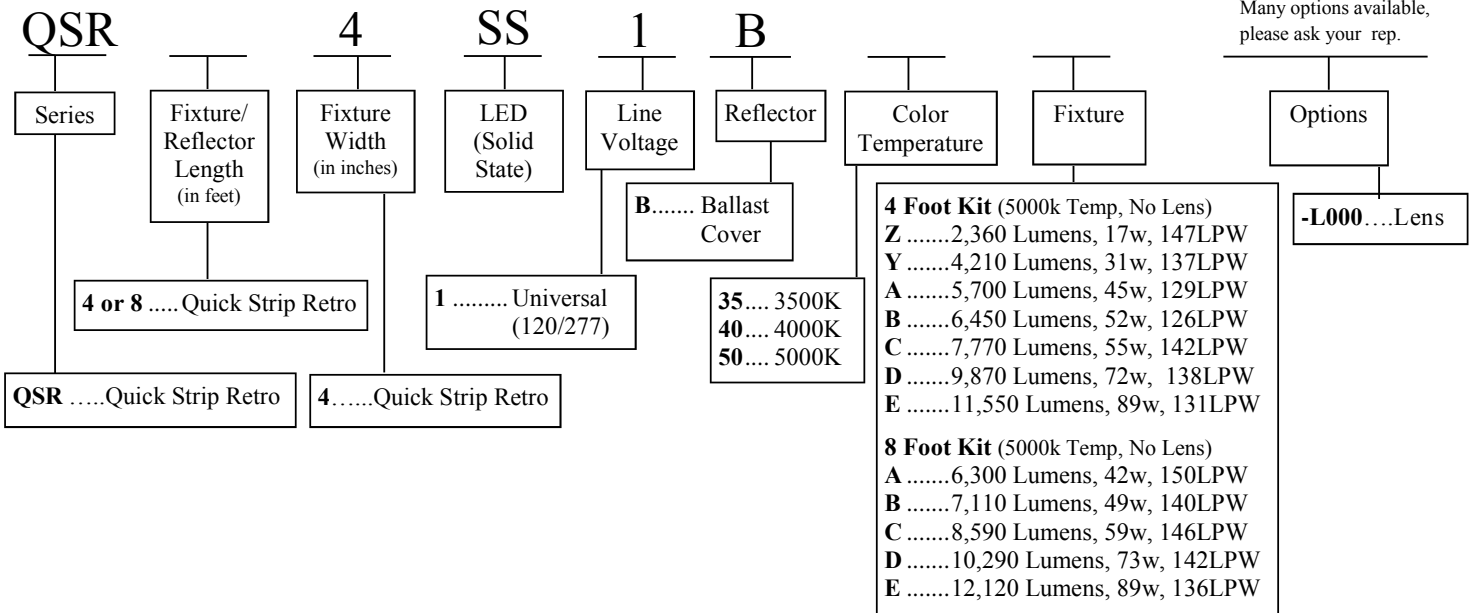
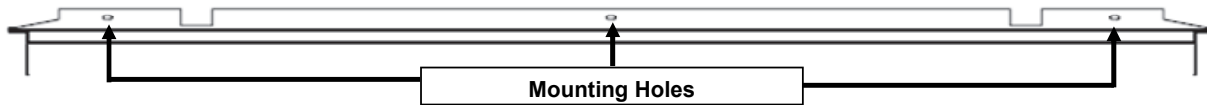
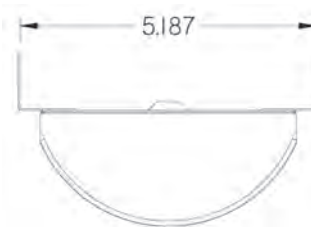


Features



Proudly made in the U.S.A

- Mounts Directly to Side of Existing Fixture
- Connect Power and Install—Driver affixed to Quick Strip
- 0-10v Dimming Driver Standard
- Available with and without a lens
- 4 Foot and 8 Foot
- Expandable to Multiple Fixture Widths—4.25" to 5.187



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Narrow Lens Strip—LED

Applications

- Warehouses
- Industrial
- Display Applications
- Retail

Accessories

- Sensor
- Pendant Mount



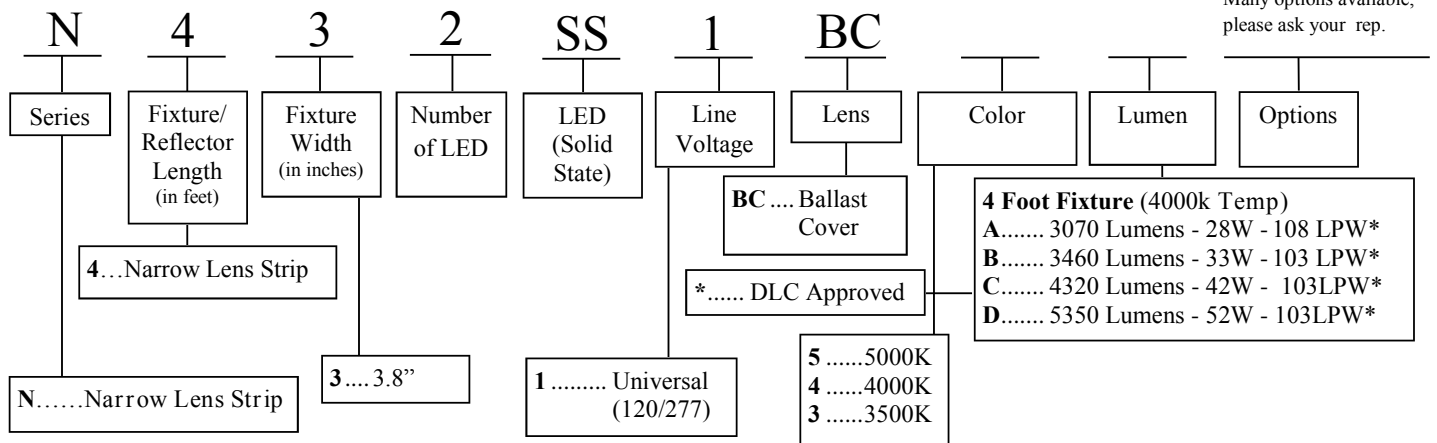
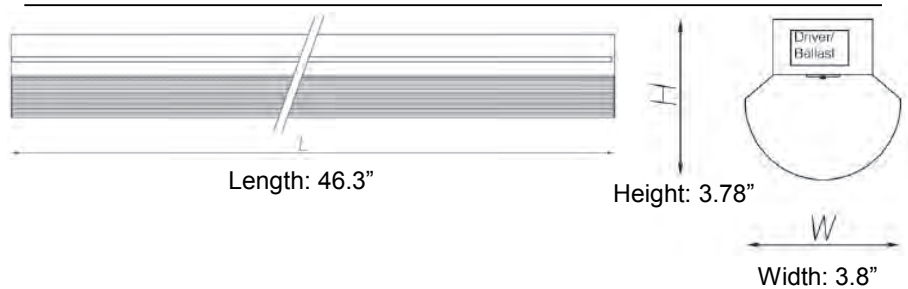
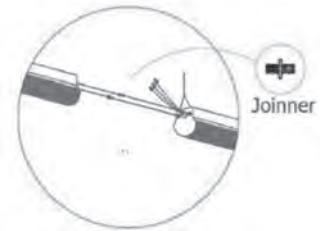
Features

- Architectural linear lighting fixture
- Surface or Pendant Mounting
- Post-paint in powder coated matte white polyester
- Individual or Continuous row mounting— joiner available
- Acrylic frosted diffuser with 90% light transmission with tool-less removal
- Driver standard with 0-10v dimming



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Continuous row assembling installation.



Many options available, please ask your rep.

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Hi-Tech Strip—LED

Applications

- Warehouses
- Industrial
- Display Applications

- Retail

Accessories

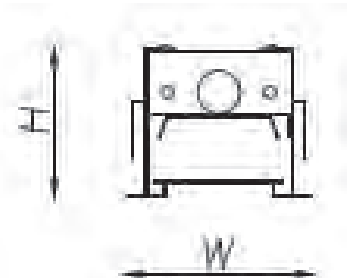
- Sensor
- Hanger Chain/Cable



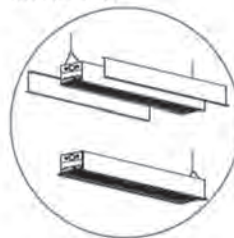
Proudly made in the U.S.A

Features

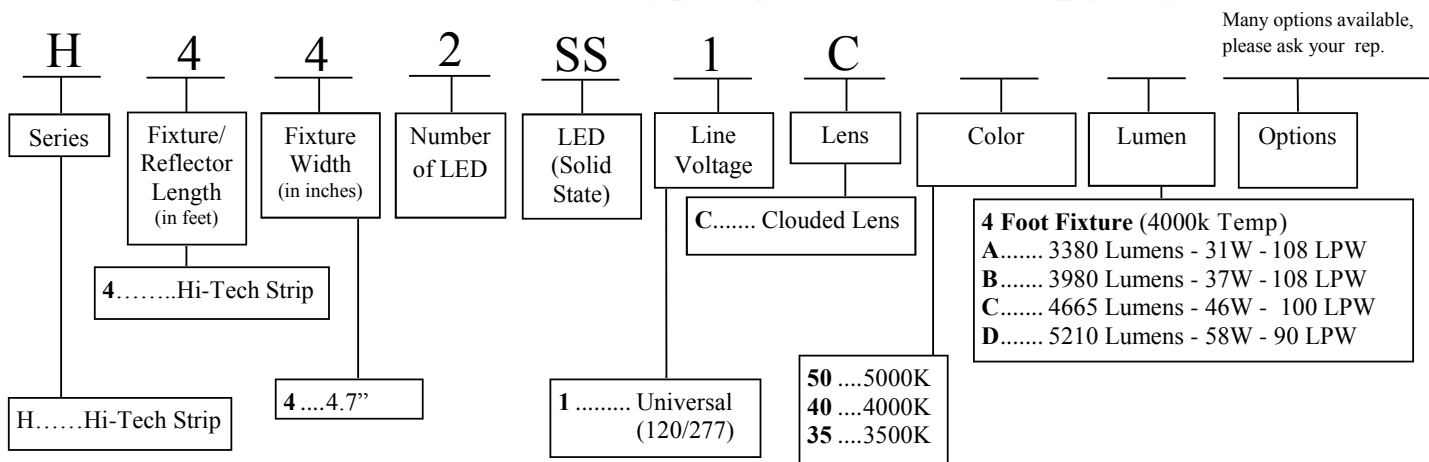
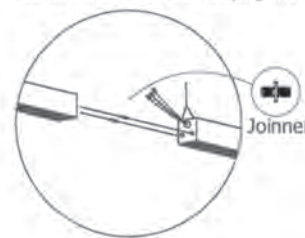
- Architectural linear lighting fixture
- Surface, Recessed, or Pendant Mounting
- Post-paint in powder coated matte white polyester
- Individual or Continuous row mounting
- Shallow design for low clearance
- Driver standard with 0-10v dimming
- Up-Light Available



Recessed Kit



Continuous row assembling installation



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VaporBrite Hi-Bay—LED

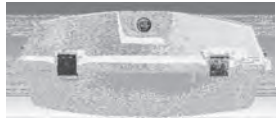


Applications

- Food Processing Facilities
- Refrigerated Storage
- Parking Garages
- Breweries and Bottling Facilities
- Livestock Facilities

Certifications

- Tested/Certified by NSF International
- UL Wet Location
- NEMA 4X
- IP65/IP66/IP67
- ROHS



Features

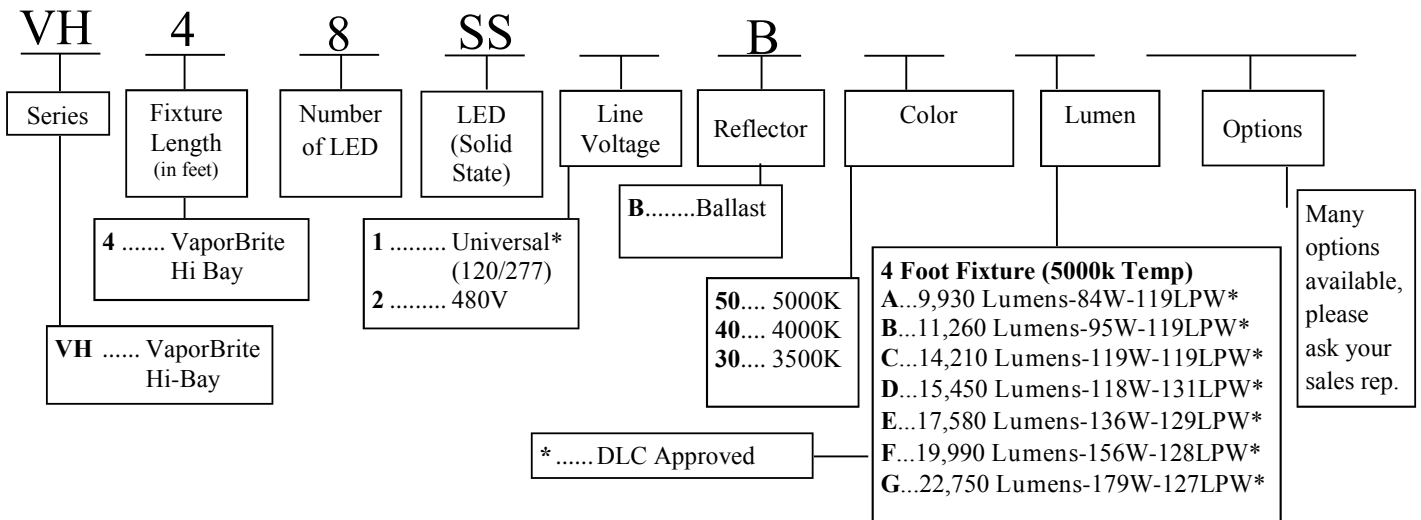
- Designed for tough environments
- Weatherproof enclosures
- Easy to clean and service
- Impact resistant lenses
- Stainless steel hardware
- Simple mounting system-no holes to drill
- 50,000 hour rated life



Proudly made in the U.S.A



Mounting Options



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VaporBrite Strip—LED



Applications

- Food Processing & Refrigerated Facilities
- Parking Garages & Traffic Tunnels
- Breweries & Bottling Facilities
- Livestock Facilities
- Exterior Retail Areas

Certifications

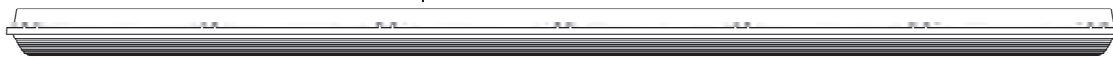
- UL Wet Location
- IP65/IP66/IP67
- ROHS

Features

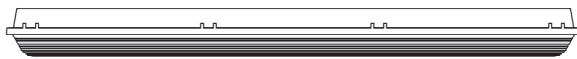


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- Designed for tough environments
- Weather resistant enclosures
- Lengths of 2', 4' or 8'
- LED available in 5000K, 4000K & 3500K
- Breakage resistant diffusers
- Frosted acrylic ribbed diffuser reduces pixelization
- Simple mounting system—no holes to drill!
- 50,000 hour rated life
- 0-10v Dimming



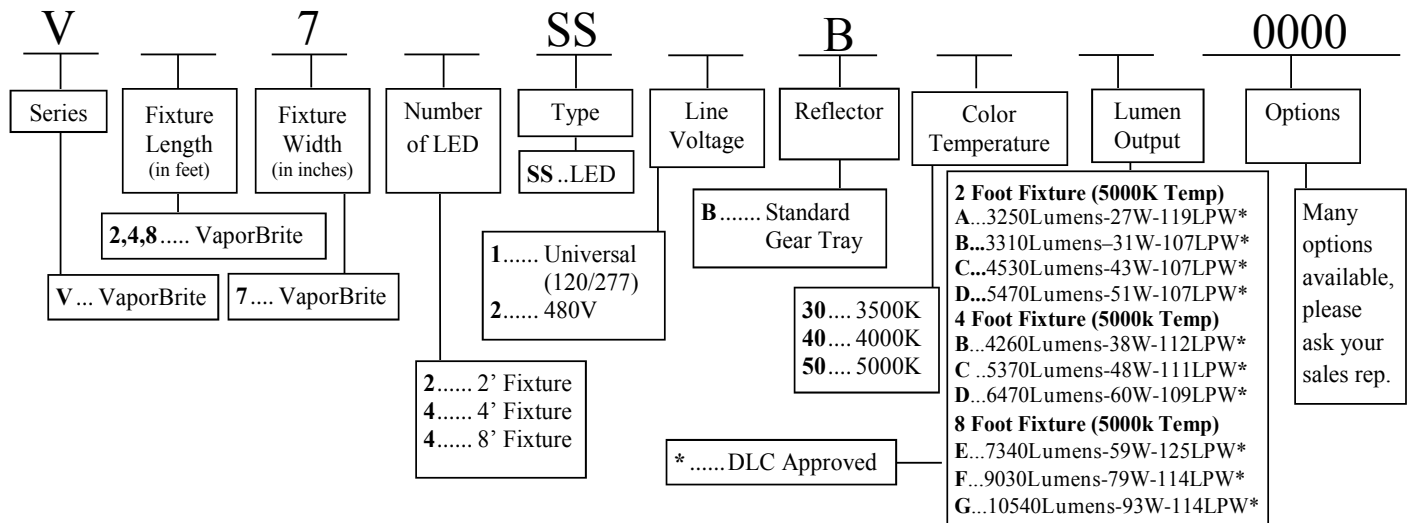
Length: 8 Ft.
6.8" W 100" L 3.9"H



Length: 4 Ft.
6.8" W 51.7" L 3.9"H



Length: 2 Ft.
6.8" W 27.7" L 3.9"H



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VaporBrite Parking Garage—LED

Applications

- Parking Garages
- Traffic Tunnels
- Exterior Retail Areas

Certifications

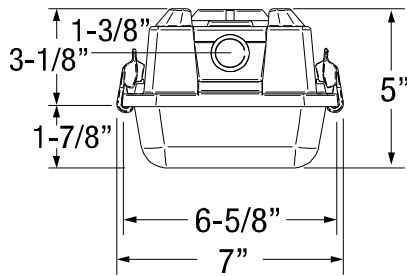
- UL/cUL recognized component
- IP65 (6latch) or IP66/IP67 (8 latch)
- DLC

Features

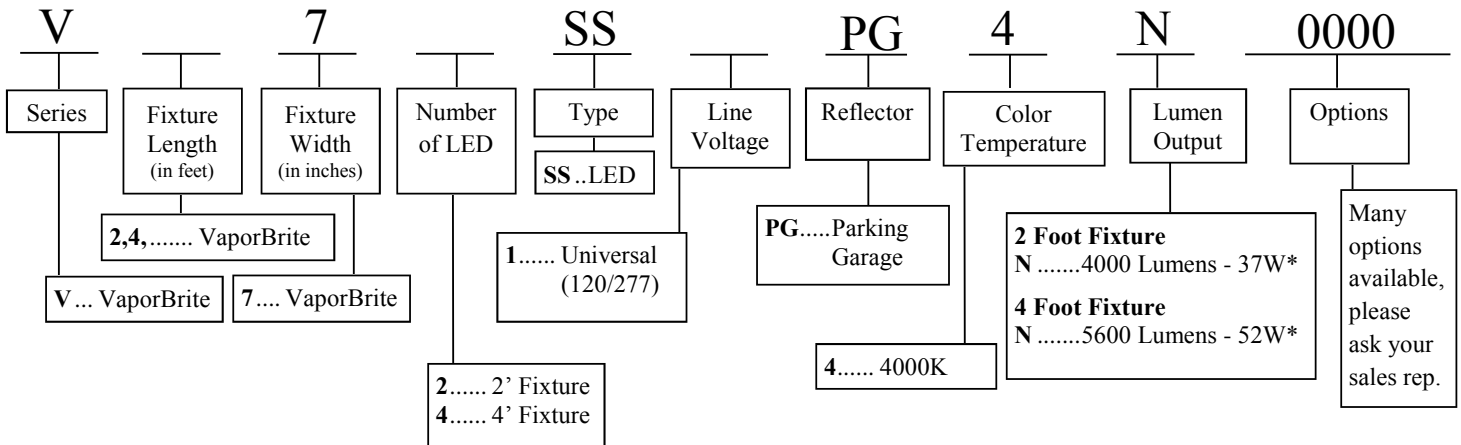
- Designed for Parking Garage
- Weatherproof enclosures
- 50,000 hour L70 life
- 5-Year driver warranty
- Lengths of 2 foot & 4 foot
- LED available in 4000K
- Breakage resistant diffusers
- Stainless Steel or plastic latches
- Frosted acrylic ribbed diffuser reduces pixelization
- Simple mounting system—no holes to drill!



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Shallow Lens



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Surface Wrap—LED



Applications

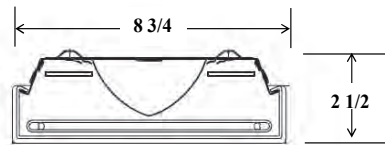
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

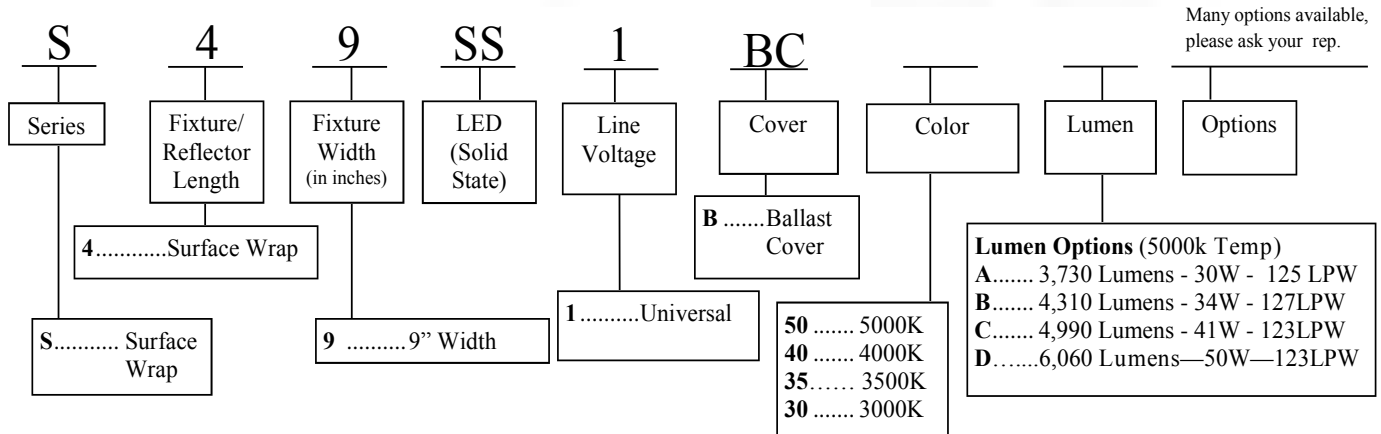
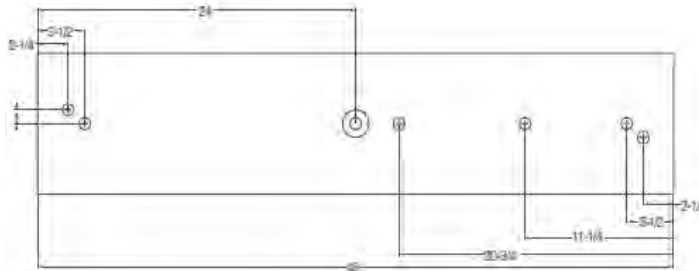
- Surface mounted general ambient lighting
- Affordable LED option
- Convenient knockouts for easy installation
- Clear acrylic prismatic lens
- Low-profile, heavy-gauge steel housing
- 0-10v Dimming



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9 inch wrap



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Canopy Outdoor Fixture– LED



Applications

- Outdoor
- Parking Garages
- Gas Stations
- Canopies
- Overhangs

Features

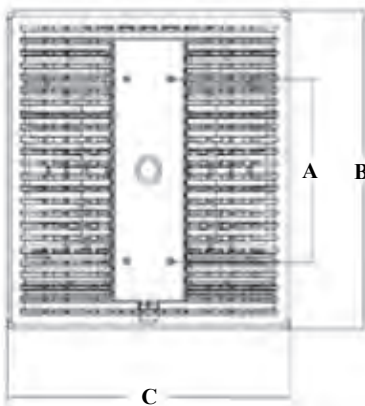


- Light Weight Cast Aluminum Cooling Fins
- High Efficiency LED Driver > 90%
- 50,000 hour rated life
- CRI > 75
- Operating temperature –22° to 176° F
- 5000K
- 5 Year Warranty

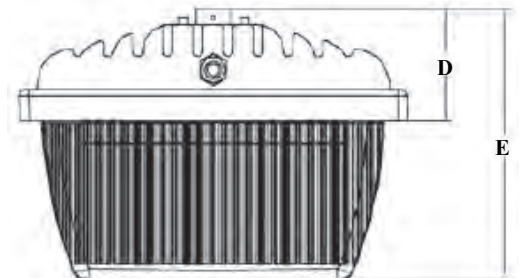


35 watt replaces 100-175 watt HID
 60 watt replaces 175-250 watt HID
 90 watt replaces 250-400 watt HID

Front View Dimensions



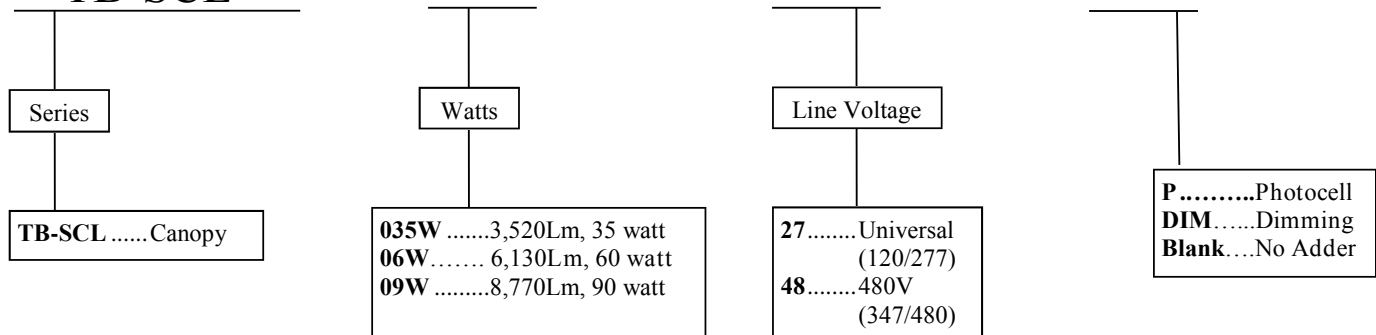
Side View Dimensions



Fixture Dimensions

	A	B	C	D	E
35w		8.9"	8.9"	2"	5.6"
60w	7.1"	12.4"	12.4"	3.4"	8.1"
90w	7.1"	12.4"	12.4"	3.4"	8.1"

TB-SCL



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Wall Pack Lighting– LED

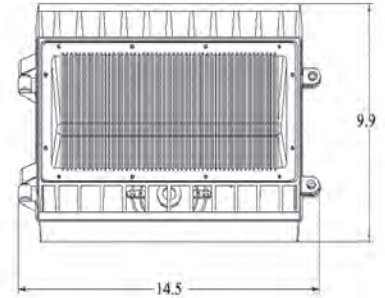


Applications

- Outdoor/ Indoor
- Suitable for Wet Locations
- Wall Mounted
- Area Lighting
- Parking/Dock Lighting
- General Lighting

Features

- Light Weight Cast Aluminum Cooling Fins **Front View Dimensions**
- High Efficiency LED Driver > 90%
- 50,000 hour rated life
- Beam angle 130°
- Operating temperature –22° to 176° F
- IP65 Rated
- CRI > 83
- General or Semi-Cutoff for 60w & 100w
- 5000k Standard, 4000k Special Order
- 5 Year Warranty

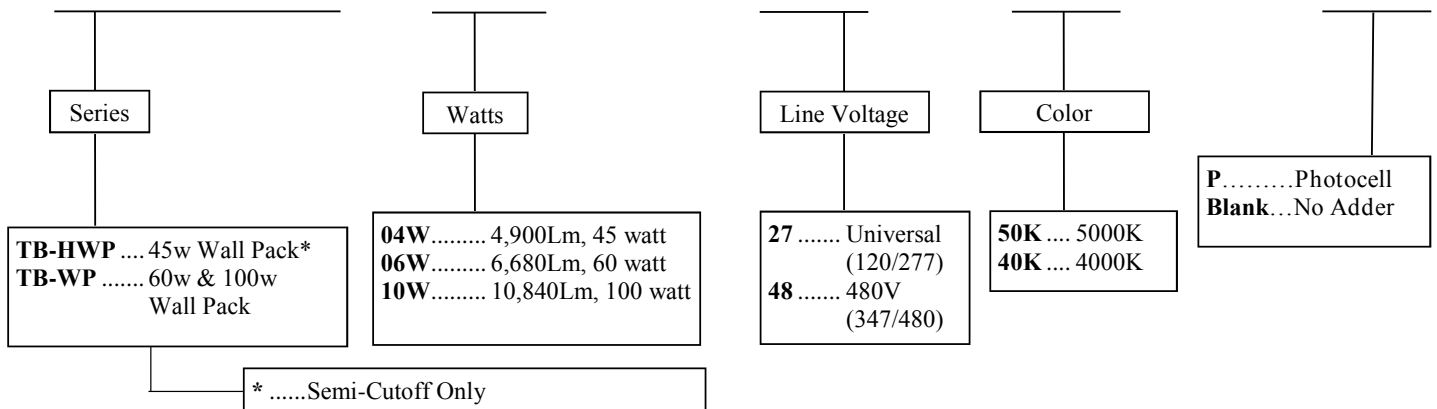


60 & 100w Wall Pack shown with Semi-Cut-Off



45w Half Cut-Off Wall Pack

45 watt replaces 100-175 watt HID
60 watt replaces 200-250 watt HID
100 watt replaces 300-400 watt HID



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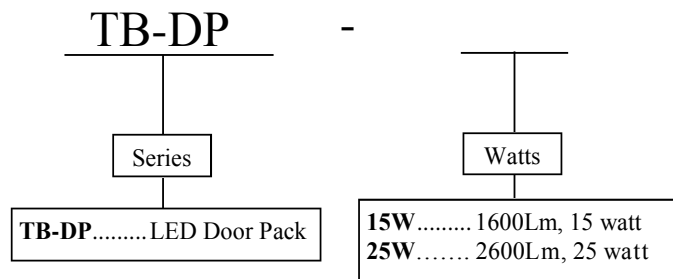
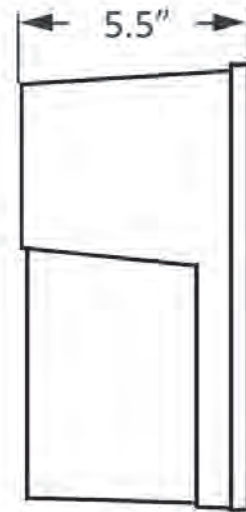
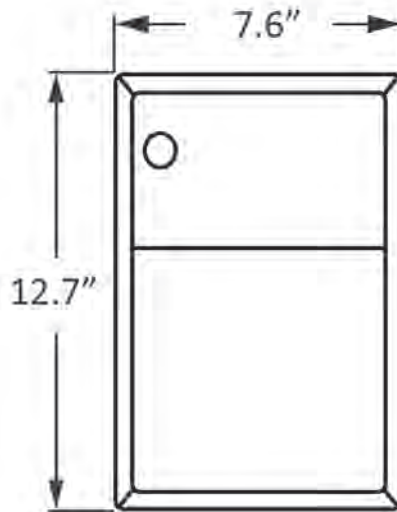
LED Door Pack



Features



- 5 Year Warranty
- Polycarbonate Lens, Aluminum Body
- 120/277v
- Dark Bronze, Polyester Powder Coated Finish
- CRI >70
- Wall Mount
- 5000K
- Photocell Included



1000 Kieley Place., Cincinnati OH 45217

513-772-5070 office

513-252-0590 fax

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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.
 *Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

Shoebox / Flood Fixture– LED



Applications

- Outdoor
- Parking Lots
- Schools
- Roadways

Bracket Options

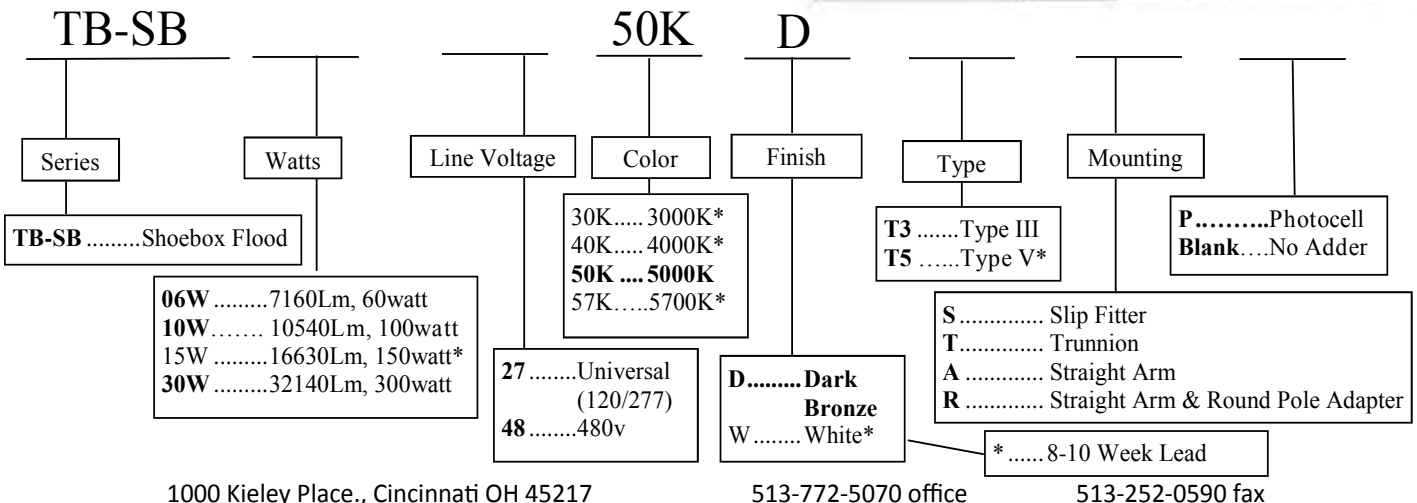
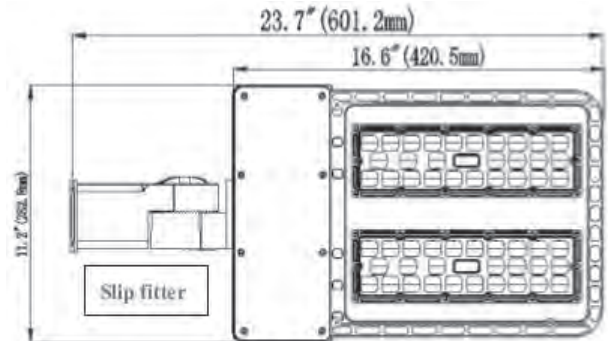
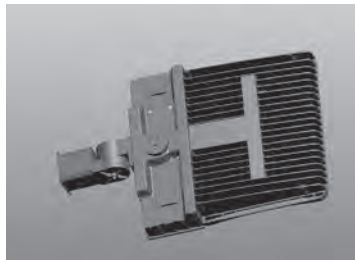
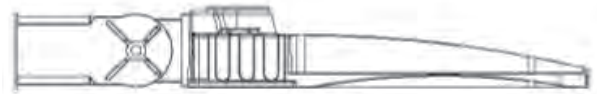
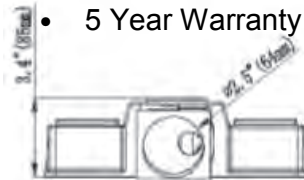
- Wall Mount 90° Bracket
- Surface Mount Tenon
- Bull Horn Bracket
- Round Square Round
- Tenon Reducer

Features

- 8-10 Week Lead time on Type V Fixtures
- Light Weight Cast Aluminum
- High Efficiency LED Driver > 90%
- 50,000 hour rated life
- Operating temperature –22° to 113° F
- 5000K Standard
- IP65/Wet Location
- 5 Year Warranty



60 watt replaces 250 watt HID
 100 watt replaces 400 watt HID
 300 watt replaces 1000 watt HID



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LED Explosion Proof Fixture

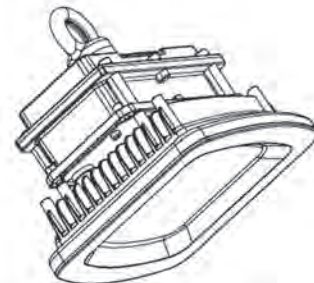
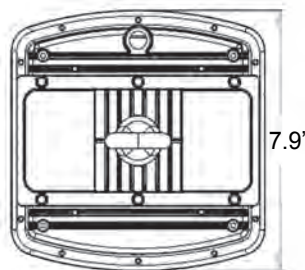
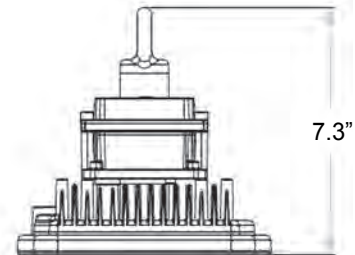
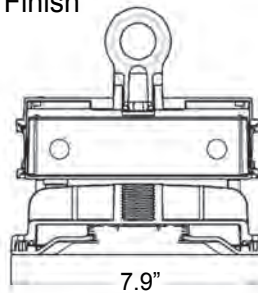


Applications

- Gas Stations
- Chemical Processing/ Storage Facilities
- Military, Navy, Airforce bases
- Weapon Storage
- Tunnel Lighting

Features

- High Efficiency LED Driver > 90%
- Operating temperature -22° to 122° F
- Class I, Division II
- 8-10 week lead time
- Available with a wire guard
- Yellow Finish



TB-EP40	3,410 Lumens, 40w	Replaces 100-150w Metal Halide
TB-EP100	8,460 Lumens, 100w	Replaces 250-300w Metal Halide
TB-EP200	17,280 Lumens, 185w	Replaces 600-800w Metal Halide

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LED UFO HighBay



Applications

- Indoor or Outdoor
- Warehouses
- Gas Stations
- Stadiums

Hanging Options

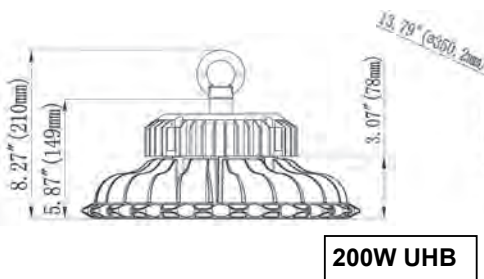
- Standard with top mounted ring for use with a hook
- Surface Mount U Bracket Available

Features

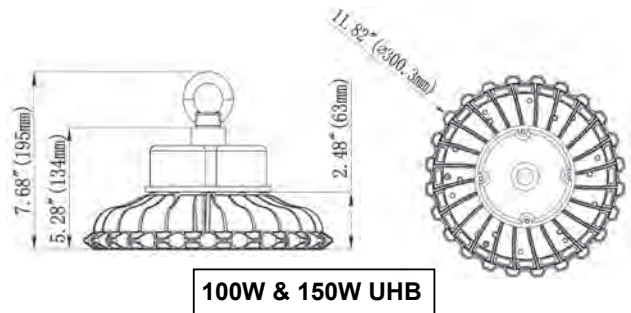
- High Efficiency LED Driver > 90%
- >50,000 hour rated life
- Operating temperature -30°C to 45°C
- 5000K Stocked, 4000K 6-8 week lead time
- IP65/Wet Location
- 5 Year Warranty
- 80° Angle Beam
- Ask for pricing on Optional Reflector, listed separately
- Optional 0-10v Dimming



Shown with Optional Reflector:
UFO HIGHBAY REFLECTOR-S (100W/150W)
UFO HIGHBAY REFLECTOR-L (200W)

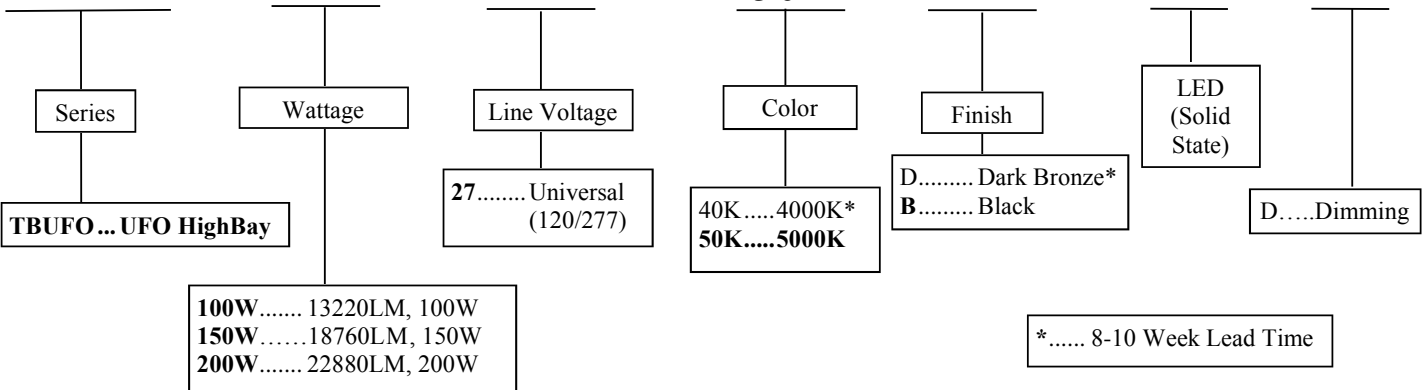


200W UHB



100W & 150W UHB

TBUFO



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LED TUBES

BayBrite-ECO LED Tube



Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair Garages

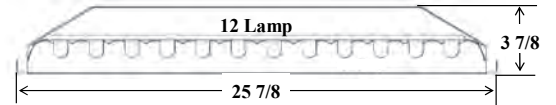
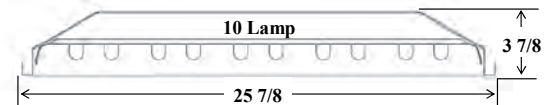
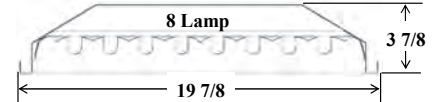
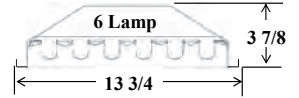


Features

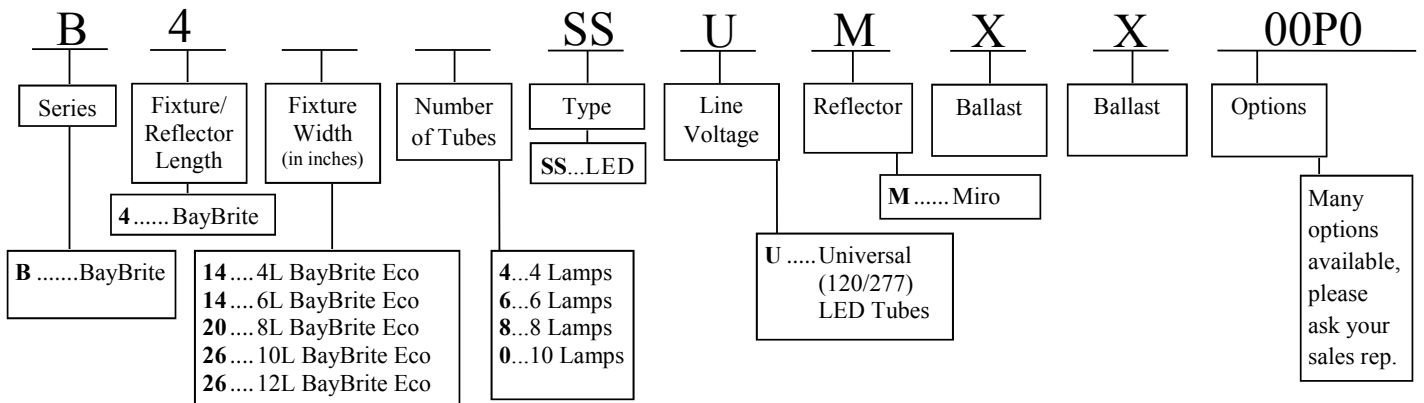
- LED T8 Tube Ready
- Quick Installation with Wago Disconnect
- Ready for Line Voltage
- Fully Enclosed Housing
- LED Ready Sockets Installed at the Factory
- Self Ballasted T8 LED Tubes (not included)
- Wireguard & Door/Lens Options Available*



Proudly made in the U.S.A



*Door/Lens Option not available on 10 and 12 lamp fixtures



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Strip—LED Tubes



Applications

- Warehouses
- Industrial
- Garages
- Retail

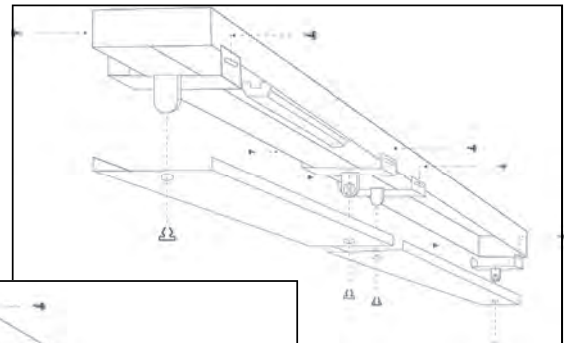
Four Foot Fixture with White or Miro® Reflector

Features

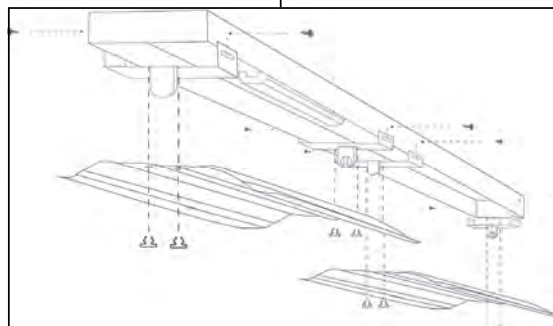
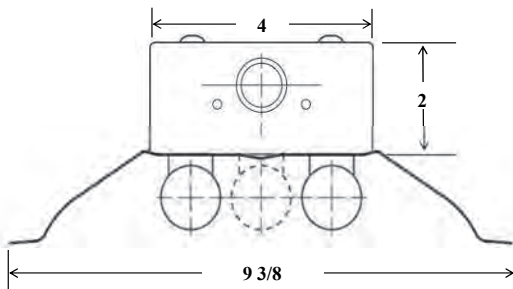
- LED Tube Strip Fixture
- Energy & operational savings
- 4' and 8' fixtures
- T8 Led Tubes
- Improved light levels
- Ballast Cover, White or Miro® 4 reflector
- White Reflector—92% Reflectivity
- Miro® 4 Reflector —95% Reflectivity
- One piece socket bracket



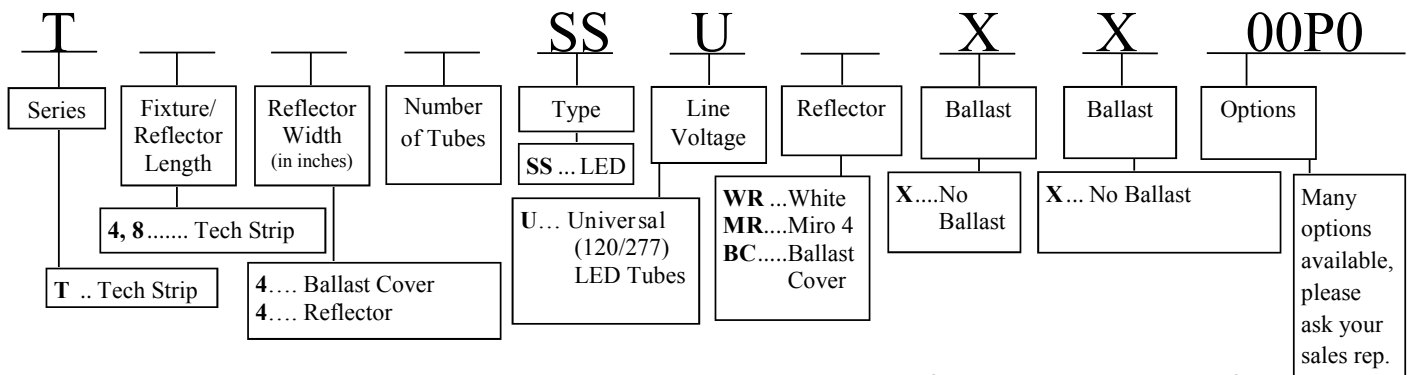
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8' Fixture with Ballast Covers



8' Fixture with Reflectors



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VaporBrite Strip—LED Tubes



Applications

- Food Processing Facilities
- Refrigerated Storage
- Parking Garages
- Breweries and Bottling Facilities
- Livestock Facilities
- Traffic Tunnels
- Exterior Retail Areas

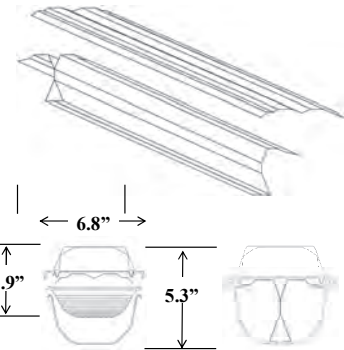
Features



Proudly made in the U.S.A

- Wired for LED Tubes
- Designed for tough environments
- Weatherproof enclosures
- T8 LED tubes
- Lengths of 2', 4', 8'
- Breakage resistant diffusers
- Stainless steel or plastic latches
- Latches adaptable for tamper resistant applications
- Simple mounting system—no holes to drill!

Basic or Wide Distribution Reflectors



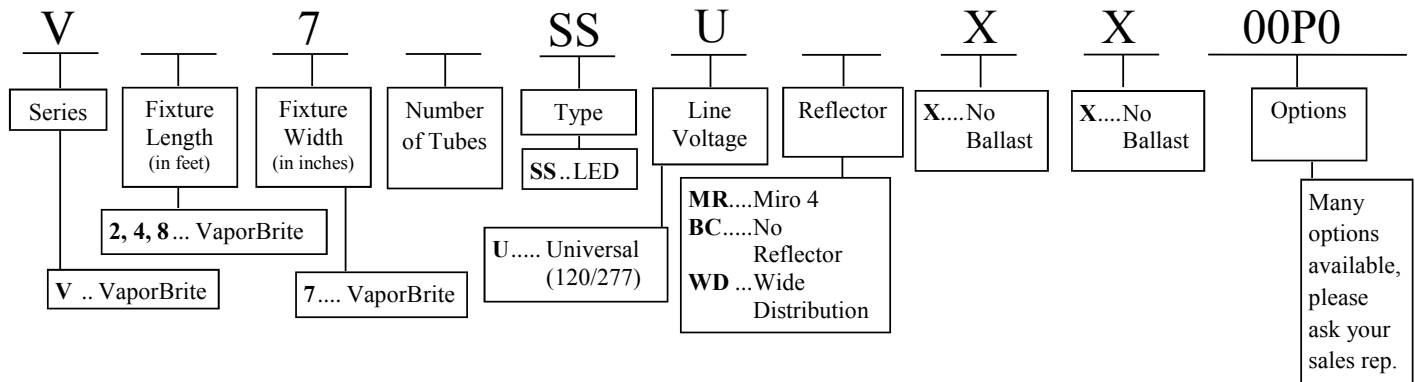
Length: 8 Ft.
6.8" W 100" L 3.9"H



Length: 4 Ft.
6.8" W 51.7" L 3.9"H



Length: 2 Ft.
6.8" W 27.7" L 3.9"H



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Lay-In Troffer- LED Tubes



Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

- Lay-in Troffer available in 2x2, 2x4, 1x4
- 23 gauge high quality metal body
- Lens and Louver options
- T8 LED Tubes



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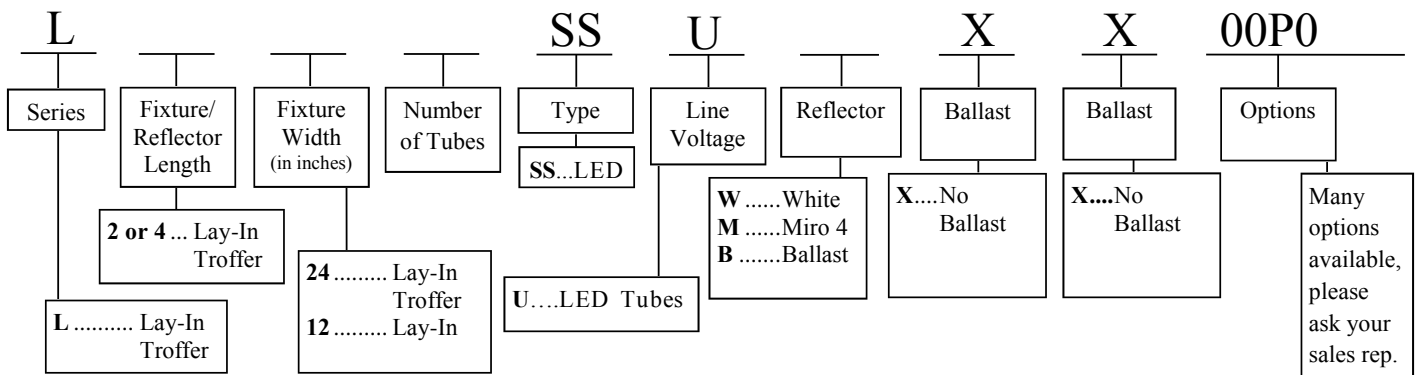
White or Miro® Reflector Increases Fixture Efficiency



- White or Miro® 4 Reflector



Four lamp Troffer with white reflector



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Retro Strip—LED Tubes



Applications

- Warehouses
- Industrial
- Garages
- Retail

Kit Includes

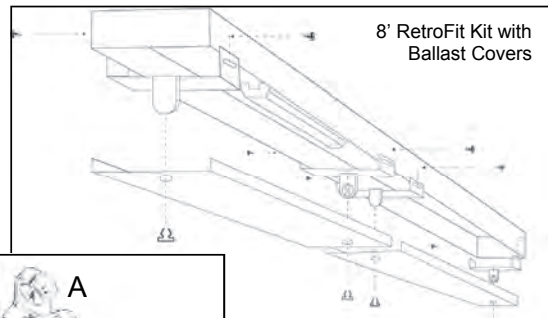
- Tek Screws
- Quarter Turns
- Aligning Clips (Reflector Kit Only)
- Sockets
- Brackets
- Reflectors or Ballast Covers

Features

- Easily convert existing fixtures
- Energy & operational savings
- Kits for 4' and 8' fixtures
- T8 Led Tubes
- Improved light levels
- Ballast Cover, White or Miro® 4 reflector
- White Reflector—92% Reflectivity
- Miro® 4 Reflector —95% Reflectivity
- One piece socket bracket

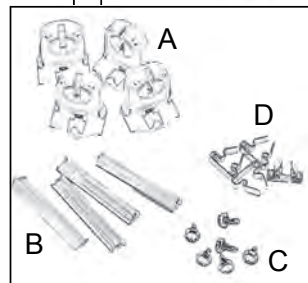


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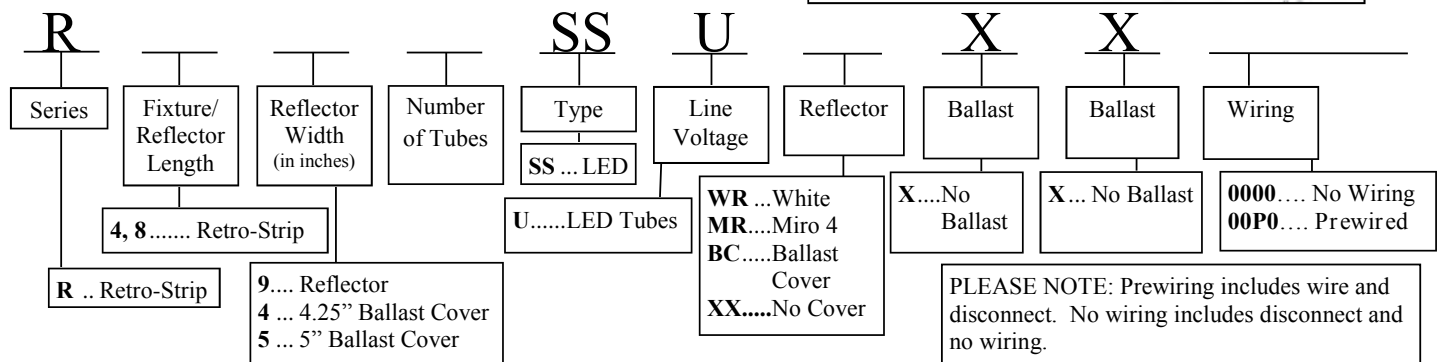
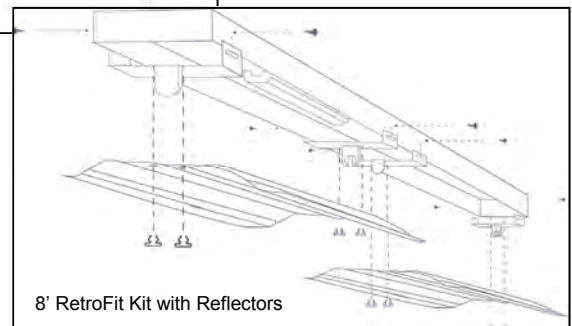


Socket Bracket

- Bent on site to allow for flexibility in fixture width
- Bracket can be used for 1 or 2 Lamp Application (per four foot section)



Kit Includes:
 A) Sockets
 B) Aligning Clips
 C) Tek Screws



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Retro Troffer- LED Tubes



Applications

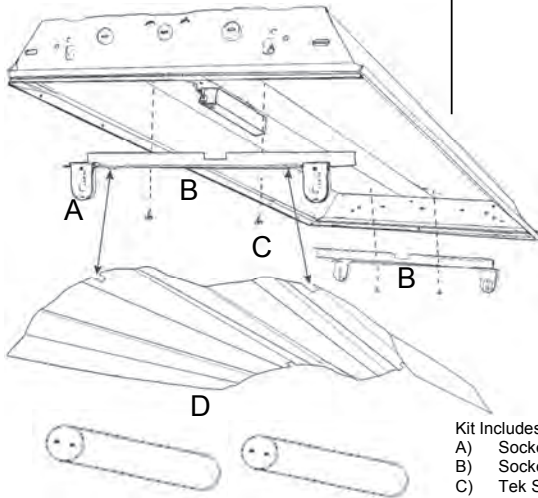
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

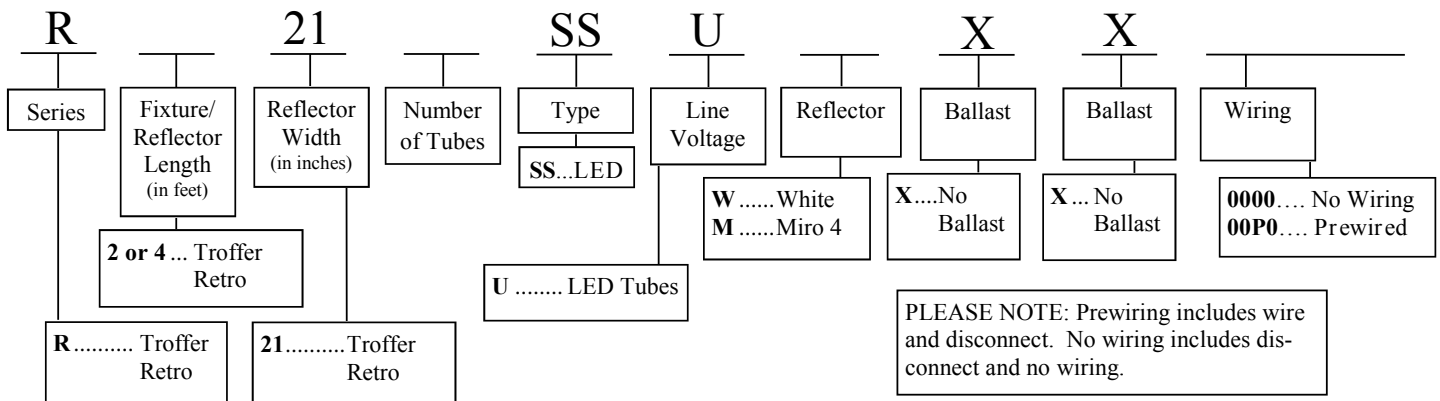
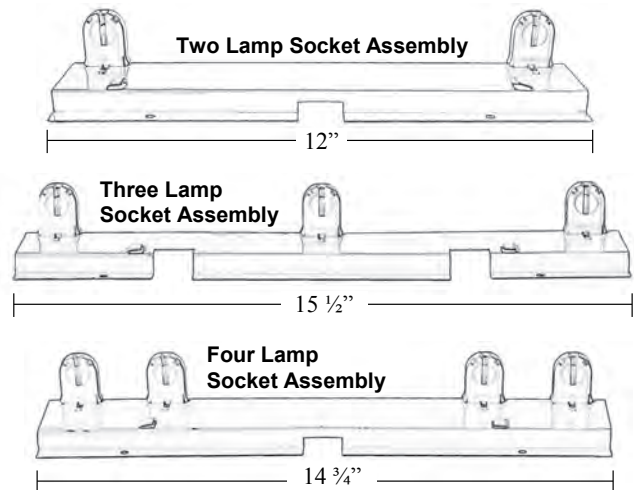


Proudly made in the U.S.A

- White Reflector—92% Reflectivity
- Miro® 4 Reflector — 95% Reflectivity
- Available in 2x2 & 2x4 — 2, 3, and 4 tubes options
- Pinch fit reflector for quick installation
- Kit includes: reflector, sockets, socket bars, mounting screws
- T8 LED Tubes



Kit Includes:
 A) Sockets
 B) Socket Bars
 C) Tek Screws(4 per kit)
 D) Reflector



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Surface Wrap– LED Tubes



Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals



Features

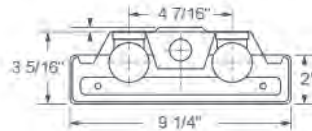
- Surface Wrap available in 9 and 15 inch widths
- 2 and 4 lamps options
- LED Tubes
- Low-profile, heavy-gauge steel housing
- Clear prismatic lens
- UL Certified



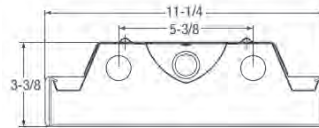
Proudly made in the U.S.A



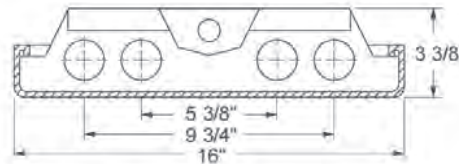
2-Lamp 9 inch Wrap with prismatic lens



9 inch wrap—4' Only

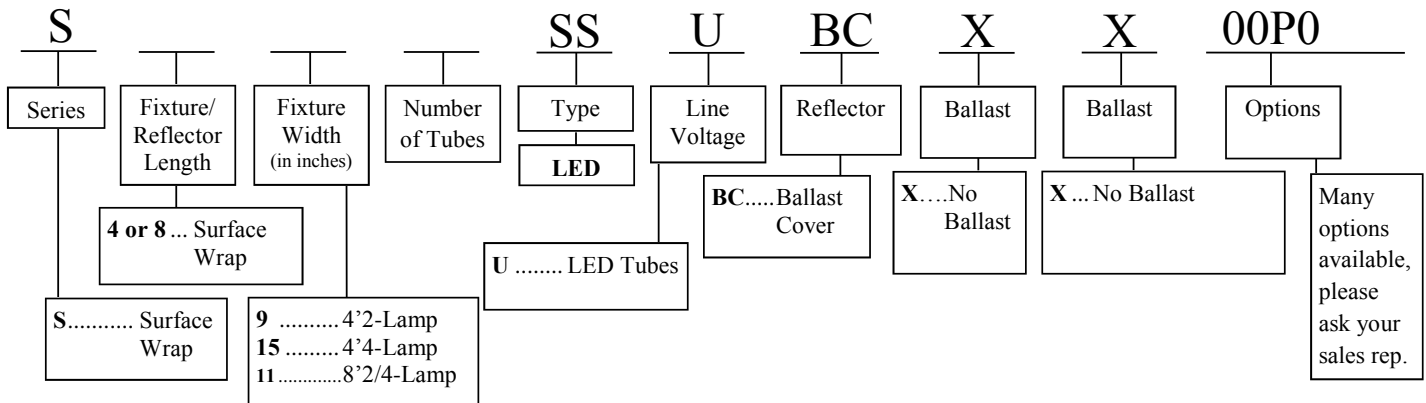


11 inch wrap—8' Only



15 inch wrap—4' Only

4-Lamp 15 inch Wrap with ballast cover



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VaporBrite Hi-Bay-LED Tubes



Applications

- Food Processing Facilities
- Refrigerated Storage
- Parking Garages
- Breweries and Bottling Facilities
- Livestock Facilities

Certifications

- Tested/Certified by NSF International
- UL Wet Location
- NEMA 4X
- IP66/IP67
- ROHS



Features

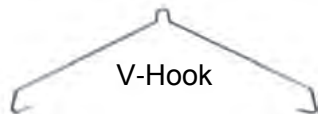
- Designed for tough environments
- Weatherproof enclosures
- T8 LED Tubes
- Easy to clean and service
- Variety of tubes combinations (3,4,5,6)
- Impact resistant lenses
- Stainless steel hardware
- Simple mounting system—no holes to drill!



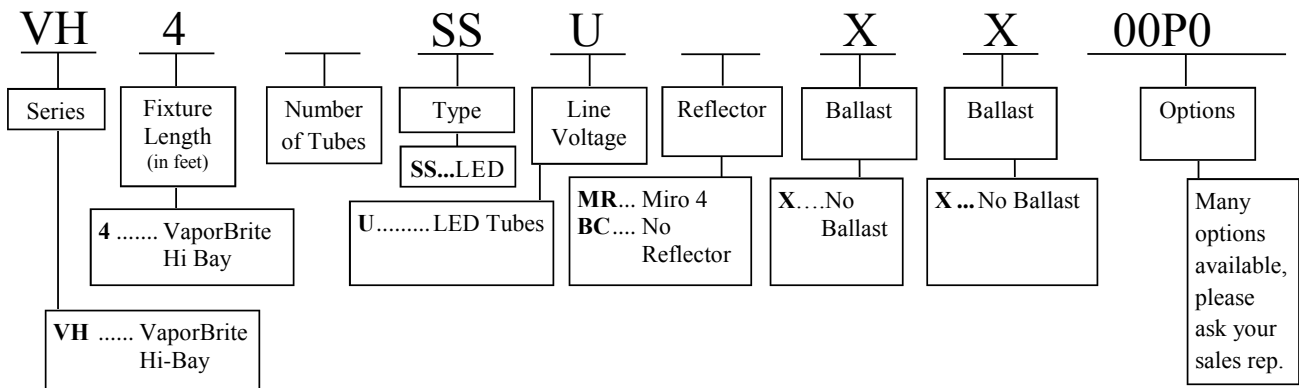
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Mounting Options



Cable Mount



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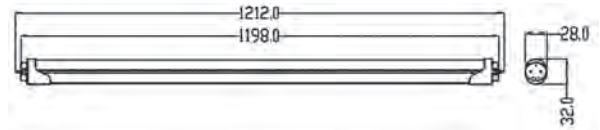
*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

15W T8 LED DUAL MODE TUBES



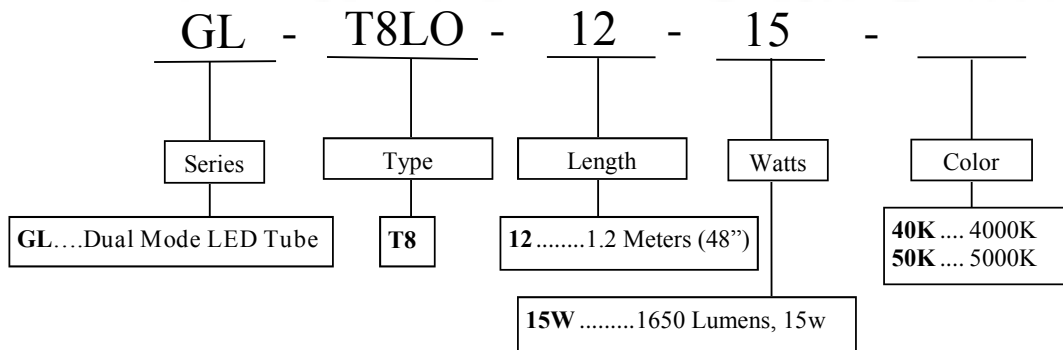
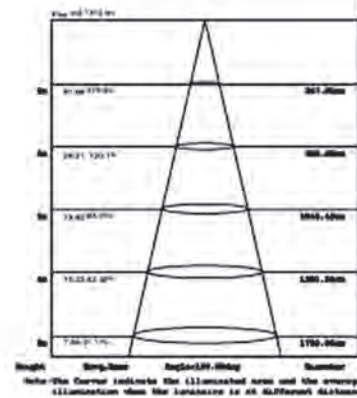
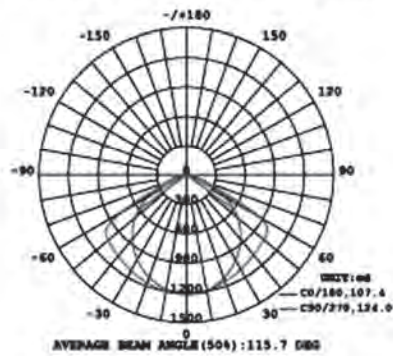
TECHBRITE
Saving energy in the best possible LIGHT

Dual Mode	Direct Replacement used with existing ballast or line voltage requiring rewiring
Size	4ft
Cover	Frosted
Color Temperature	4000K/5000K
Wattage	15w
Lumens	1650
Efficiency	110 ± 5 LPW
CRI	Ra≥80
Input Voltage	AC 100-277V
Beam Angle	120°
Working Temperature	-20°C min/45°C max
Storage Temperature	-25°C min/65°C max
Case Quantity	36



GL-T8LO-12-15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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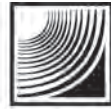
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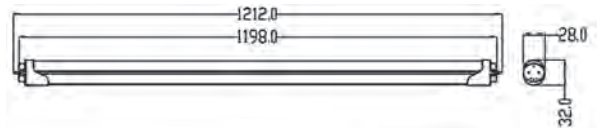
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18W T8 LED DUAL MODE TUBES



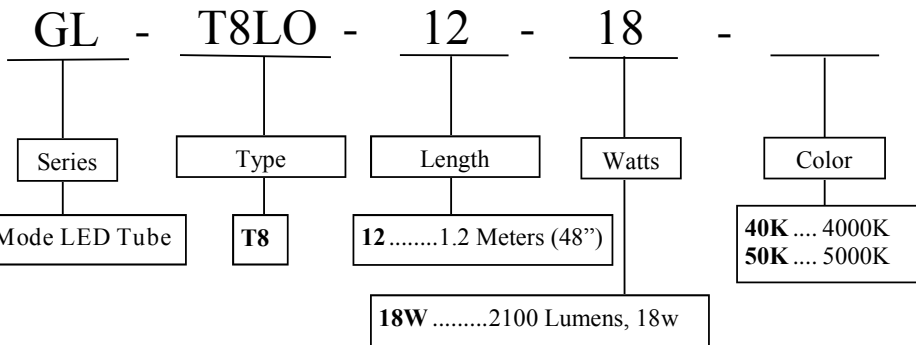
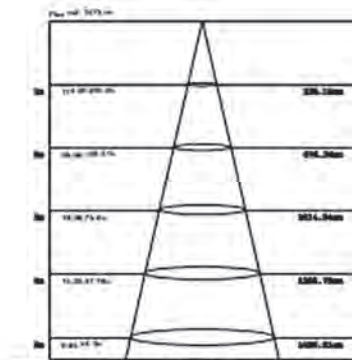
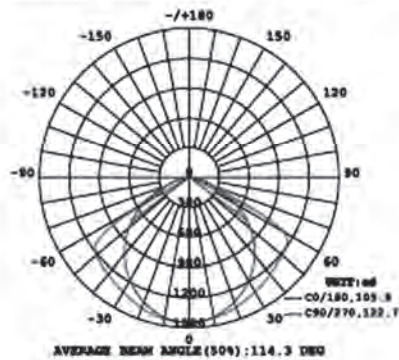
TECHBRITE
Saving energy in the best possible LIGHT

Dual Mode	Direct Replacement used with existing ballast or line voltage requiring rewire
Size	4ft
Cover	Frosted
Color Temperature	4000K/5000K
Wattage	18w
Lumens	2100
Efficiency	115 ± 5 LPW
CRI	Ra≥80
Input Voltage	AC 100-277V
Beam Angle	120°
Working Temperature	-20°C min/45°C max
Storage Temperature	-25°C min/65°C max
Case Quantity	36



GL-T8LO-12-18

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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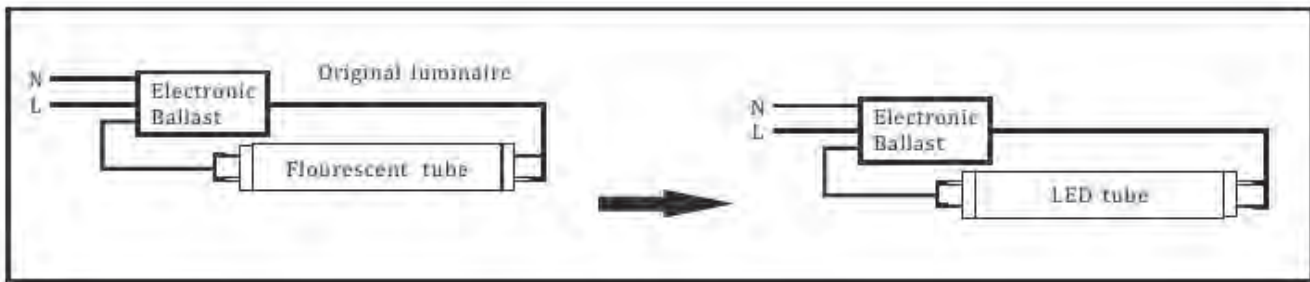
*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.



Dual Mode Tubes Installation

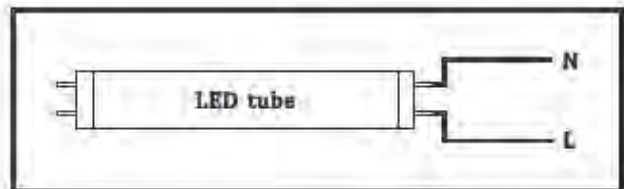
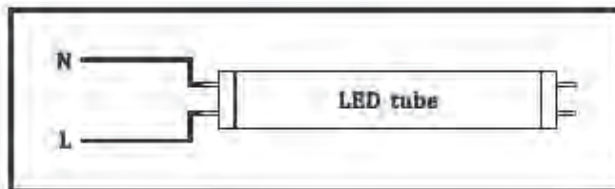
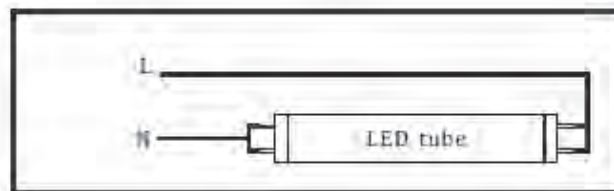
(A) WITH ELECTRONIC BALLAST



(A) Compatible with Ballast

1. Turn off the electricity supply before installation.
2. Make sure the circuit is as pictured above (image A). Please follow illustrated steps to revise the circuit.
3. Install the LED tubes in standard medium bi-pin socket using appropriate UL approved socket.
4. After modification is completed affix the "Lamping Replacement Marking" label and "Cautionary" label where visible on re-lamped or retrofitted fixture.

(B) SINGLE-ENDED OR DOUBLE-ENDED



(B) Direct Line Voltage (AC INPUT)

1. Turn off the electricity supply before installation.
2. Make sure the circuit is as pictured above (Image B). Please follow illustrated steps to revise the circuit.
3. Install the LED tubes in standard medium bi-pin socket using appropriate UL approved socket.
4. After modification is completed affix the "Lamping Replacement Marking" label and "Cautionary" label where visible on re-lamped or retrofitted fixture.

FLUORESCENT FIXTURES



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BayBrite Hi-Bay

Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair Garages
- 347-480 V Ballast Available



Door and Lens Option Shown Here

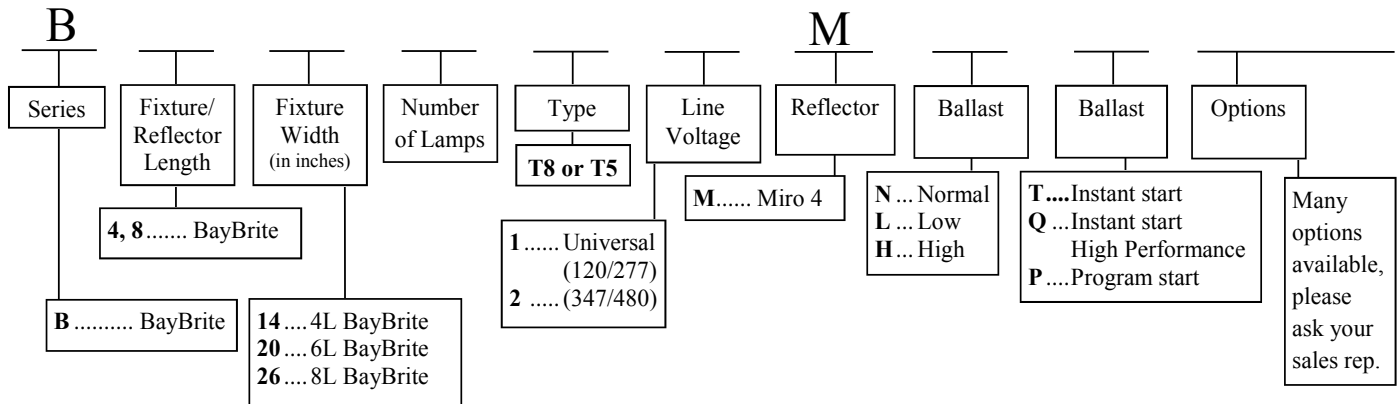
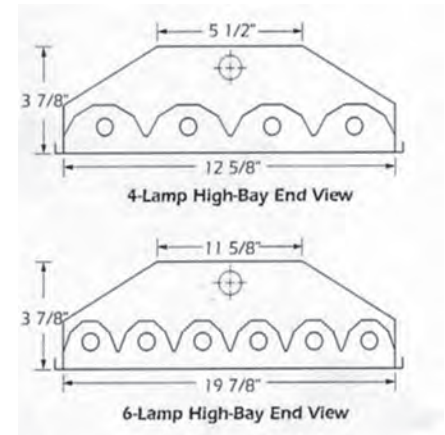
Smooth Clear Acrylic .080 thick lens

Features



Proudly made in the U.S.A

- Swing away reflector assembly for simple ballast access
- Fully enclosed fixture
- Heavy gauge construction
- Convenient knockouts for mounting and electrical supply
- T5 or T8
- UL Certified
- Standard Miro® 4 Reflector— Total luminance reflectance of 92% White/ 95% Miro® 4.
- Ballast Power Factor >98% — Low THD <10%
- Fixture > 90% efficiency
- T5 Fixture Input Watts PSH (4L—241; 6L—362)
- T8 Fixture Input Watts ISH (4L—144; 6L—222)



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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

BayBrite-Eco Hi-Bay



Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair Garages
- 347-480 V Ballast Available

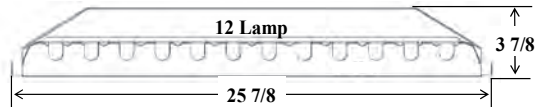
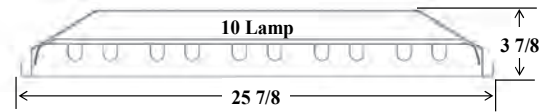
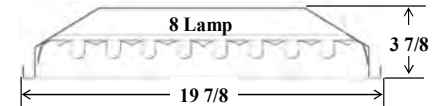
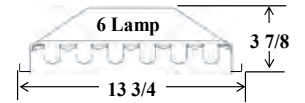


Features

- Same great features as standard BayBrite with Eco-Friendly body size
- Swing away reflector assembly for simple ballast access
- Fully enclosed fixture
- Convenient knock-outs for mounting and electrical supply
- T5 or T8
- Wireguard & Door/Lens Options Available*
- Ballast Power Factor >98% — Low THD <10%
- T5 Fixture System Watts PSH**
(6L-337; 8L-440; 10L-557; 12L-660)
- T8 Fixture System Watts ISH**
(6L-223; 8L-292; 10L-369; 12L-438)

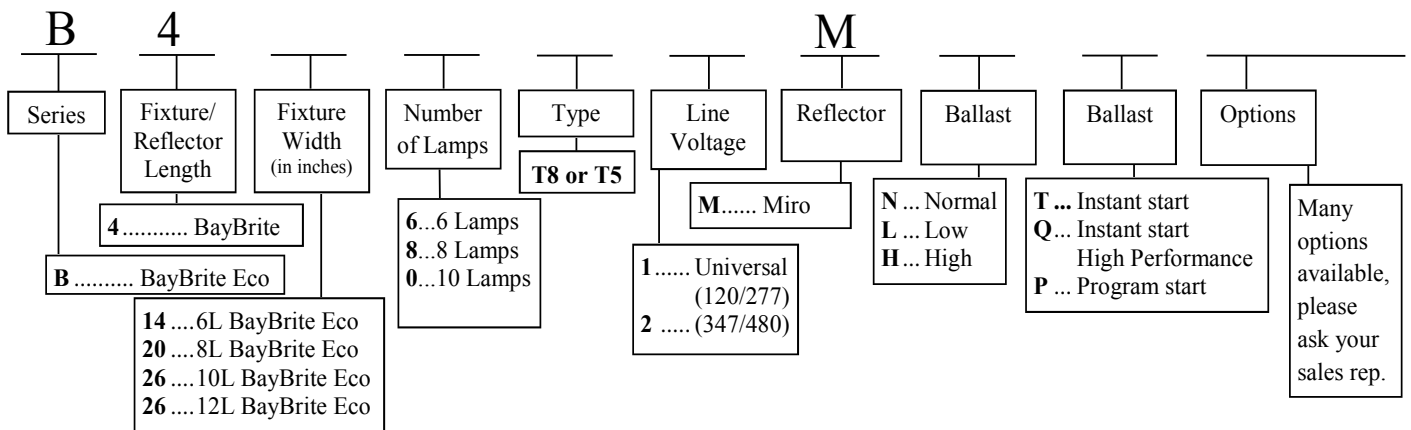


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*Door/Lens Option not available on 10 and 12 lamp fixtures

**System watts vary by factors including, but not limited to, ballast manufacturer brand and



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I-Beam Hi-Bay



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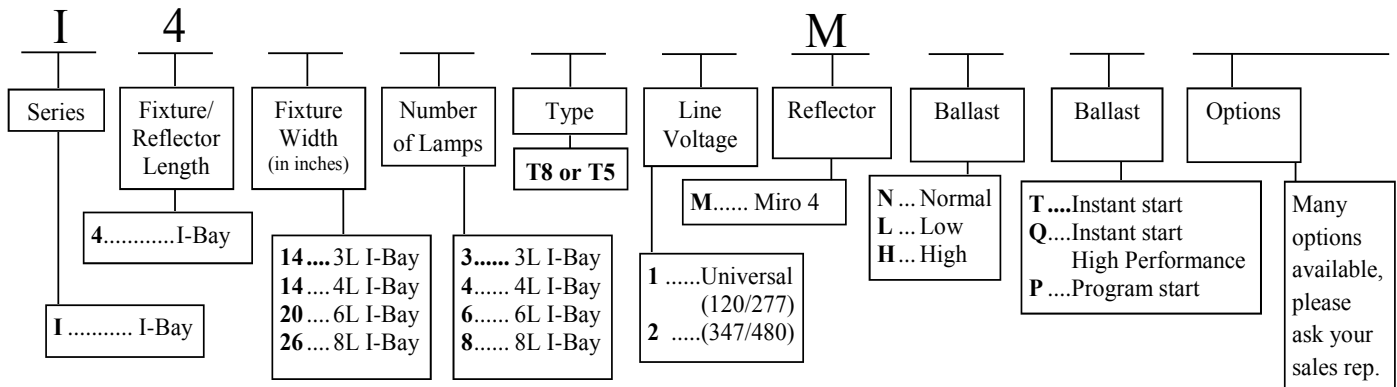
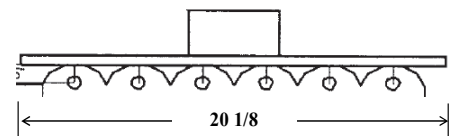
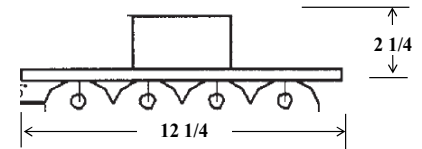
Applications

- Ideal replacements for traditional HID fixtures
- Warehouse
- Storage Facilities
- Manufacturing
- Task Lighting
- Automotive Repair Garages



Features

- Highly Efficient I-Beam-Style Hi-Bay
- Available in 4'
- Convenient knockouts for mounting and electrical supply
- T5 or T8
- UL Certified
- Fixture > 94% efficiency
- Ballast Power Factor >98% — Low THD <10%
- Total Luminance Reflectance of 92% White / 95% Miro® 4
- T8 Fixture Input Watts ISH (3L-111; 4L-144; 6L-222; 8L-288)*
- T5 Fixture Input Watts PSH (3L-182; 4L-241; 6L-362; 8L-482)*



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Strip Fixture

Applications

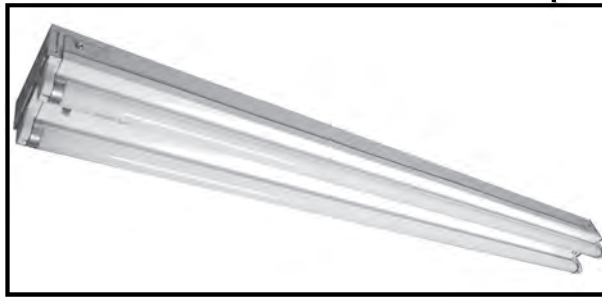
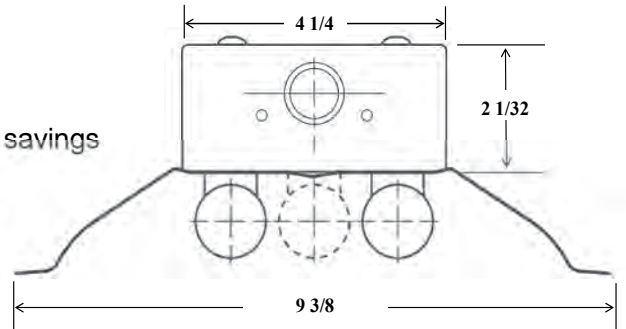
- Warehouses
- Industrial
- Garages
- Retail

Features

- Fast Installation
- Energy & operational savings
- 2', 4' and 8' fixtures
- T5 or T8
- White reflector(92% Reflectivity)
- Miro® 4 reflector (95% Reflectivity)



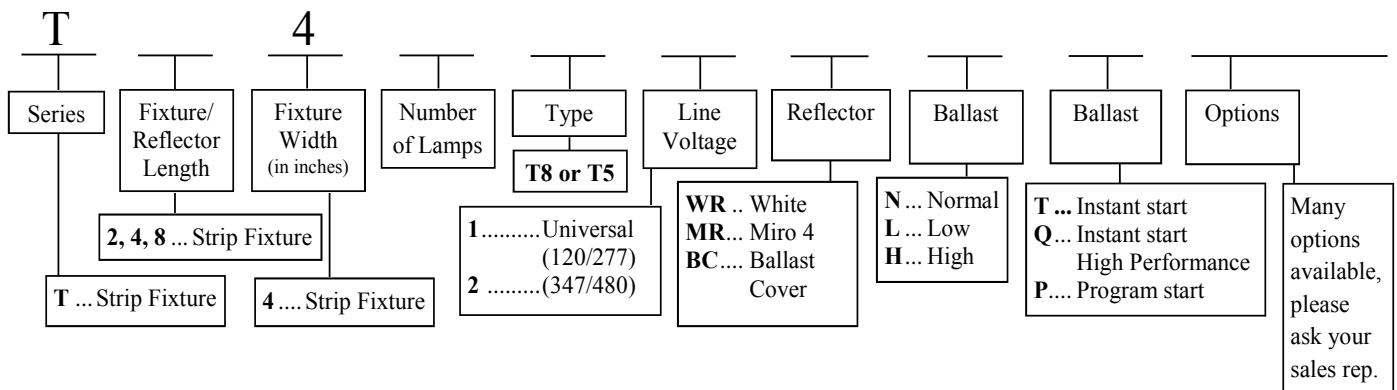
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Four Foot Fixture with Ballast Cover



Four Foot Fixture with White or Miro® Reflector



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Lay-In Troffer

Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

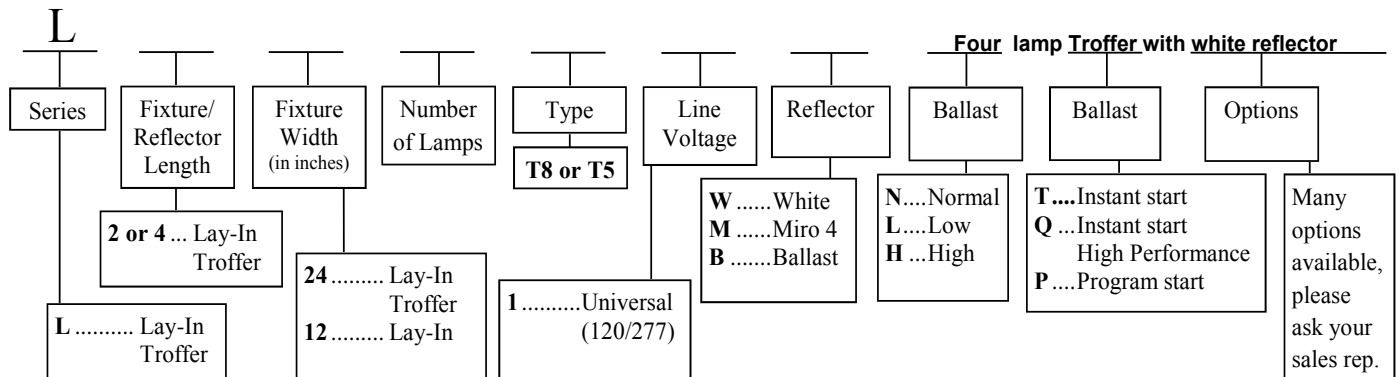
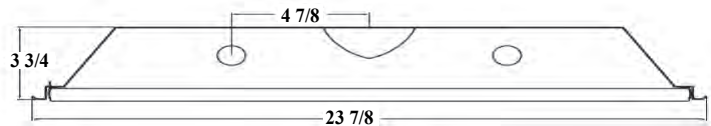


Proudly made in the U.S.A

- Lay-in Troffer available in 2x2, 2x4, 1x4
- 23 gauge high quality metal body
- Lens and Louver options
- 2, 3 and 4 lamps options T5 or T8
- White or Miro® 4 Reflector



- Total Luminance Reflectance 92% White/ 95 Miro®



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VaporBrite Hi-Bay

Applications

- Food Processing Facilities
- Refrigerated Storage
- Parking Garages
- Breweries and Bottling Facilities
- Livestock Facilities

Certifications

- Tested/Certified by NSF International
- UL Wet Location
- NEMA 4X
- IP66/IP67
- ROHS



Features

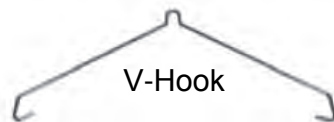
- Designed for tough environments
- Weatherproof enclosures
- T5 or T8
- Easy to clean and service
- Variety of lamp combinations (3,4,5,6)
- Impact resistant lenses
- Stainless steel hardware
- Simple mounting system—no holes to drill!



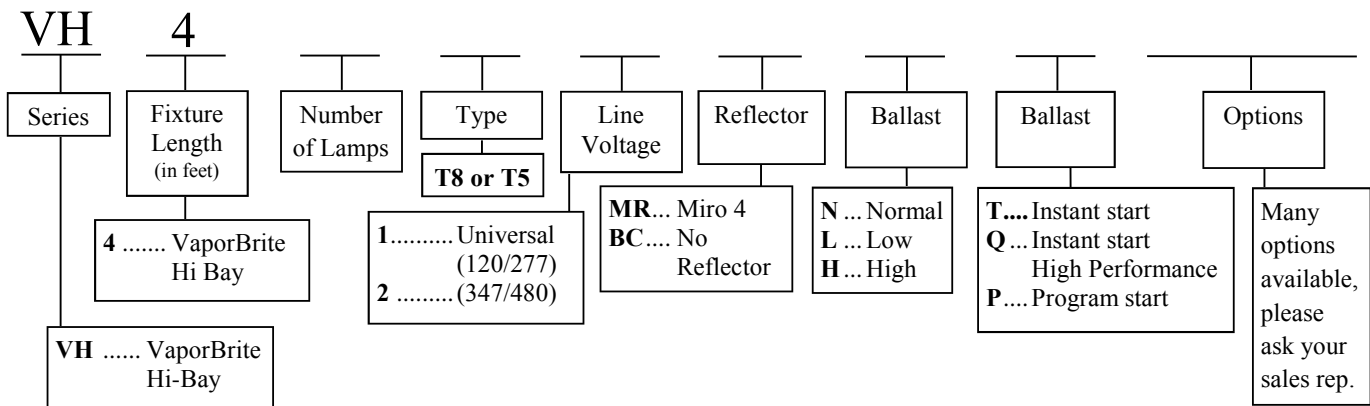
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Mounting Options



Cable Mount



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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

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VaporBrite Hi-Bay—Advanced



Applications

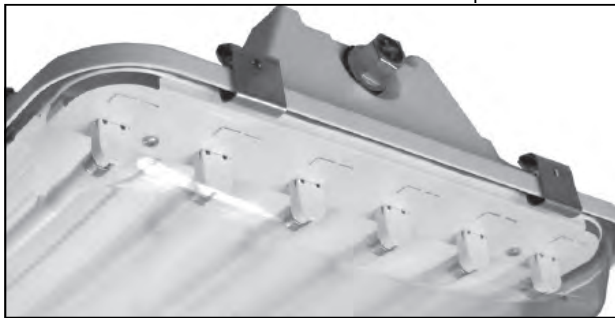
- Food Processing Facilities
- Refrigerated Storage
- Parking Garages
- Breweries and Bottling Facilities
- Livestock Facilities
- Sport Complexes
- Manufacturing Facilities

Features

- Designed for tough environments
- Gasketed Enclosure
- T5 or T8
- Easy to clean and service
- Variety of lamp combinations (4, 6)
- Impact resistant lenses
- Stainless steel hardware
- Fixture efficiency greater than 90%



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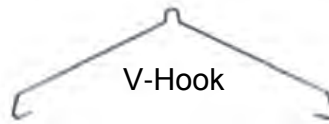


Mounting Options

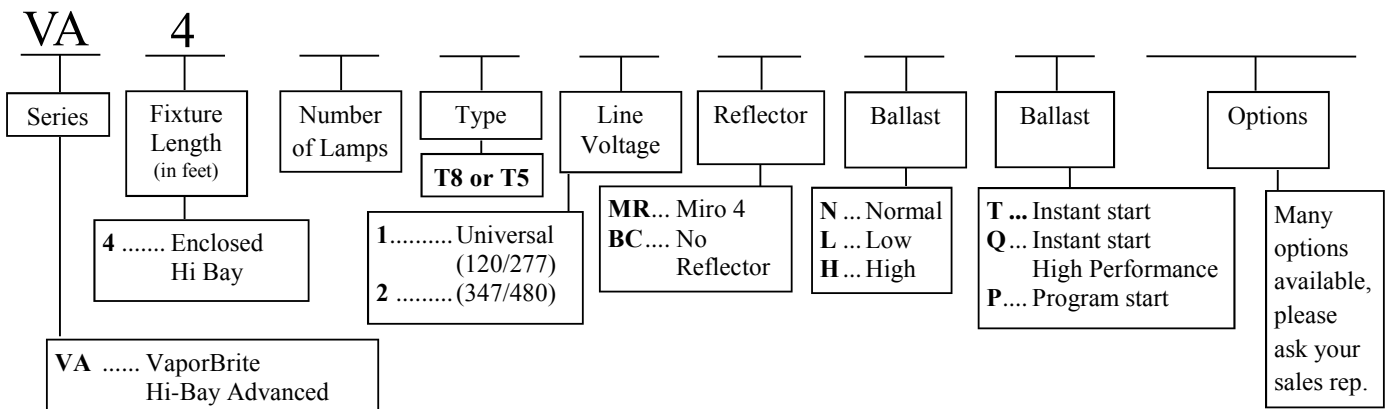
Ceiling Mount



V-Hook



Cable Mount



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*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

VaporBrite Strip



Applications

- Food Processing & Refrigerated Facilities
- Parking Garages & Traffic Tunnels
- Breweries & Bottling Facilities
- Livestock Facilities
- Exterior Retail Areas

Certifications

- NSF Component
- UL Wet Location
- NEMA 4X
- IP65/IP66/IP67
- ROHS

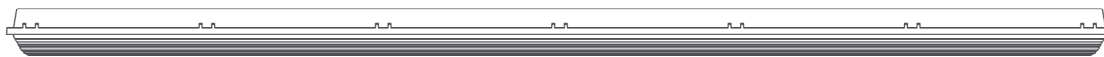
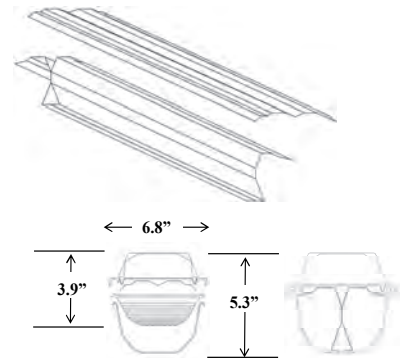
Features

- Designed for tough environments
- Weatherproof enclosures
- T5 or T8
- Lengths of 2', 4', 8'
- Variety of lamp combinations
- Breakage resistant diffusers
- Stainless steel or plastic latches
- Latches adaptable for tamper resistant applications
- Simple mounting system—no holes to drill!



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Basic or Wide Distribution Reflectors



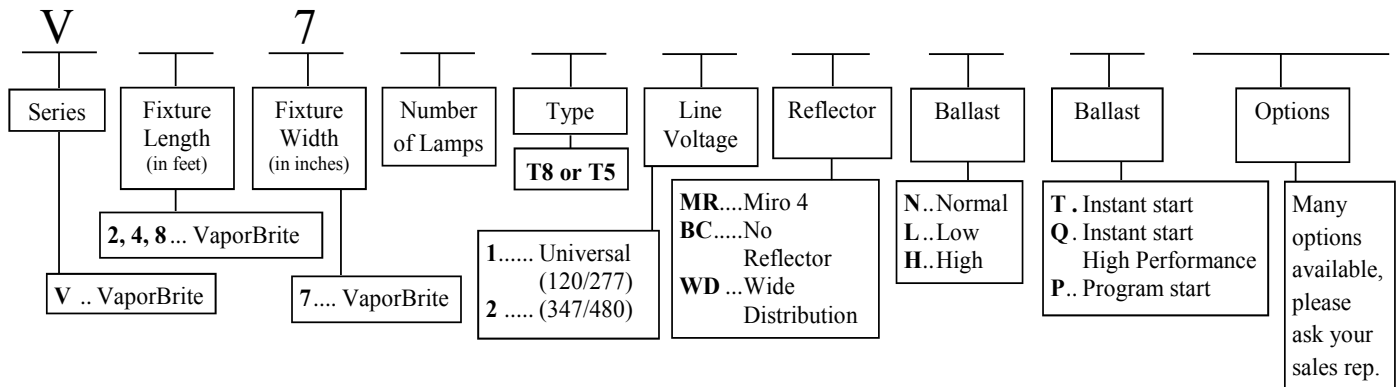
Length: 8 Ft.
6.8" W 100" L 3.9" H



Length: 4 Ft.
6.8" W 51.7" L 3.9" H



Length: 2 Ft.
6.8" W 27.7" L 3.9" H



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Surface Wrap



Applications

- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals



Features

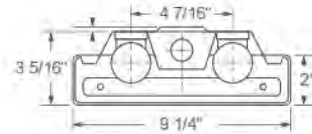
- Surface Wrap available in 9 and 15 inch widths
- 2 and 4 lamps options
- T5 or T8
- Low-profile, heavy-gauge steel housing
- Clear prismatic lens
- UL Certified



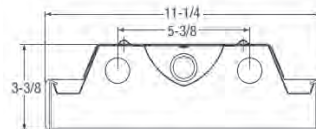
Proudly made in the U.S.A



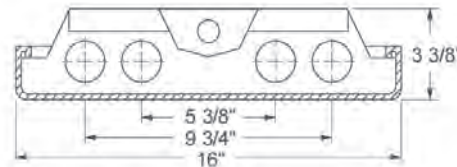
2-Lamp 9 inch Wrap with prismatic lens



9 inch wrap—4' Only

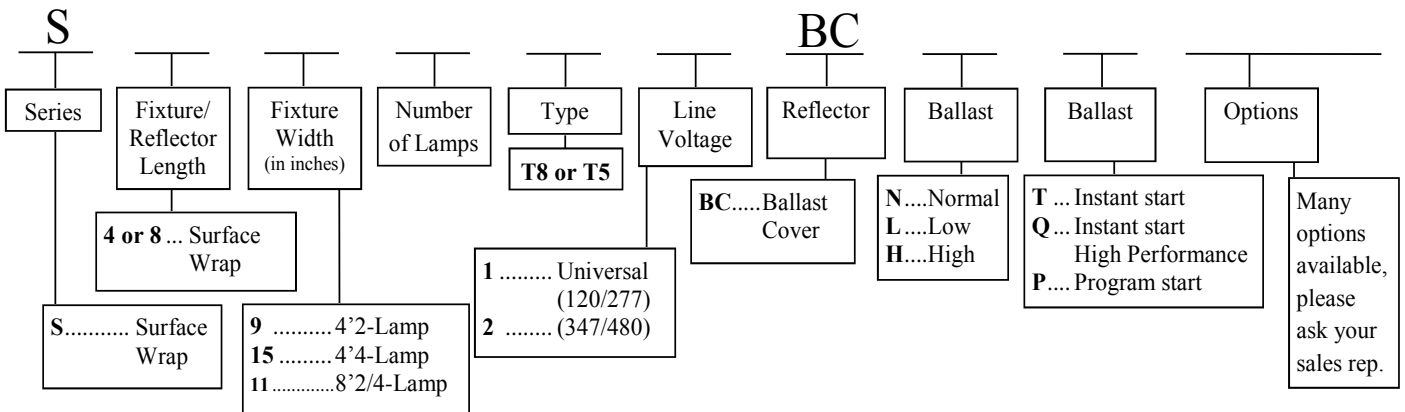


11 inch wrap—8' Only



15 inch wrap—4' Only

4-Lamp 15 inch Wrap with ballast cover



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Retro—Lay-In Troffer



Applications

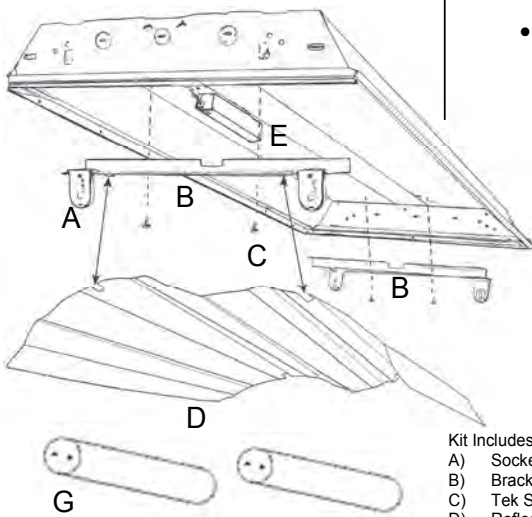
- Office
- Schools
- Universities
- Fitness Rooms
- Hospitals

Features

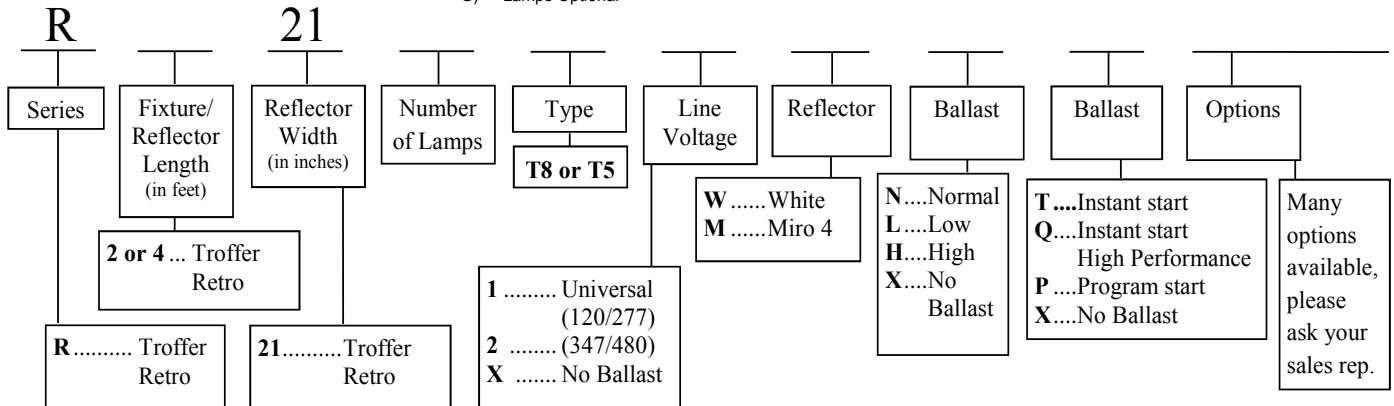
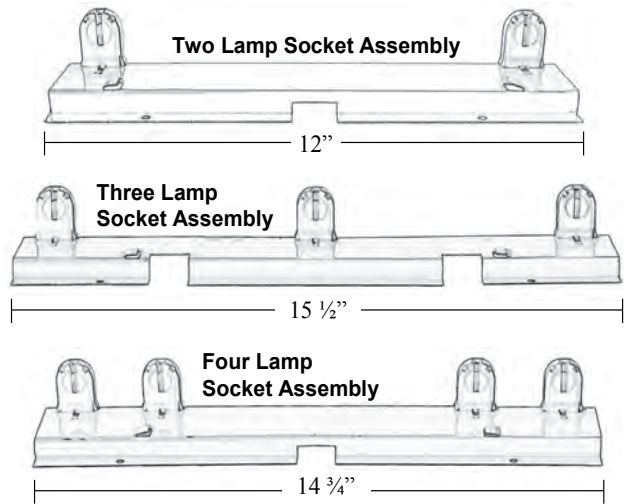


Proudly made in the U.S.A

- White Reflector—92% Reflectivity
- Miro® 4 Reflector — 95% Reflectivity
- Available in 2x2 & 2x4 — 2, 3, and 4 lamp options
- Pinch fit reflector for quick installation
- Kit includes: reflector, sockets, socket bars, mounting screws
- Optional Ballast and Lamps
- Ask for “PreWire” and we do the wiring for you!



- Kit Includes:
- A) Sockets
 - B) Brackets
 - C) Tek Screws(4 per kit)
 - D) Reflector
 - E) Ballast
 - F) Ballast Disconnect (not pictured)
 - G) Lamps Optional



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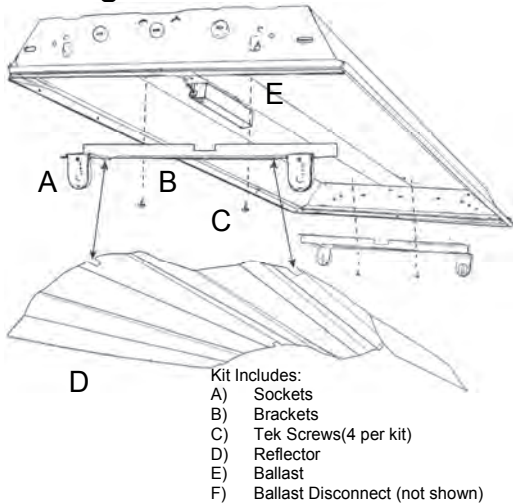


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Prewired Retro—Troffer

Installation Diagram



- Kit Includes:
- A) Sockets
 - B) Brackets
 - C) Tek Screws(4 per kit)
 - D) Reflector
 - E) Ballast
 - F) Ballast Disconnect (not shown)

Features



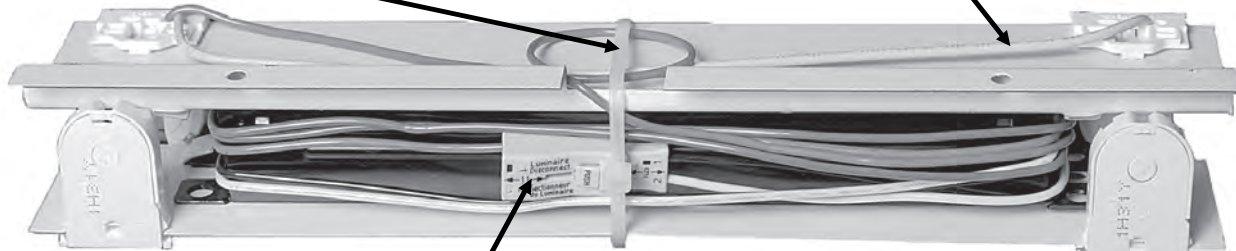
Proudly made in the U.S.A

- Convenient Pre-Assembled Package — Sockets, Brackets, Ballast, Disconnect, Jumpers
- Wiring Completed at Factory
- Ballast Disconnect Installed
- White Reflector—92% Reflectivity
- Miro® 4 Reflector — 95% Reflectivity
- Available in 2x2 & 2x4 — 2, 3, and 4 lamp options
- Pinch fit reflector for quick installation

Save Over 40% on Installation Time Per Kit!

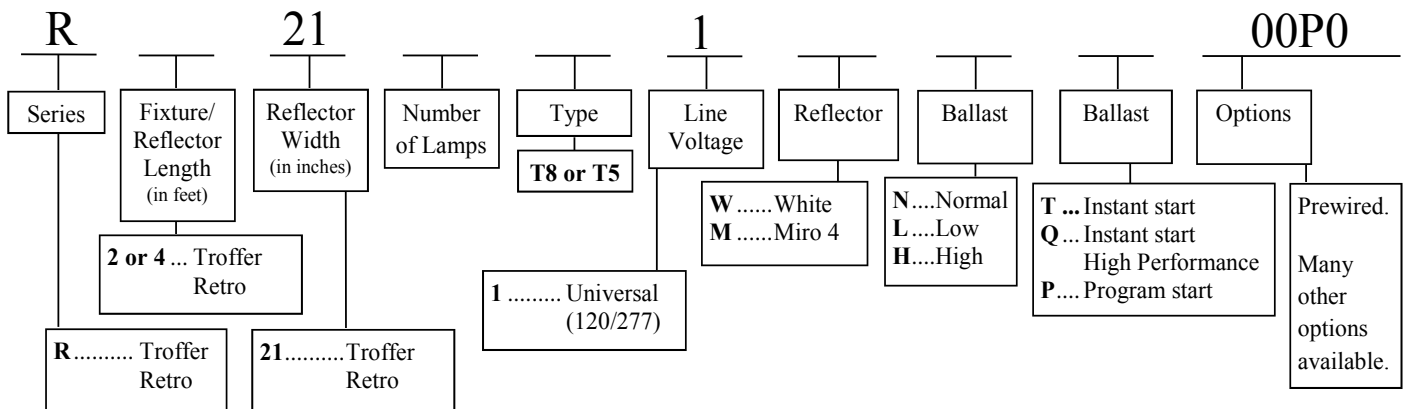
Cable Tie
(quick access to product & easy disposal)

Jumper Wire



Wago Disconnect

Socket
(assembled to bracket)



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Retro—Strip



Proudly made in the U.S.A

Applications

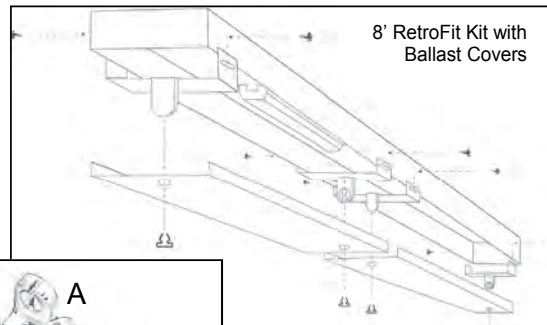
- Warehouses
- Industrial
- Garages
- Retail

Kit Includes

- Tek Screws
- Quarter Turns
- Aligning Clips (Reflector Kit Only)
- Sockets
- Brackets
- Reflectors or Ballast Covers
- Ballast (Optional)

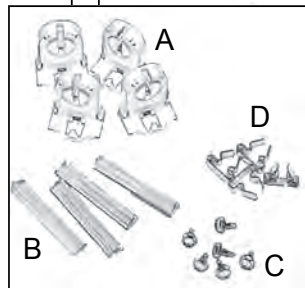
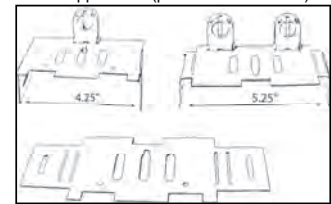
Features

- Easily convert existing fixtures
- Energy & operational savings
- Kits for 4' and 8" fixtures
- T5 or T8
- Fits 4.25" or 5" wide strip fixtures
- Ballast Cover, White or Miro® 4 reflector
- White Reflector—92% Reflectivity
- Miro® 4 Reflector —95% Reflectivity
- One piece socket bracket

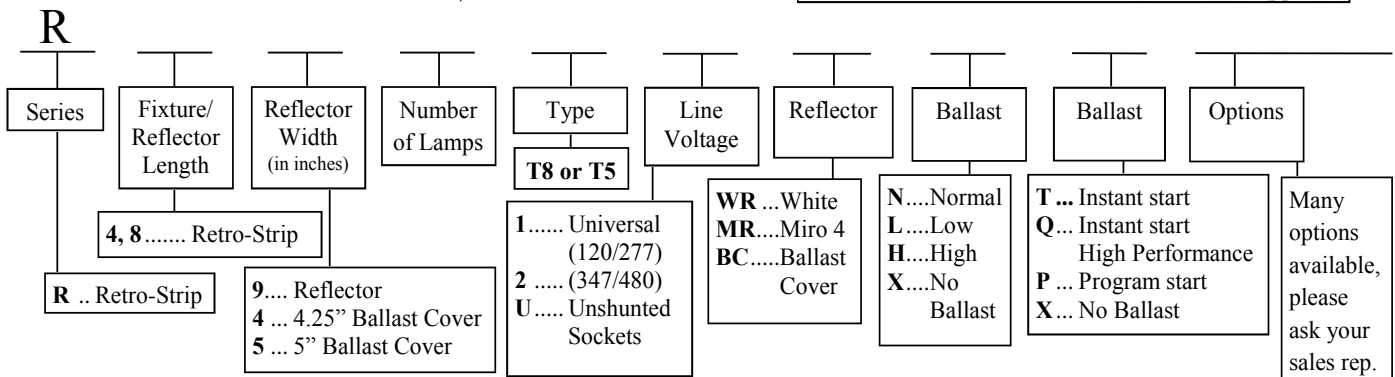
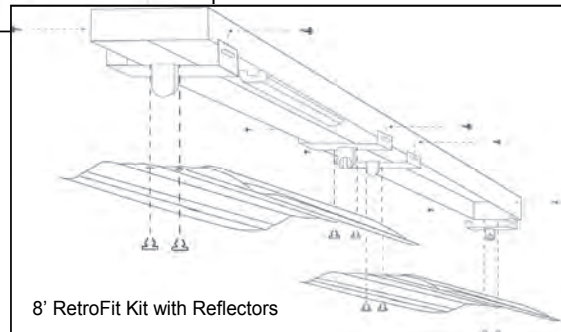


Socket Bracket

- Bent on site to allow for flexibility in fixture width
- Bracket can be used for 1 or 2 Lamp Application (per four foot section)



- Kit Includes:
- A) Sockets
 - B) Aligning Clips (Reflector kits only)
 - C) Tek Screws
 - D) Quarter Turns



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Prewired Retro—Strip

Applications

- Warehouses
- Industrial
- Garages

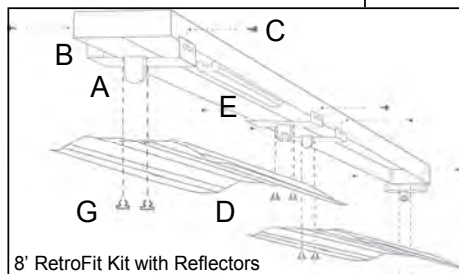
Features

- Convenient Pre-Assembled Package — Sockets, Brackets, Ballast, Disconnect, Jumpers
- Wiring Completed at Factory
 - Leads Extended on 8' Kits
 - Ballast Disconnect Installed
 - Kits for 4' and 8" fixtures
 - T5 or T8
- Improved light levels
- Ballast Cover, White or Miro® 4 reflector
- White Reflector—92% Reflectivity
- Miro® 4 Reflector —95% Reflectivity



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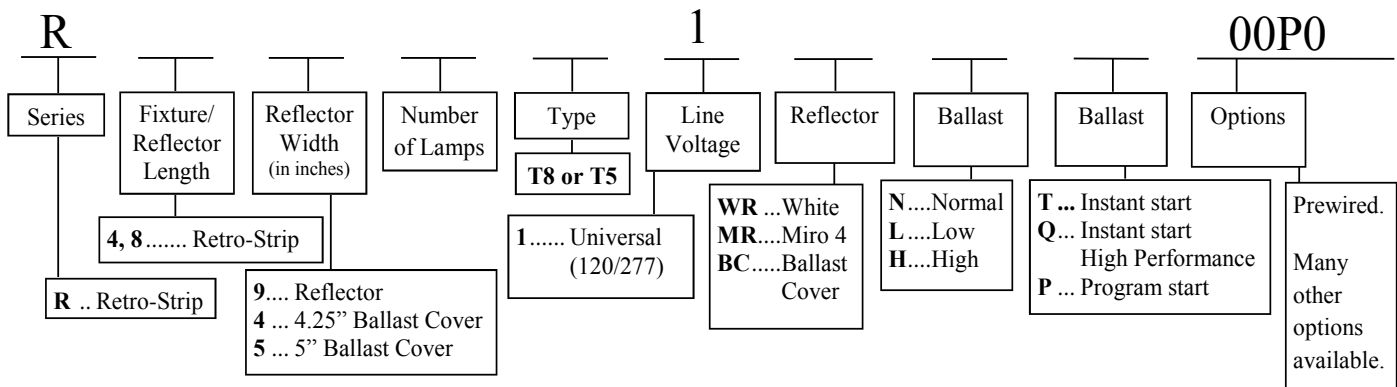
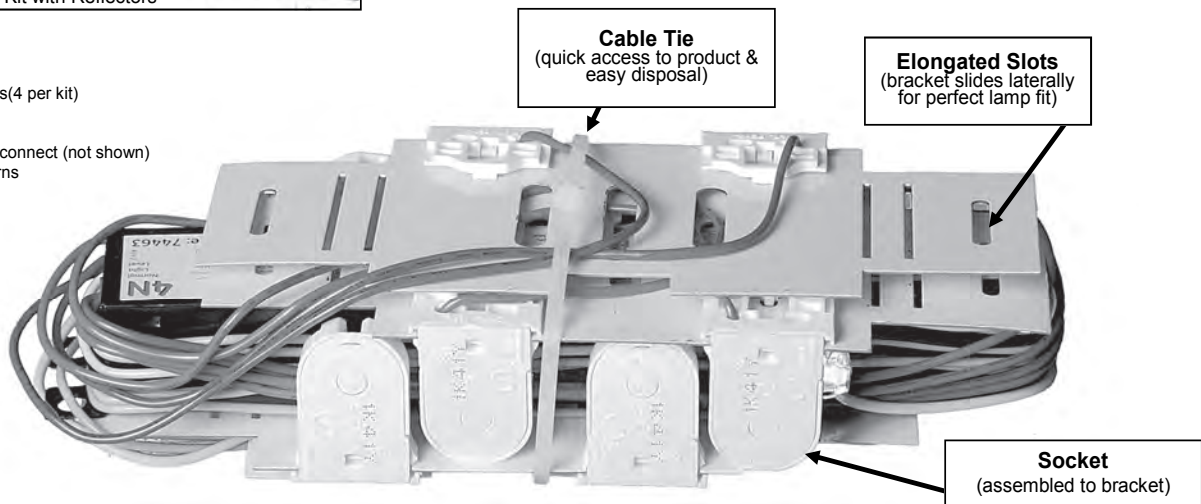
Save Over 40% on Installation Time Per Kit!



8' RetroFit Kit with Reflectors

Kit Includes:

- A) Sockets
- B) Bracket
- C) Tek Screws(4 per kit)
- D) Reflector
- E) Ballast
- F) Ballast Disconnect (not shown)
- G) Quarter turns



1000 Kieley Place., Cincinnati OH 45217

513-772-5070 office

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*Input wattage calculated using ballast manufacturer data in an open-air lamp application.

*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

Vanity Fixture



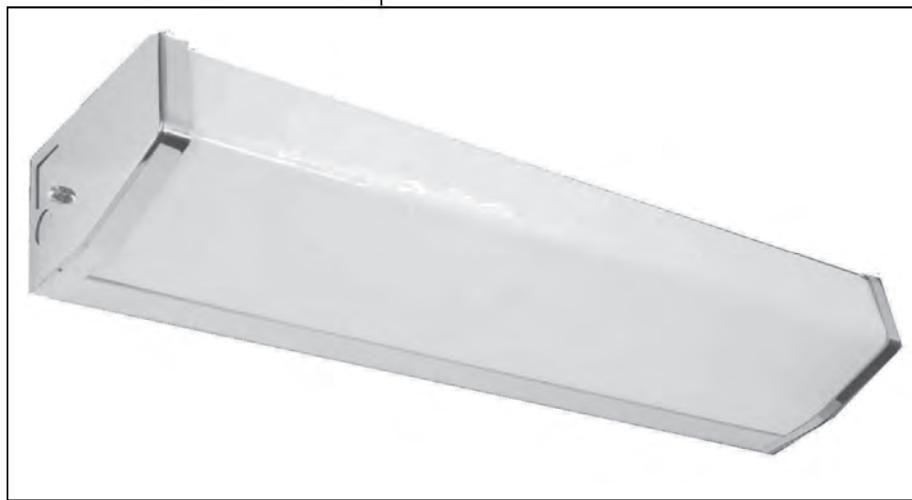
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Applications

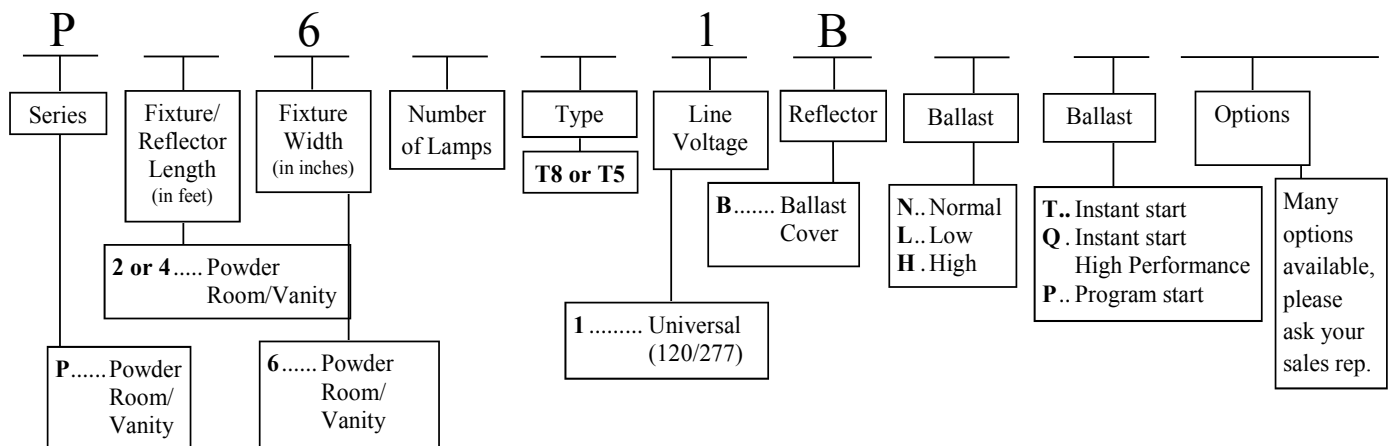
- Bathrooms
- Stairwells

Features

- Available in 2 & 4 Foot
- Smooth White Acrylic Diffuser
- Convenient Knockouts



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INSTALLATION INSTRUCTIONS

Troffer Retro Kit — Installation

Warning—Disconnect Power Before Servicing
All electrical work should be completed by a licensed electrician

Pre-Installation Work

On existing fixture, remove the lamp(s), ballast cover(s) and/or reflector(s), ballast(s), and lamp sockets, etc. If new retro fit IS prewired (see figure 1 for prewired sample) from the factory, please proceed to the installation instruction detail for **Prewired Kits**. If retro kit is NOT prewired, insert sockets (provided, Figure 6) in socket bracket (see figure 2).

Installation Prewired Kits

Attach ballast to existing fixture. Two and Four lamp ballasts should be positioned in the center of the fixture (see figure 3). Three lamp ballasts should be positioned off-center. See figure 3. (Proper ballast positioning ensures the proper fit upon reflector assembly.) Be sure to install ballast in a position allowing the black and white ballast wires to connect with appropriate line leads from electrical system. Socket bracket assembly will “dangle” from ballast wires during installation. Proceed to **Socket Bracket Assembly Installation**.

Non-Prewired Kits

If kits are not prewired from the factory, additional wiring is required. Attach ballast to existing fixture. Two and Four lamp ballasts should be positioned in the center of the fixture (see figure 3). Three lamp ballasts should be positioned off-center (see figure 3). (Proper ballast positioning ensures the proper fit upon reflector assembly.) Be sure to install ballast in a position allowing the black and white ballast wires to connect with appropriate line leads from electrical system. Proceed to wiring ballast wires to socket bracket assembly. While wiring ballast wires to bracket assembly, the socket bracket assembly (with attached ballast wires) will “dangle” from ballast wires during installation.

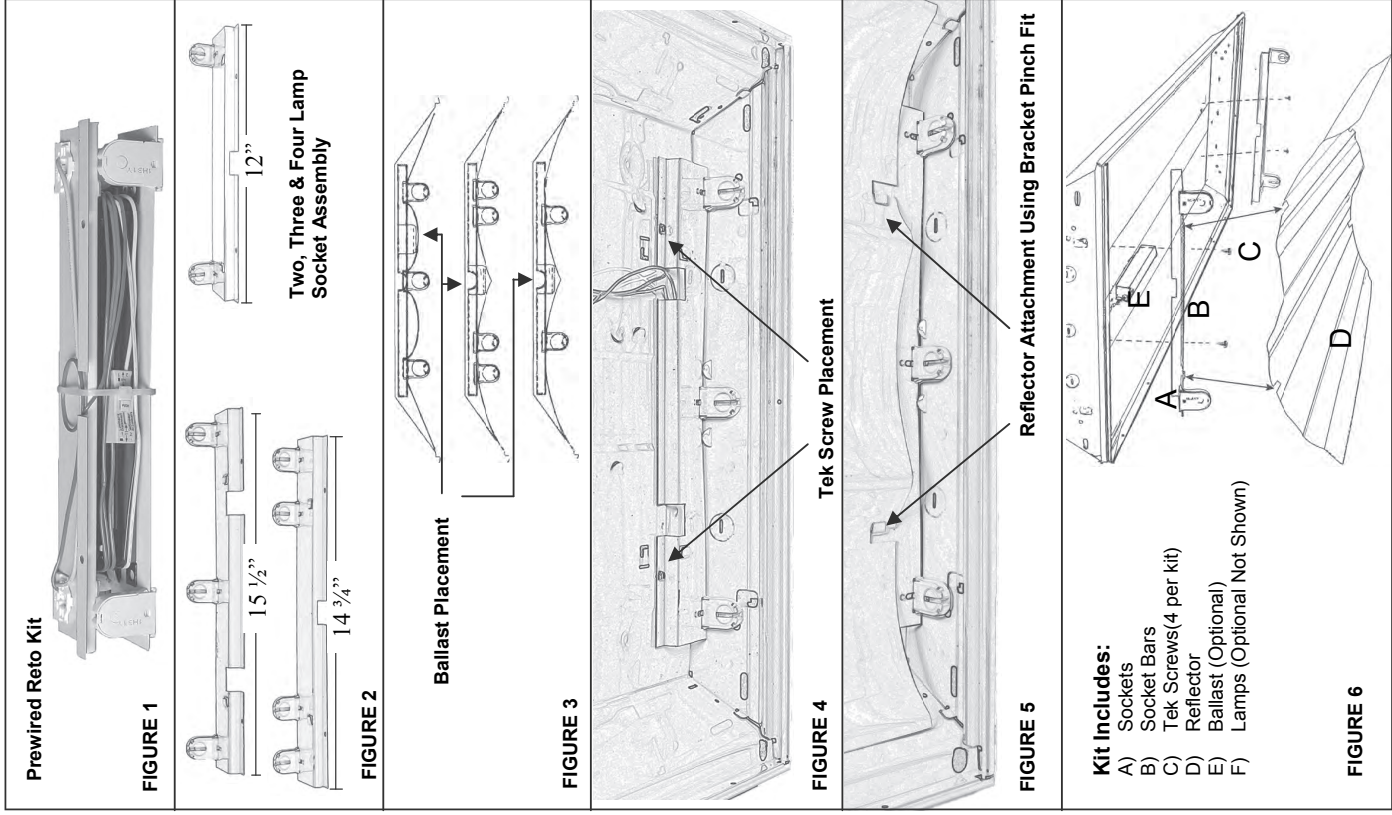
Socket Bracket Assembly Installation

Attach the socket bracket assembly to existing fixture using Tek screws (see figure 4)

Final Installation

Connect ballast wires to the appropriate line leads from electrical system according to the ballast manufactures guidelines.

Attach reflector to brackets using the corresponding reflector notch and bracket pinch (see figure 5).



Strip Fixture Retro Kit — Installation

Warning—Disconnect Power Before Servicing
All electrical work should be completed by a licensed electrician.

Pre-Installation Work

On existing fixture, remove the lamp(s), ballast cover(s) and/or reflector(s), ballast(s), lamp sockets, etc. If new retro fit IS prewired from the factory, please proceed to the installation instruction detail for prewired kits. If new retro kit is NOT prewired, insert sockets provided (figure 1) in socket bracket (figure 2). Note, socket bracket can be used for one (figure 2a) or two (figure 2b) lamps per four foot section. Total number of lamps per four foot section determines the appropriate socket assembly.

Installation Prewired Kits

Attach ballast to existing fixture. Be sure to install ballast in a position allowing the black and white ballast wires to connect with appropriate line leads from electrical system. Socket bracket assembly will “dangle” from ballast wires during installation.

Non-Prewired Kits

If kits are not prewired from the factory, additional wiring is required. Attach ballast to existing fixture. Be sure to install ballast in a position allowing the black and white ballast wires to connect with appropriate line leads from electrical system. Proceed to wiring ballast wires to socket bracket assembly per manufacturer’s wiring instructions. Eight foot fixtures generally require one ballast lead to be extended to reach the end of the fixture. While wiring ballast wires to bracket assembly, the socket bracket assembly (with attached ballast wires) will “dangle” from ballast wires during installation.

Socket Bracket Assembly Installation

Bend socket bracket to the width of the fixture by wrapping around the outside of the existing fixture channel (figure 4). Attach the socket bracket assembly to existing fixture using Tek screws provided (figure 1) leaving an approximate 1/8” gap between the end of the fixture and the socket bracket assembly (figure 4). This allows proper connection of lamp to socket. For eight foot fixtures, install the socket brackets to the end of the fixture (as described above). Determine center point of the existing fixture. Install two center socket bracket assemblies to the center of the fixture (figure 3). Insert the Tek screw in the center of the Tek Screw slot on the bracket assembly (figure 4). Lateral adjustments can be easily made by loosening the Tek screw on either side of the fixture and sliding the socket bracket assembly to ensure proper fit (figure 4).

Final Installation

Connect ballast wires to the appropriate line leads from electrical system according to the ballast manufacturer’s instructions. Using the quarter-turn fasteners (figure 1, 6 & 7), connect the ballast cover or reflector (figure 6 & 7). If using an eight foot reflector kit align and connect the reflectors at the center of the fixture with the plastic aligning clips provided (figure 1 & 8).

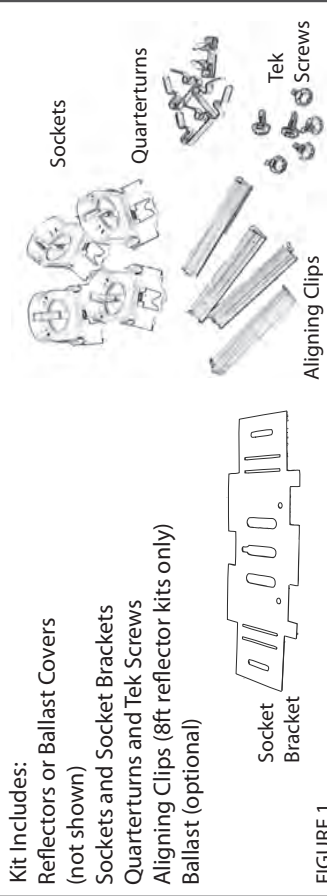


FIGURE 1

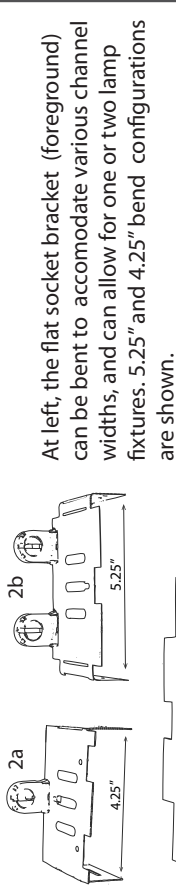


FIGURE 2

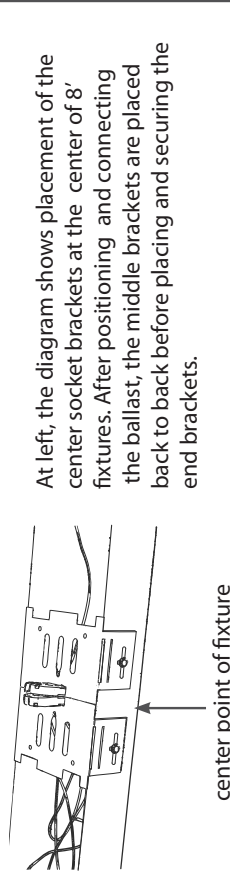


FIGURE 3

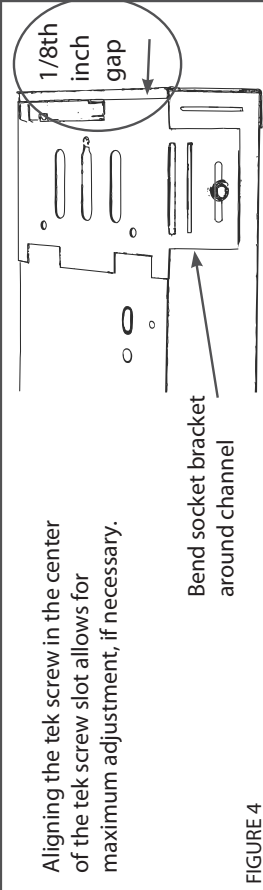


FIGURE 4

Strip Fixture Retro Kit — Installation



Shown above is a 4ft strip fixture with ballast cover. End socket brackets are placed at each end of the fixture. 8ft fixtures (at right and bottom) contain middle socket brackets as well.

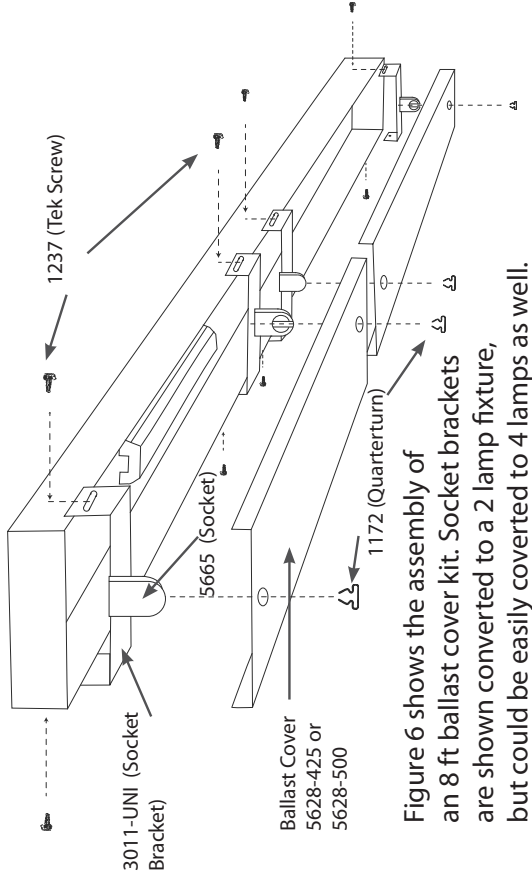


Figure 6 shows the assembly of an 8 ft ballast cover kit. Socket brackets are shown converted to a 2 lamp fixture, but could be easily converted to 4 lamps as well.

FIGURE 6

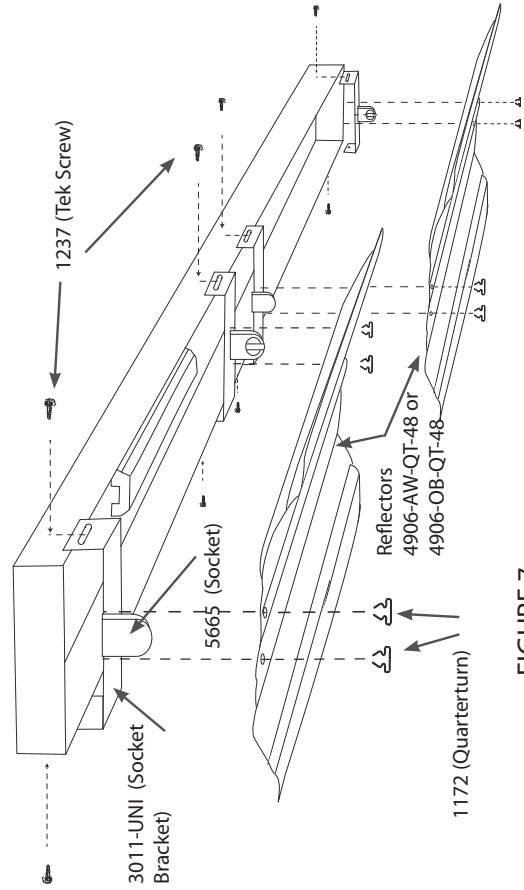


Figure 7 at left shows the assembly of an 8ft reflector kit. The only difference is the use of reflectors instead of ballast covers. Plastic aligner clips are also placed on adjoining reflectors allowing them to remain even.

FIGURE 5

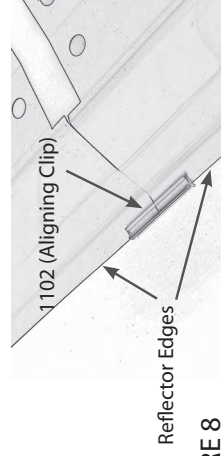


Figure 8, at right, shows placement of the aligning clip which is used to maintain even edges on adjoining reflectors.

FIGURE 8

FIGURE 7

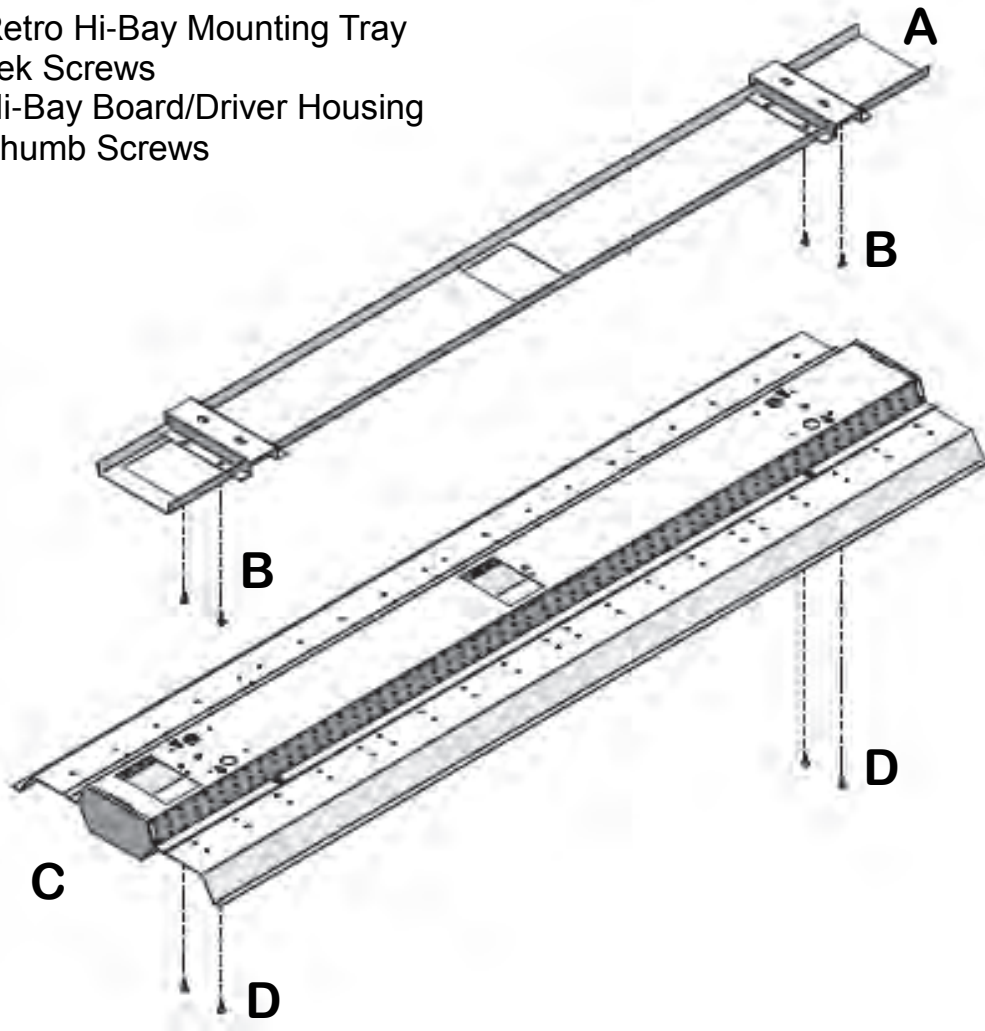


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Saving energy in the best possible LIGHT

LED Retro Hi-Bay Installation Instructions

- A) Retro Hi-Bay Mounting Tray
- B) Tek Screws
- C) Hi-Bay Board/Driver Housing
- D) Thumb Screws



- 1) Remove all electrical and steel components from inside of existing fixtures (socket plate, reflector, ballasts)
- 2) Install Retro HB Mounting Tray (A) into existing fixture with 4 tek screws (B– Provided).
- 3) Ensure Mounting Tray is centered in existing fixture.
- 4) Make electrical connection using existing power to the disconnect on the HB Board/ Driver Housing (C).
- 5) Install HB Board/Driver Housing (C) to the HB Retro Mounting Tray using 4 thumb screws (D-Provided).



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*Actual fixture wattage may vary based upon a variety of factors including: ballast factor; lamp wattage; input line voltage; ballast manufacturer; and/or environmental temperature.

LED Fixture Limited 5 Year Warranty

Subject to the provisions set forth, TechBrite, LLC warrants its commercial grade fixture's electrical components, installed within the fixture, to be free from defects in material and workmanship for a period of (5) years, from the date of manufacture, unless otherwise noted on the individual fixture specification sheet and/or literature. These components include the driver and the lighting emitting diodes (LEDs), installed by TechBrite LLC within the Luminaire subject to exclusions, as detailed below. There are no other implied warranties.

This limited warranty applies when the Luminaire and its Components are properly installed by a qualified electrician, with local code compliance. Non-Electrical Components are warranted for a period of one year only, as outlined in the TechBrite LLC Standard Warranty.

Light Emitting Diodes (LED's) will be considered defective in material or workmanship, only if 15% or more fail to illuminate, per each board. Remedy and Liability is limited to repair or replacement of the defective Components only, at TechBrite LLC's choice. TechBrite LLC does not consider LEDs defective if they are altered in any way, including but not limited to, damage upon installation, damaged by an outside force, changed with other LEDs not originally supplied, or similar LEDs after installation.

The Luminaire must:

- Be operating on the correct line voltage and under normal conditions and use.
- Be operating at or below the specified ambient temperature allowance specified on the manufacturer's driver label and/or product literature.

TechBrite LLC is not responsible for:

- Defects or failures in Components in the event of acts of nature; acts of God; exposure to chemicals (hazardous, corrosive, harsh cleaning or otherwise); vandalism; fire; power failure, spikes, surges or decreases; excessive vibrations; improper controlling or switching; infestation (animal, insect); improper installations; maintenance or service of; third party claims; or any other claims outside of TechBrite LLC's control.
- Component damage caused in transit, mishandling, misapplication, or by abnormal stresses, will void the warranty.

TechBrite LLC does not support labor allowance to be allowed without written authorization from TechBrite LLC. In no way does this state or imply, that labor allowances will be considered or even authorized by TechBrite LLC.

Claims for defective components must be made directly to TechBrite LLC, within 10 business days of failure, or the warranty is void.



Warranty Statement

A. LIMITED WARRANTY

TechBrite warrants to the customer for resale only that TechBrite lighting products are free from defects in materials and workmanship. The obligation of TechBrite under this warranty is expressly limited to repair or replacement without charge, at the sole discretion of TechBrite, of defective products within a period of 12 months from the date of shipment.

TechBrite fixtures and reflectors are warranted under the original material supplier's warranties. Warranties shall not apply to damage resulting from alteration, misuse, neglect, unauthorized repair, or improper cleaning. Furthermore, TechBrite makes no warranty that the fixture or reflector is saleable or fit for any application not described herein. TechBrite shall not be liable for any damages (incidental, consequential, or otherwise) arising from product defects. Standard product warranty is 12 months from date of shipment.

Fluorescent ballasts, lamps, sensors, lamp holders, and mounting cables are not manufactured by TechBrite. TechBrite's warranty does not apply to any of the above items or any other items not manufactured by TechBrite. See specific manufacturer's warranty for the products above.

B. LIMITATION OF REMEDIES

Should the fixture or reflector develop a condition of deterioration in contravention of the respective warranty during the respective warranty period, TechBrite's only obligation and Purchaser's exclusive remedy of the defective product is replacement of the defective product, excluding installation, upon notification thereof and substantiation that the product has been stored, installed, maintained, transported, operated, and serviced in accordance with TechBrite's written instructions and specifications.

C. CLAIMS PROCEDURE

If Purchaser desires replacement under the terms in this statement, he/she shall make a written request/claim for such to TechBrite within five (5) days of Purchaser's discovery of the condition requiring such replacement, and obtain a Return Goods Authorization number (RGA). Upon receipt of the RGA, the defective Product shall be returned, freight prepaid.

Underwriter's Laboratories Classification

All TechBrite reflectors and fixtures comply with the Standard for Fluorescent Lighting Fixtures, U.L. 1570. The reflectors used in TechBrite retrofit systems meet minimum UL requirements to serve as covers for ballasts and wiring. They are not intended for use as direct support of components or "live" parts.

Terms

- Freight damage must be noted with carrier and reported to us upon receipt.
- Terms are Net 30 with pre-approval.
- Late payments are subject to additional charges.
- All returns must be accompanied by R.G.A., subject to 25% restocking fee on standard products.
- Custom products cannot be returned if they meet original purchase order requirements.
- Customer is responsible for inbound and outbound freight on non-stock items ordered. (i.e., wire guards, motion control, parabolic louvers, tube guards, sockets, lamps, and ballast. Could include other accessories as well.)

*Some exclusions apply.



TECHBRITE™

More Green. Less Cost. Higher Savings.

- Easy-to-install RetroFit Kits designed to reduce installation time
- Reflectors and ballast covers for nearly every kind of commercial or industrial application
- No tools required for ballast access on nearly every fixture
- Customized ballast, lamp and sensor solutions