

# HOWARD™

## LIGHTING PRODUCTS

a Division of Howard Industries, Inc.

# RAPID SHIP

# GUIDE



**Customer Service**

Fax: 601.422.1652

**Revision Date: 05/19/2020**

Visit us online at [Howard-Lighting.com](http://Howard-Lighting.com) or call us at 800.956.3456

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## LIGHTING PRODUCTS

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### ABOUT US

Howard Lighting offers a complete line of lighting products including fixtures, lamps, and ballasts. Our fixture line includes a full range of modern, high efficiency LED products, most of which meet the latest DLC requirements. We also continue to offer many popular legacy fluorescent, HID, and Halogen lighting fixtures. Howard's lamp offerings include LED retrofit, linear fluorescent, compact fluorescent, high intensity discharge (HID), and halogen. Our ballast line-up includes electronic and magnetic fluorescent as well as magnetic HID ballasts. Howard Lighting is continually upgrading existing products and introducing new ones in order to provide leading edge products that meet the ever-changing demands of the lighting market.



**CALL YOUR HOWARD LIGHTING REP NOW!**

**1.800.956.3456**

# 2020

## **Rapid Ship Guide**

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# Mini High Bay

Value & Performance — You Deserve Both.



Proudly  
Designed & Assembled  
IN THE USA\*



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for the Qualified Product List



## MHB Mini High Bay

UPC	Model	Description
08649	MHBA5K0MV	16" x 14" MHB Highbay, 15,250 Lumens, 95W, CCT=5000K, No Lens, 120-277V, No FIO's, no cord-set
08758	MHBB5K0MV	16" x 14" MHB Highbay, 22,500 Lumens, 155W, CCT=5000K, No Lens, 120-277V, No FIO's, no cord-set
08650	MHBC5K0MV	16" x 14" MHB Highbay, 28,500 Lumens, 195W, CCT=5000K, No Lens, 120-277V, No FIO's, no cord-set
09035	MHBE5K0MV	30" x 14" MHB Highbay, 46,500 Lumens, 310W, CCT=5000K, No Lens, 120-277V, No FIO's, no cord-set
08952	MHBF5K0MV	30" x 14" MHB Highbay, 56,000 Lumens, 385W, CCT=5000K, No Lens, 120-277V, No FIO's, no cord-set

# Micro High Bay

Incredible illumination, micro footprint, quick install



Visit [www.designlights.org](http://www.designlights.org)  
for the Qualified Product List



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UPC	Model	Description
	MIHB-A5K0MV	LED Micro-Highbay, 75W, 10,500 Lumens, CCT=5000K, No Lens, 120-277V, No FIO's, No Power Cord
	MIHB-B5K0MV	LED Micro-Highbay, 95W, 14,000 Lumens, CCT=5000K, No Lens, 120-277V, No FIO's, No Power Cord

## High Bay Accessories - Field Installed

UPC	Model	Description
02727	HF 3CV	3' Hanging Chain & V-clips
08451	HF-WCH 3	Wire cable hanging kit (2 pcs. Per kit; 5-FT LONG)
08416	HF-WCH3-10	Wire cable hanging kit 10ft (2 pcs. Per kit)
	CO-01AP	1: Cord, 6', no plug
05678	CO600-10-183SEOW-SR	2: Cord, SEOW, 18/3, 10-ft, w/ Strain Relief Bushing
99739	CS120-6-L515-183-SR	3: Cordset, 120V Cord, 18-3 / 6-ft, L5-15 Plug (Twist Lock), w/ SR Bushing
99784	CS120-6-515-183-SR	5: Cordset, 120V Cord, 18-3 / 6-ft, 5-15 Plug, w/ Strain Relief Bushing
99740	CS277-6-L715-183-SR	7: Cordset, 277V Cord, 18-3 / 6-ft, L7-15 Plug (Twist Lock), w/ SR Bushing

\*Foreign and domestic components.

## LED UFO High Bay LUHB Series



LUHB - MV Models

LUHB - HV Model

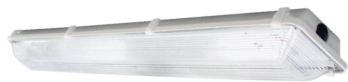
UPC	Model	Description
09112	LUHB50AMV	LED Luminaire, 100W, 13,000 Lumens, 5000K CCT, 120-277V 60Hz
09111	LUHB50BMV	LED Luminaire, 150W, 19,500 Lumens, 5000K CCT, 120-277V 60Hz
09110	LUHB50CMV	LED Luminaire, 200W, 26,000 Lumens, 5000K CCT, 120-277V 60Hz
09109	LUHB50DHV	LED Luminaire, 300W, 40,500 Lumens, 5000K CCT, 277-480V 60Hz

## LED UFO High Bay LUHB2 Series

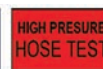


UPC	Model	Description
09112	LUHB250XMV	LED Luminaire, 150W, 20,100 Lumens, 5000K CCT, 120-277V 60Hz

## Vaporproof Strip LED 4ft/8ft VSL Series



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UPC	Model	Description
9143	VSL4F05540U	VSL4, Vaporproof LED, Frosted Acrylic Lens, 7,700 Lm, 55W, 4000K, Universal Voltage 120-277V, No FIO's, No Power Cord

## Vaporproof Strip LED 4ft VSB Series



UPC	Model	Description
08588	VSB4A216D	VSB4, Vaporproof Strip LED Fixture, Impact Resistant Acrylic Lens, 2-Lamp 16w T8 Type-B LED (F32T8/850/LED/16w/AC) Lamp Installed, Multi-Volt, No FIO's, w/o Power Cord, Mounting straps included, Ind. Carton

\*Foreign and domestic components.

## Vaportight Strip LED 4ft EVSL Series\*



UPC	Model	Description
09125	EVSL44040MV	EVSL Series VAPORPTIGHT STRIP, 5,200 Lm, 40W, 4000K, 120-277V
09126	EVSL46540MV	EVSL Series VAPORPTIGHT STRIP, 8,450 Lm, 65W, 4000K, 120-277V
09127	EVSL46550MV	EVSL Series VAPORPTIGHT STRIP, 8,500 Lm, 65W, 5000K, 120-277V

\*Need metal latches? Order accessory EVSL4-MT-LATCH

## LED Troffer Retrofit Kit LTRK Series



Howard's LED Troffer Retrofit will replace existing linear fluorescent troffer fixtures or louvers using the existing housing. Using high quality, energy saving LEDs, this fixture will last much longer than fluorescent lighting and provide better light output.

### Benefits

- Exceptional Color Rendering
- High System Efficacy
- Long Luminaire Life, High quality LEDs

### Features

- Quick and easy installation. This kit eliminates the need to remove existing fixture which reduces labor and disposal costs.
- Ultra-durable post painted powder coating allows easy handling and improves luminaire longevity.
- Color Rendering Index (CRI): > 80
- Long LED life; L70 > 100,000 hours
- Rated for Ambient Temperatures between -20°C/-4°F to 50°C/122°F
- Input Voltage: MV: 120 – 277V; 50/60 Hz
- Power Factor (PF) > 0.90
- Total Harmonic Distortion (THD) < 20%
- Dimmable: 0-10Vdc continuous, the product can dim to 10%
- Suitable for use in most existing Surface Mount or Recessed fixtures
- UL 1598 Listed; suitable for damp locations, Type IC
- Warranty: 5 years



UPC	Model	Description
09276	LTRK14BD40	LED TROFFER RETROFIT, 1X4, 4000 Lm, 32W, 120-277V, 4000K
09277	LTRK14BD50	LED TROFFER RETROFIT, 1X4, 4000 Lm, 32W, 120-277V, 5000K
09278	LTRK22CD35	LED TROFFER RETROFIT, 2X2, 4000 Lm, 32W, 120-277V, 3500K
09279	LTRK22CD40	LED TROFFER RETROFIT, 2X2, 4000 Lm, 32W, 120-277V, 4000K
09280	LTRK22CD50	LED TROFFER RETROFIT, 2X2, 4000 Lm, 32W, 120-277V, 5000K
09281	LTRK24BD35	LED TROFFER RETROFIT, 2X4, 4250 Lm, 34W, 120-277V, 3500K
09282	LTRK24BD40	LED TROFFER RETROFIT, 2X4, 4250 Lm, 34W, 120-277V, 4000K
09283	LTRK24BD50	LED TROFFER RETROFIT, 2X4, 4250 Lm, 34W, 120-277V, 5000K

## LED Center Baskets (Color/Wattage Tunable)

### LCB CTWT Series



UPC	Model	Description
09229	LCB22CTWT-MVA	LCB22, 2x2 LED Center Basket, 35W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>
09230	LCB24CTWT-MVA	LCB24, 2x4 LED Center Basket, 50W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>

## LED Center Baskets

### LCB Series

#### 2x2 or 2x4



UPC	Model	Description
09128	LCB222540-MV	LCB22, 2x2 LED Center Basket, 3,400 Lm, 25W 4000K, 120-277v
09130	LCB242540-MV	LCB24, 2x4 LED Center Basket, 3,500 Lm, 25W 4000K, 120-277v
09129	LCB243440-MV	LCB24, 2x4 LED Center Basket, 4,590 Lm, 34W 4000K, 120-277v

## LED Covered Strips

### LCS Series



UPC	Model	Description
08725	LCS2FT-2050MV	LCS2FT, LED Strip, 2,432 Lm, 20W 5000K CCT, 120-277v
08731	LCS4FT-3250MV	LCS4FT, LED Strip, 4,256 Lm, 32W 5000K CCT, 120-277v
08734	LCS8FT-6550MV	LCS8FT, LED Strip, 8,645 Lm, 65W 5000K CCT, 120-277v

\*Foreign and domestic components.

## LED Flat Panels (Color/Wattage Tunable)

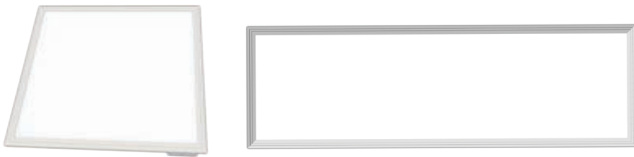
LFP CTWT Series



UPC	Model	Description
09231	LFP14CTWT-MVA	LFP14, 1x4 LED Panel, 45W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
09232	LFP22CTWT-MVA	LFP22, 2x2 LED Panel, 45W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
09233	LFP24CTWT-MVA	LFP24, 2x4 LED Panel, 50W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>
09234	LFP24CTWT-MVB	LFP24, 2x4 LED Panel, 72W Tunable CCT, LED Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>

## LED Flat Panels

Ultra-Thin Edge-Lit LED Panels  
1x4, 2x2 or 2x4



UPC	Model	Description
9270	LFP1440AMV	LFP14, 1x4 LED Panel, 4,750 Lm, 40W 4000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
9271	LFP1450AMV	LFP14, 1x4 LED Panel, 4,900 Lm, 40W 5000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
08956	LFP2240AMV	LFP22, 2x2 LED Panel, 4,900 Lm, 40W 4000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
09268	LFP2250AMV	LFP22, 2x2 LED Panel, 5,000 Lm, 40W 5000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 4)</b>
08957	LFP2440AMV	LFP24, 2x4 LED Panel, 6,000 Lm, 48W 4000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>
09269	LFP2450AMV	LFP24, 2x4 LED Panel, 6,100 Lm, 48W 5000K CCT, LED Dimmable Driver 120-277v, <b>(SOLD IN MULTIPLES OF 2)</b>





## Medium LED Wallpack



UPC	Model	Description
08431	MWP-5028R-LED-MV	Medium Wallpack LED, 2,360 Lm, 22W, 5000K CCT, (120-277V)
08432	MWP-5040R-LED-MV	Medium Wallpack LED, 4,660 Lm, 41W, 5000K CCT, (120-277V)
08433	MWP-5055R-LED-MV	Medium Wallpack LED, 5,490 Lm, 51W, 5000K CCT, (120-277V)



## Large LED Wallpack



UPC	Model	Description
08382	LWP-5075-LED-MV	Large Wallpack LED, 9,400 Lm, 80W, 5000K CCT, (120-277V)
08381	LWP-5090-LED-MV	Large Wallpack LED, 12,000 Lm, 95W, 5000K CCT, (120-277V)



## LED Medium Cutoff Wallpack



UPC	Model	Description
99057	MCWP-5040R-LED-MV	Medium Cutoff Wallpack LED, 4,770 Lm, 42W 5000K CCT, (120-277V)



## Mini LED Wallpack - Polycarbonate Lens



UPC	Model	Description
08470	MINILWPP20-MV	MINI LED Wallpack, 1,205 Lm, 20 Input watts, 5000K, 120-277V 60Hz, 120-277v Photocell



## LED Versalite Wallpack



UPC	Model	Description
08736	VL125	Small LED Wallpack, 1,320 Lm, 12W, 5000K, 120-277V
08738	VL305	Small LED Wallpack, 3,290 Lm, 30W, 5000K, 120-277V
08740	VL505	Small LED Wallpack, 5,280 Lm, 50W, 5000K, 120-277V
08836	VL805	Small LED Wallpack, 9,240 Lm, 80W, 5000K, 120-277V
08837	VL1205	Small LED Wallpack, 14,220 Lm, 120W, 5000K, 120-277V



## LED Garage Lighter



UPC	Model	Description
09292	GL-A-40K-MV-W	GL Series LED Garage Light, 5240 Lm, 41W, 4000K, 120-277V, White Housing
08751	GL-A-40K-MV-W-S	GL Series LED Garage Light, 5240 Lm, 41W, 4000K, 120-277V, White Housing, w/ Occ Sensor
09333	GL-B-40K-MV-W	GL Series LED Garage Light, 7670 Lm, 62W, 4000K, 120-277V, White Housing
08752	GL-B-40K-MV-W-S	GL Series LED Garage Light, 7670 Lm, 62W, 4000K, 120-277V, White Housing, w/ Occ Sensor



**LED Canopy**

UPC	Model	Description
08632	LSCT45DMV	LED Canopy, 4948 Lm, 45W, 5000K, 120-277V
08633	LMCT95DMV	LED Canopy, 9548 Lm, 80W, 5000K, 120-277V
09366	LCN2750MV	LED Canopy, 3650 Lm, 27W, 5000K, 120-277V
82520	LCN4050MV	LED Canopy, 3500 Lm, 40W, 5000K, 120-277V <b>(LIMITED QUANTITY)</b>



**LED Floods**

UPC	Model	Description
08653	FLL8	Small Flood, Glass Lens, 900 Lm, 8W, 4100K, 120-277V
08654	FLL8-W	Small Flood (White), Glass Lens, 900 Lm, 8W, 4100K, 120-277V
08135	FLL15-W	Small Flood (White), Glass Lens, 2540 Lm, 21W, 4100K, 120-277V
08655	FLL23	Small Flood, Glass Lens, 2540 Lm, 23W, 4100K, 120-277V
08656	FLL23-W	Small Flood LED (White), Glass Lens, 2540Lm, 23W, 4100K, 120-277V
08657	FLL32	Small Flood LED, Glass Lens, 3700 Lm, 32W, 4100K, 120-277V
08658	FLL32-W	Small Flood LED (White), Glass Lens, 3700 Lm, 32W, 4100K, 120-277V

**LED Flood Light (ideal for flagpole lighting)**



UPC	Model	Description
08667	BLED-B-4	LED Flood, 5590 Lm, 45W, 4000K, 120-277V, w/ 1/2" NPT Swivel Arm
08668	BLED-D-4	LED Flood, 8475 Lm, 75W, 4000K, 120-277V, w/ 1/2" NPT Swivel Arm
08669	BLED-D-4-SF	LED Flood, 8475 Lm, 75W, 4000K, 120-277V, w/ 2" Slip Fitter



**LED Small Flood**

UPC	Model	Description
08171	SLF-40-40-MV	Small Flood LED, Glass Lens, 4520 Lm, 46W, 4000K, 120-277V

## NEW!!!

# LED SPORTS FLOOD

LSF series is designed for outdoor sports lighting, a superior high output, high efficiency LED flood light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. It is available in a variety of flood distributions for lighting applications such as large areas, port and rail centers, interior and outdoor sports.

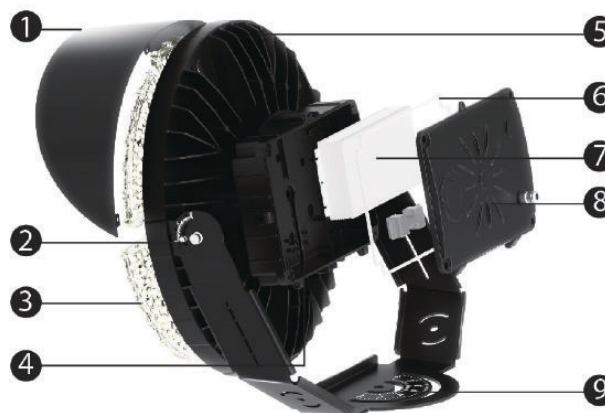
### Features

- Heavy duty, powder-coated, die-cast, aluminum housing
- LED driver easily accessible via door
- Light engine is thermally isolated from driver compartment
- UV stabilized polyester powder paint finish
- Rugged, weather tight design and 3G vibration ratings ensure durability even in harsh environments
- Horizontal and vertical aiming



### Construction of LSF Series

1. Glare shield
2. Vertical adjustment
3. Light source: premium LEDs, system efficacy up to 170 lm/W
4. Driver housing
5. Die casting fixture body
6. Gasket
7. Premium, 1-10V dimmable, LED driver
8. Driver box cover
9. 0 – ±90° rotatable bracket



UPC	Model	Description
09257	LSFCMVT3-5KBL2	LED Sports Flood, 61,100 Lm, 460W, 5000K, 120-277V, Type-3
09258	LSFCMVT4-5KBL2	LED Sports Flood, 73,000 Lm, 460W, 5000K, 120-277V, Type-4
09259	LSFCMVT5-5KBL2	LED Sports Flood, 74,100 Lm, 460W, 5000K, 120-277V, Type-5
09260	LSFCMVT6-5KBL2	LED Sports Flood, 70,400 Lm, 460W, 5000K, 120-277V, Type-6
09261	LSFCHVT3-5KBL2	LED Sports Flood, 61,100 Lm, 460W, 5000K, 200-480V, Type-3
09262	LSFCHVT4-5KBL2	LED Sports Flood, 73,000 Lm, 460W, 5000K, 200-480V, Type-4
09263	LSFCHVT5-5KBL2	LED Sports Flood, 74,100 Lm, 460W, 5000K, 200-480V, Type-5
09264	LSFCHVT6-5KBL2	LED Sports Flood, 70,400 Lm, 460W, 5000K, 200-480V, Type-6



**DISCONTINUED - Special Pricing While Supplies Last**

**LED Flood Light**

UPC	Model	Description
08659	XFL-5080-LED-MV-TR	Flood Light LED, 10,342 Lm, 80W, 5000K, 120-277V, TR-Trunion Mount



**DISCONTINUED - Special Pricing While Supplies Last**

**LED Area Lighter**



UPC	Model	Description
08412	XAL-5080-LED-MV	Area Light LED, 9,600 Lm, 80W, 5000K, 120-277V
08408	XAL-5220-LED-MV	Area Light LED, 27,114 Lm, 227W, 5000K, 120-277V



## LED Flood Light



UPC	Model	Description
09164	XFLE-5100-MV-TR-F1-T	Flood Light LED, 13,490 Lm, 100W, 5000K, 120-277V
09165	XFLE-5150-MV-TR-F1-T	Flood Light LED, 20,680 Lm, 150W, 5000K, 120-277V
09042	XFLE-4150-MV-TR-F1-T	Flood Light LED, 20,680 Lm, 150W, 4000K, 120-277V
09166	XFLE-5230-MV-TR-F1-I	Flood Light LED, 31,312 Lm, 230W, 5000K, 120-277V
09063	XFLE-4230-MV-TR-F1-I	Flood Light LED, 31,312 Lm, 230W, 4000K, 120-277V
09167	XFLE-5300-MV-TR-F1-I	Flood Light LED, 40,718 Lm, 300W, 5000K, 120-277V
09064	XFLE-4300-MV-TR-F1-I	Flood Light LED, 40,718 Lm, 300W, 4000K, 120-277V
09168	XFLE-5300-HV-TR-F1-M	Flood Light LED, 41,902 Lm, 300W, 5000K, 480V
09168	XFLE-4300-HV-TR-F1-M	Flood Light LED, 41,902 Lm, 300W, 4000K, 480V

## LED Area Lighter



UPC	Model	Description
09049	XALE-5100-MV-T3-T	Area Light LED, 13,475 Lm, 97W, 5000K, 120-277V
09162	XALE-4100-MV-T3-T	Area Light LED, 13,475 Lm, 97W, 4000K, 120-277V
09093	XALE-4150-MV-T3-T	Area Light LED, 20,680 Lm, 150W, 4000K, 120-277V
09140	XALE-5150-MV-T4-T-WH	Area Light LED, 20,680 Lm, 150W, 5000K, 120-277V, White Housing
09139	XALE-5150-MV-T4-T-BK	Area Light LED, 20,680 Lm, 150W, 5000K, 120-277V, Black Housing
09048	XALE-5300-MV-T3-I	Area Light LED, 40,718 Lm, 293W, 5000K, 120-277V
09280	XALE-4300-MV-T3-I	Area Light LED, 40,718 Lm, 293W, 4000K, 120-277V
09050	XALE-4300-HV-T3-M	Area Light LED, 41,902 Lm, 302W, 4000K, 480V

## XAL, XFL, XALE, XFLE Accessories

(Order and Sold Separately)

UPC	Model	Description
08580	XFL-SF	XFL Series Mounting Accessory, Slipfitter Compatible w/ XAL Fixtures
99059	XAL-RPA	XAL Series Mounting Accessory, Round Pole Adaptor
99064	XAL-TR	XAL Series Mounting Accessory, Trunnion Bracket
09039	XLE-ARM	XALE Series Mounting Accessory, Sq Pole Area Light Mounting Arm
09037	XLE-SF	XALE-XFLE Series Mounting Accessory, Slipfitter
09038	XLE-TR	XALE-XFLE Series Mounting Accessory, Trunnion Bracket
09054	XLE-TRL	XALE-XFLE Series Mounting Accessory, Trunnion Bracket (Large)
08581	XAL-ARM	XAL Series Mounting Accessory, Sq Pole Area Light Mounting Arm

**LED-Ready Strips (lamps sold separately)**



UPC	Model	Description
09019	FSA402LT8	FSA4 Fluorescent Strip Housing, 4-foot, 2-Lamp T8, Individual Carton
09020	FSA804LT8	FSA8 Fluorescent Strip Housing, 8-foot, 4 Lamp T8, Individual Carton

**LED-Ready Strip Retrofit (lamps sold separately)**



UPC	Model	Description
09022	FSR84-2LT8	FSR8 Fluorescent Retrofit Strip Geartray, 8-foot, 4.25 Wide, 2 Lamp T8 (2 4' Retrofit Covers)
09023	FSR84-4LT8	FSR8 Fluorescent Retrofit Strip Geartray, 8-foot, 4.25 Wide, 4 Lamp T8 (2 4' Retrofit Covers)

**LED-Ready Linear Highbay (lamps sold separately)**



UPC	Model	Description
09024	HFA1A6LT8	HFA1 High Bay Fluorescent Housing, Standard Specular (86%) Reflector, 6 Lamp T8

**LED-Ready Vaporproof Highbay (lamps sold separately)**



UPC	Model	Description
09027	VHA1A6LT8	VHA1 Vaporproof Fluorescent Highbay Housing, Impact Resistant Acrylic Lens, 6 Lamp T8, No FIO's, w/o Power Cord, V-hook, Ind. Carton

**LED-Ready Vaporproof Strip (lamps sold separately)**



UPC	Model	Description
09028	VSB4A2LT8	VSB4, Vaporproof Strip Housing & 2-Lamp Geartray, Impact Resistant Acrylic Lens, No FIO's, w/o Power Cord, Mounting straps included
09029	VSB4A3LT8	VSB4, Vaporproof Strip Housing & 3-Lamp Geartray, Impact Resistant Acrylic Lens, No FIO's, w/o Power Cord, Mounting straps included

**LED-Ready Vaporproof Highbay (lamps Included)**



UPC	Model	Description
-	HFA2E413DLEDMV	HFA2-413LED Series, Highbay LED, E-Reflector, CCT-4000K Type-B LED Lamps, 120-277V, No FIO's, No Power Cord, Individual Carton
-	HFA2E413FLEDMV	HFA2-413LED Series, Highbay LED, E-Reflector, CCT-5000K Type-B LED Lamps, 120-277V, No FIO's, No Power Cord, Individual Carton



## LinearLED T8 Lamps (Ballast Bypass, Double Ended, Type B)

CASE QUANTITY = 25 LAMPS

UPC	Model	Description
09224	L24T8/840/9W/ACDE	LED T8 LAMP, L24T8/840/9W/ACDE
09225	L36T8/840/12W/ACDE	LED T8 LAMP, L36T8/840/12W/ACDE
09226	L48T8/840/12W/ACDE	LED T8 LAMP, L48T8/840/12W/ACDE
09227	L48T8/840/17W/ACDE	LED T8 LAMP, L48T8/840/17W/ACDE



## Linear LED T8 Lamps (Internal Driver / Line Voltage)

CASE QUANTITY = 25 LAMPS

UPC	Model	Description
08394	F32T8/840/LED/16W/AC	LED T8 LINE-V 16W LAMP, 4000K color, 120-277V - <b>OUT OF STOCK</b>
08395	F32T8/850/LED/16W/AC	LED T8 LINE-V 16W LAMP, 5000K color, 120-277V - <b>OUT OF STOCK</b>
-	F32T8/840LED/12.5/AC	LED T8 LINE-V 12.5W LAMP, 4000K color, 120-277V



## Linear LED T8 Lamps (Ballast Compatible - Type A)

CASE QUANTITY = 25 LAMPS

UPC	Model	Description
62010	F32T8/835/LED/14W	LED T8 RETROFIT LAMP, 835
32012	F32T8/850/LED/14W	LED T8 RETROFIT LAMP, 850



**Exit Signs, Emergency Lights, & Combo Units**

UPC	Model	Description
01868	HL02012GW	EXIT sign,White Case/Housing,GREEN letters,AC only
05180	HL03012RW	EXIT sign,White Case/Housing,RED letters,AC only
05183	HL0301B2GW	EXIT sign,White Case/Housing,GREEN letters,Battery
05181	HL0301B2RW	EXIT sign,White Case/Housing,RED letters,Battery
01858	HL0202SW	Emergency Light,White Case/Housing,Adjustable Optics,
07902	HL0202L-W	Emergency Light, White Case/Housing, Adjustable Optics
07908	HL0223L-W	LED Emergency Light, White Case/Housing, Adjustable Optics, Battery (Lead)
09171	HL0435W	Emergency Light, Dual Head
01872	HL0242	Emergency Light, Adjustable Optics
07991	HLDBELBR	Decorative Emergency light, Dark Bronze
07988	HLDBELBRCW	Decorative Emergency light, Dark Bronze, Cold Weather
07970	HL03143GW	LED Combo Exit-Emergency Light, White Case/Housing, GREEN letters, Battery (NiCd)
07909	HL03143RW	LED Combo Exit-Emergency Light, White Case/Housing, RED letters, Battery (NiCd)
07972	HL03143GWRC	LED Combo Exit-Emergency Light, White Case/Housing, GREEN letters, Remote Capacity, Battery (NiCd)
07950	HL03143RWRC	LED Combo Exit-Emergency Light, White Case/Housing, RED letters, Remote Capacity, Battery (NiCd)
03557	HL04093GW	Combo Exit-Emergency Light,White Case/Housing,GREEN letters,Battery (Lead)
03558	HL04093RW	Combo Exit-Emergency Light,White Case/Housing,RED letters,Battery (Lead)
07911	HL03302RW	Lightpipe Led Exit/Emer Combo, Red Letters, White Housing
08203	HL03302RW-SDT	Lightpipe Led Exit/Emer Combo, Red Letters, White Housing, Self Diagnostic
03190	HLWG1	Wire Guard, Exit Signs and Emergency lights
03191	HLWG2	Wire Guard, Combo Units
03772	HL0202-BATT	Accessory - Battery





**Emergency Ballast**

UPC	Model	Description
01852	BAL500	Emergency Ballast 350-500 Lumen
08479	BAL700TD	EMERGENCY BALLAST 600-700 LUMEN
00000	PAC0014	EMERGENCY BALLAST 1100-1400 LUMEN
07774	BAL3000TD	Emergency Ballast 2900-3000 Lumens for 1 or 2 lamp operation T5 or T8
01853	BAL650C-4	300-750 Lumens, 4-pin, operates 1 or 2 lamps (min. 90 minutes)
08513	BALT5-500-TD	Emergency Ballast, 120/277V, T5
08527	BALT5-800-TD	Emergency Ballast, 120/277V, T5
08525	BALT5-1300-TD	Emergency Ballast, 120/277V, T5, 1300 Lumen
09101	HL-BLEDEM-CP-800	LED Emergency Ballast, 5.0W, Class 2, 120-277V
09102	HL-BLEDEM-CP-1200	LED Emergency Ballast, 7.8W, Class 2, 120-277V
09103	HL-BLEDEM-CP-1600	LED Emergency Ballast, 10.7W, Class 2, 120-277V
09104	HL-BLEDEM-CP-2000	LED Emergency Ballast, 13.7W, Class 2, 120-277V
09105	HL-BLEDEM-CP-2400	LED Emergency Ballast, 17.0W, Class 2, 120-277V



**Linear Fluorescent Ballast - T8**

UPC	Model	Description
04454	EP2/32IS/MV/MC/HE	ELEC BALLAST (2) F32T8 120-277V MICRO CASE HIGH EFFICIENCY
04033	EP3/32IS/MV/MC/HE	ELEC BALLAST (3)F32T8 120-277V MICRO CASE HIGH EFF
04034	EP4/32IS/MV/MC/HE	ELEC BALLAST (4)F32T8 120-277V MICRO CASE HIGH EFF
22143	EPL2/32IS/MV/MC/HE	ELEC BALLAST (2) F32T8 120-277V SM CASE LOW PWR HIGH EFF
01469	EPL3/32IS/MV/SC/HE	ELEC BALLAST (3) F32T8 120-277V SM CASE LOW PWR HIGH EFF
04665	EPH2/32IS/MV/MC/HE	ELEC BALLAST (2)F32T8 120-277V HIGH POWER MICRO CASE
04221	EPH3/32IS/MV/MC/HE	ELEC BALLAST (3)F32T8 120-277V HIGH PWR MICRO CASE HIGH EFF
05296	EPH4/32IS/MV/SC/HE	ELEC BALLAST (4)F32T8 120-277V HIGH POWER SM CASE HIGH EFF
05295	EP4/32PPRS/MV/SC/HE	ELEC BALLAST (4) F32T8 120-277V SM CASE PROGRAM RAPID START (PARALLEL LAMP OPERATION) HIGH EFF
11112	EP2/59IS/MV/MC/HE	ELEC BALLAST (2)F96T8 120-277V MICRO CASE



**Linear Fluorescent Ballast - T5**

UPC	Model	Description
11116	EP2/54HO/PRS/MV/W/MC	ELEC BALLAST (2)F54T5HO 120-277 MICRO CASE WITH LEADS
08754	EP4/54HO/PRS/MV/L	ELEC BALLAST (4)F54T5HO 120-277



**Linear Fluorescent Ballast - T12**

UPC	Model	Description
12409	EP2/40RS/MV/MC	ELEC BALLAST (2)F40T12 MULTIVOLT MICRO CASE
12410	EP2/110RS/MV/SC	ELEC BALLAST (2)F96T12HO 120-277
32403	EP2/75IS/MV/SC	ELEC BALLAST (2)F96T12 SLIMLINE 120-277V SM CASE



**Compact Fluorescent Ballast**

UPC	Model	Description
04749	EP2/13CF/MV/K2	ELEC BALLAST (2)12W CFL 120-277V
05115	EP2/18CF/MV/K2	ELEC BALLAST (2)18 CFL 120-277V
03926	EP2/26CF/MV/K2	ELEC BALLAST (2)26W CFL 120-277V
14303	EP2/42CF/MV/K2	ELEC BALLAST (2)42W CFL 120-277V

**Highbay Linear Fluorescent - Low Profile - 4 & 6 Lamp**  
Lamps not Included



Proudly  
Designed & Assembled  
IN THE USA\*

UPC	Model	Description
07375	HFLPA454APSMV000000I	86% Specular Aluminum, 4 Lamp 54W T5H0, Program Rapid Start Ballast Multi-Volt
07884	HFLPA654APSMV000000I	86% Standard Specular, 6 Lamp 54W T5H0, Program Rapid Start Ballast Multi-Volt
07860	HFLPE654APSMV000000I	95% Enhanced Specular, 6 Lamp 54W T5H0, Program Rapid Start Ballast Multi-Volt

**Highbay Linear Fluorescent - Flat Profile - 6 Lamp**  
Lamps not Included



Proudly  
Designed & Assembled  
IN THE USA\*

UPC	Model	Description
99850	HFA1A632AHEMV000000I	86% Standard Specular, 6 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt
99848	HFA1A654APSMV000000I	86% Standard Specular, 6 Lamp 54W T5, Program Start Ballast Multi-Volt
02752	HFA1E632AHEMV000000I	95% Enhanced Specular, 6 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt
02872	HFA1E654APSMV000000I	95% Enhanced Specular, 6 Lamp 54W T5, Program Start Ballast Multi-Volt

**Highbay Linear Fluorescent - Flat Profile - 4 Lamp**  
Lamps not Included



Proudly  
Designed & Assembled  
IN THE USA\*

UPC	Model	Description
99854	HFA2A454APSMV000000I	86% Standard Specular, 4 Lamp 54W T5, Program Start Ballast Multi-Volt
02878	HFA2E432AHEMV000000I	95% Enhanced Specular, 4 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt
02776	HFA2E454APSMV000000I	95% Enhanced Specular, 4 Lamp 54W T5, Program Start Ballast Multi-Volt

\*Foreign and domestic components.



**Highbay Linear Fluorescent - Curved Profile - 6 Lamp**  
Lamps not Included

UPC	Model	Description
03961	HFA3A632AHEMV000000I	86% Standard Specular, 6 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt
03959	HFA3A654APSMV000000I	86% Standard Specular, 6 Lamp 54W T5, Program Start Ballast Multi-Volt
02828	HFA3E632AHEMV000000I	95% Enhanced Specular, 6 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt
02832	HFA3E654APSMV000000I	95% Enhanced Specular, 6 Lamp 54W T5, Program Start Ballast Multi-Volt

Model with Lamps Included		
04339	HFA3E654IPSMV000000I	95% Enhanced Specular, 6 Lamp 54W T5 (F54T5/850/HO) Lamps Installed, Program Start Ballast Multi-Volt



**Highbay Linear Fluorescent - Curved Profile - 4 Lamp**  
Lamps not Included

UPC	Model	Description
04341	HFB3E432AHEMV000000I	95% Enhanced Specular, 4 Lamp 32W T8, High Ballast Factor Instant Start Ballast, High Efficiency, Multi-Volt, No FIO's, No Cord, Ind. Carton
04367	HFB3E454APSMV000000I	95% Enhanced Specular, 4 Lamp 54W T5H0, Program Rapid Start Ballast Multi-Volt, No FIO's, w/o Power Cord, Ind. Carton

\*Foreign and domestic components.



**Linear Fluorescent Strips**

UPC	Model	Description
02897	FSA40232ASEMV000000I	4-foot,NA, 2-Lamp 32w T8,Standard BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, w/o Power Cord,Individual Carton
99839	FSA80432ASEMV000000I	8-foot,NA, 4 Lamp 32W T8,Standard BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, w/o Power Cord, Individual Carton
02899	FSC40232AHEMV	4-foot, 2-Lamp 32w T8, High BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, w/o Power Cord, Individual Carton
08370	FSC80432AHEMV	8-foot, 4 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, No Cord, Ind. Carton
08083	FSL4B	Black Fluorescent Shoplight, 4-foot, 2-Lamp 32w T8, 120V Ballast
08082	FSL4W	Fluorescent Shoplight, 4-foot, 2-Lamp 32w T8, 120V Ballast



**Linear Fluorescent Retrofit Strips**

UPC	Model	Description
04567	FSR44232ASEMV000000I	4-foot, 4.25 Wide, 2 Lamp 32W T8 (1 4' Retrofit Covers, Instant Start Ballast, Standard Ballast Factor, High Efficiency, Multi-Volt, No FIO's, No Cord, Ind. Carton
04593	FSR84232ASEMV000000I	8-foot, 4.25 Wide, 2 Lamp 32W T8 (2 4' Retrofit Covers, Instant Start Standard Ballast Factor, High Efficiency, Multi-Volt, No FIO's, w/o Power Cord,Individual Carton
05023	FSR84432AHEMV000000I	8-foot, 4.25 Wide, 4 Lamp 32W T8 (2 4' Retrofit Covers, High Ballast Factor High Efficiency Multi Volt Ballast, No FIO's, w/o Power Cord,Individual Carton
04949	FSR84432ALEMV000000I	8-foot, 4.25 Wide, 4 Lamp 32W T8 (2 4' Retrofit Covers, Instant Start Low Ballast Factor, High Efficiency, Multi-Volt, No FIO's, w/o Power Cord, Individual Carton
04582	FSR84432ASEMV000000I	8-foot, 4.25 Wide, 4 Lamp 32W T8 (2 4' Retrofit Covers, Instant Start Standard Ballast Factor, High Efficiency, Multi-Volt, No FIO's, No Cord, Ind. Carton
04581	FSR84454APSMV000000I	8-foot, 4.25 Wide, 4 Lamp 54W T5 (2 4' Retrofit Covers, (2) Program Start Multi-Volt Ballast, No FIO's, w/o Power Cord,Individual Carton
05041	FSR85432ASEMV000000I	8-foot, 5" Wide, 4 Lamp 32W T8 (2 4' Retrofit Covers, Instant Start Standard Ballast Factor, High Efficiency, Multi-Volt, No FIO's, w/o Power Cord,Individual Carton



**Linear Fluorescent Covered Wraps**

UPC	Model	Description
07973	CW240232ASEMV	CW24 Commercial Wrap 4-Ft, 2-Lamp 32w T8, Standard BF Instant Start Ballast, High Efficiency Multi-Volt
07974	CW440432ASEMV	CW44 Commercial Wrap 4-Ft, 4 Lamp 32W T8, Standard BF Instant Start Ballast, High Efficiency Multi-Volt



### Vaporproof Linear Fluorescent Highbay

UPC	Model	Description
99715	VHA1A454APSMV0000001	Impact Resistant Acrylic Lens, 4 Lamp 54W T5, Program Start Ballast Multi-Volt, No FIO's, w/o Power Cord,V-hook, Ind. Carton
	VHA1A632AHEMV0000001	Impact Resistant Acrylic Lens, 6 Lamp 32W T8, High BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, No Cord,V-hook, Ind. Carton
97716	VHA1A654APSMV0000001	Impact Resistant Acrylic Lens, 6 Lamp 54W T5, Program Start Ballast Multi-Volt, No FIO's, No Cord,V-hook, Ind. Carton
05693	VHA1-CM	VHA1 Ceiling Mount Bracket (Qty 2)



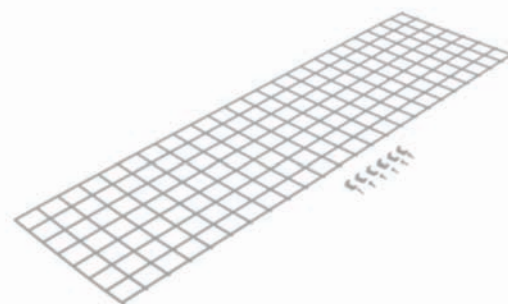
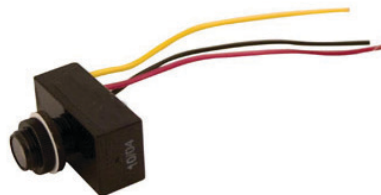
### Vaporproof Linear Fluorescent Strip - 4FT

UPC	Model	Description
99843	VSA4A232ASEMV0000001	VSA4 Vaporproof Strip Fluorescent Fixture, Impact Resistant Acrylic Lens, 2-Lamp 32w T8,Standard BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, w/o Power Cord,Mounting straps included, Individual Carton
99748	VSA4A254APSMV0000001	VSA4 Vaporproof Strip Fluorescent Fixture, Impact Resistant Acrylic Lens, 2 Lamp 54W T5, Program Start Ballast Multi-Volt, No FIO's, w/o Power Cord,Mounting straps included, Individual Carton



### Vaporproof Linear Fluorescent Strip - 8FT

UPC	Model	Description
04064	VSA8A432ASEMV0000001	VSA8 Vaporproof Strip Fluorescent Fixture, Impact Resistant Acrylic Lens, 4 Lamp 32W T8,Standard BF Instant Start Ballast, High Efficiency Multi-Volt, No FIO's, w/o Power Cord,Mounting straps included, Individual Carton
04025	VSA8A454APSMV0000001	VSA8 Vaporproof Strip Fluorescent Fixture, Impact Resistant Acrylic Lens, 4 Lamp 54W T5, Program Start Ballast Multi-Volt, No FIO's, w/o Power Cord,Mounting straps included, Individual Carton



### Fixture Accessories

UPC	Model	Description
02366	HFA1-WG	Wire Guard
02919	HFA1-DL1	HFA1 Door with Prismatic lens
02371	HFA2-WG	Wire Guard
99653	HFA3-WG	Wire Guard (slide on/off; lens or no lens)
04365	HFB3-WG	HFB3 Series Wire Guard (use 2 for HFC7)
99654	HFA3-WL	HFA3 Series Wrap Lens
04750	HFB3-WL	HFB3 Series Wrap Lens
02727	HF 3CV	3' Hanging Chain & V-clips
08451	HF-WCH 3	Wire cable hanging kit (2 pcs. Per kit; 5-FT LONG)
08416	HF-WCH3-10	Wire cable hanging kit 10ft (2 pcs. Per kit)
08226	HF-OSHB-HBP112L7	120-277 Occ Sensor Watt Stopper (HBP-112-L7-EM1)
00483	BPC120	Photocontrol, Photocontrol 120V Button Style
00556	BPC208/277	Photocontrol 208-277V Button Style
05678	CO600-10-183SEOW-SR	Cord, SEOW, 18/3, 10-ft, w/ Strain Relief Bushing
99784	CS120-6-515-183-SR	Cordset, 120V Cord, 18-3 / 6-ft, 5-15 Plug, w/ Strain Relief Bushing
99739	CS120-6-L515-183-SR	Cordset, 120V Cord, 18-3 / 6-ft, L5-15 Plug (Twist Lock), w/ Strain Relief Bushing
06698	CS240-6-L615-183-SR	Cordset, 240V Cord, 18-3 / 72", L6-15 PLUG (TWIST LOCK), includes SR Bushing
99740	CS277-6-L715-183-SR	Cordset, 277V Cord, 18-3 / 6-ft, L7-15 Plug (Twist Lock), w/ Strain Relief Bushing
01902	CS480-6-L820-163	Cordset, 480V Cord, 16-3 / 6-FT, L8-20 PLUG (Twist Lock)
	USC-2AA	ACCESSORY - Adaptor Fitting
03936	MA-WPB-150A-024	UNH ACCESSORY 24" Mounting Arm, Alum.



## Linear Fluorescent Lamps

Case Quantity = 25 Lamps

UPC	Model	Description
<b>T8 Energy Saving Low Mercury Lamps</b>		
01502	F17T8/730/ECO	17 W, Fluorescent T8 Low Mercury Lamps, 730
02243	F17T8/830	17 W, Fluorescent T8 Low Mercury Lamps, 830
01505	F17T8/830/ECO	17 W, Fluorescent T8 Low Mercury Lamps, 830
02244	F17T8/835	17 W, Fluorescent T8 Low Mercury Lamps, 835
02245	F17T8/841	17 W, Fluorescent T8 Low Mercury Lamps, 841
02781	F17T8/865	17W 2' T8 low mercury fluorescent lamp, 865
02922	F25T8/830/ES/ECO	25 W, Fluorescent T8 Low Mercury Lamps, 830
03910	F25T8/830/ES/ECO	25 W, Fluorescent T8 Low Mercury Lamps, 830
04683	F25T8/835/ES/ECO/IC	25 W, Fluorescent T8 Low Mercury Lamps, 835
04684	F25T8/841/ES/ECO/IC	25 W, Fluorescent T8 Low Mercury Lamps, 841
04685	F25T8/850/ES/ECO/IC	25 W, Fluorescent T8 Low Mercury Lamps, 850
03910	F28T8/830/ES/ECO/IC	28 W, Fluorescent T8 Low Mercury Lamps, 830
06991	F28T8/835/ES/ECO/IC	28 W, Fluorescent T8 Low Mercury Lamps, 835
03757	F28T8/841/ES/ECO/IC	28 W, Fluorescent T8 Low Mercury Lamps, 841
04023	F28T8/850/ES/ECO/IC	28 W, Fluorescent T8 Low Mercury Lamps, 850
08070	F28T8/841/ES/ECO/LL	28 W, Long Life Fluorescent T8 Low Mercury Lamps, 841
08071	F28T8/850/ES/ECO/LL	28 W, Long Life Fluorescent T8 Low Mercury Lamps, 850
<b>T8 High Lumen Low Mercury Lamps</b>		
03753	F32T8/830/HL/ECO/IC	32 W, Fluorescent T8 Low Mercury Lamps, 830
03754	F32T8/835/HL/ECO/IC	32 W, Fluorescent T8 Low Mercury Lamps, 835
03755	F32T8/841/HL/ECO/IC	32 W, Fluorescent T8 Low Mercury Lamps, 841
03756	F32T8/850/HL/ECO/IC	32 W, Fluorescent T8 Low Mercury Lamps, 850
08072	F32T8/835/HL/ECO/LL	32 W, Long Life Fluorescent T8 Low Mercury Lamps, 835
08073	F32T8/841/HL/ECO/LL	32 W, Long Life Fluorescent T8 Low Mercury Lamps, 841
<b>T8 U-Bent 6 Inch Spacing Low Mercury Lamps</b>		
05134	FB28T8/841/ES/ECO	28 W, Fluorescent T8 U-Shaped, 6" Spacing, Low Mercury Lamps, 841
02262	FB32T8/830/6	32 W, Fluorescent T8 U-Shaped, 6" Spacing, Low Mercury Lamps, 830
02263	FB32T8/835/6	32 W, Fluorescent T8 U-Shaped, 6" Spacing, Low Mercury Lamps, 835
02264	FB32T8/841/6	32 W, Fluorescent T8 U-Shaped, 6" Spacing, Low Mercury Lamps, 841
02978	FB32T8/850/6	32 W, Fluorescent T8 U-Shaped, 6" Spacing, Low Mercury Lamps, 850
<b>T5 High Output Low Mercury Lamps</b>		
01571	F54T5/841/HO	54 W, T5 HO Linear Fluorescent, 841
02784	F54T5/850/HO	54 W, T5 HO Linear Fluorescent, 850





Single Tube



Double Tube



Triple Tube



Reflector

## Compact Fluorescent Lamps

Case Quantity = 50 Lamps

UPC	Model	Description
01360	CF7S/827	7 W, Single Tube (2-Pin G23 Base), 827
01361	CF7S/835	7 W, Single Tube (2-Pin G23 Base), 835
01363	CF9S/827	9 W, Single Tube (2-Pin G23 Base), 827
01364	CF9S/835	9 W, Single Tube (2-Pin G23 Base), 835
02400	CF13S/830	13 W, Single Tube (2-Pin GX23 Base), 830
01367	CF13S/835	13 W, Single Tube (2-Pin GX23 Base), 835
01372	CF7SE/827	7 W, Single Tube (4-Pin 2G7 Base for Electronic Ballast-Dimmable), 827
01374	CF7SE/841	7 W, Single Tube (4-Pin 2G7 Base for Electronic Ballast-Dimmable), 841
01377	CF9SE/841	9 W, Single Tube (4-Pin 2G7 Base for Electronic Ballast-Dimmable), 841
01378	CF13SE/827	13 W, Single Tube (4-Pin 2GX7 Base for Electronic Ballast-Dimmable), 827
02399	CF13SE/830	13 W, Single Tube (4-Pin 2GX7 Base for Electronic Ballast-Dimmable), 830
01381	CF9D/827	9 W, Double Tube (2-Pin G23-2 Base), 827
01382	CF9D/835	9 W, Double Tube (2-Pin G23-2 Base), 835
01383	CF9D/841	9 W, Double Tube (2-Pin G23-2 Base), 841
01384	CF13D/827	13 W, Double Tube (2-Pin GX23-2 Base), 827
01387	CF18D/827	18 W, Double Tube (2-Pin G24d-2 Base), 827
02401	CF18D/830	18 W, Double Tube (2-Pin G24d-2 Base), 830
01388	CF18D/835	18 W, Double Tube (2-Pin G24d-2 Base), 835
01390	CF26D/827	26 W, Double Tube (2-Pin G24d-3 Base), 827
02403	CF26D/830	26 W, Double Tube (2-Pin G24d-3 Base), 830
01393	CF13DE/827	13 W, Double Tube (4-Pin G24q-1 Base for Electronic Ballast), 827
01396	CF18DE/827	18 W, Double Tube (4-Pin G24q-2 Base for Electronic Ballast), 827
02402	CF18DE/830	18 W, Double Tube (4-Pin G24q-2 Base for Electronic Ballast), 830
01397	CF18DE/835	18 W, Double Tube (4-Pin G24q-2 Base for Electronic Ballast), 835
01399	CF26DE/827	26 W, Double Tube (4-Pin G24q-3 Base for Electronic Ballast), 827
01402	CF18T/827	18 W, Triple Tube (2-Pin GX24d-2 Base), 827
01405	CF26T/827	26 W, Triple Tube (2-Pin GX24d-3 Base), 827
01408	CF13TE/827	13 W, Triple Tube (4-Pin GX24q-1 Base for Electronic Ballast), 827

## Compact Fluorescent Lamps

Case Quantity = 50 Lamps

UPC	Model	Description
02398	CF13TE/830	13 W, Triple Tube (4-Pin GX24q-1 Base for Electronic Ballast), 830
01409	CF13TE/835	13 W, Triple Tube (4-Pin GX24q-1 Base for Electronic Ballast), 835
01410	CF13TE/841	13 W, Triple Tube (4-Pin GX24q-1 Base for Electronic Ballast), 841
01411	CF18TE/827	18 W, Triple Tube (4-Pin GX24q-2 Base for Electronic Ballast), 827
01412	CF18TE/830	18 W, Triple Tube (4-Pin GX24q-2 Base for Electronic Ballast), 830
01413	CF18TE/841	18 W, Triple Tube (4-Pin GX24q-2 Base for Electronic Ballast), 841
01415	CF26TE/827	26 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 827
01416	CF26TE/830	26 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 830
01417	CF26TE/835	26 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 835
01418	CF26TE/841	26 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 841
01419	CF32TE/827	32 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 827
01420	CF32TE/830	32 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 830
01421	CF32TE/835	32 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 835
01422	CF32TE/841	32 W, Triple Tube (4-Pin GX24q-3 Base for Electronic Ballast), 841
01423	CF42TE/827	42 W, Triple Tube (4-Pin GX24q-4 Base for Electronic Ballast), 827
01425	CF42TE/835	42 W, Triple Tube (4-Pin GX24q-4 Base for Electronic Ballast), 835
01426	CF42TE/841	42 W, Triple Tube (4-Pin GX24q-4 Base for Electronic Ballast), 841

## Self Ballasted Lamps

UPC	Model	Description
01984	CF20R40/827	20 W, Reflector Self Ballasted Compact Fluorescent, 827
01985	CF20R40/841	20 W, Reflector Self Ballasted Compact Fluorescent, 841
02875	CF20R40/850	20 W, Reflector Self Ballasted Compact Fluorescent, 850
01987	CF23PAR38/827	23 W, Reflector Self Ballasted Compact Fluorescent, 827
01988	CF23PAR38/841	23 W, Reflector Self Ballasted Compact Fluorescent, 841
02876	CF23PAR38/865	23 W, Reflector Self Ballasted Compact Fluorescent, 865
01989	CF23PAR38/850	23 W, Reflector Self Ballasted Compact Fluorescent, 850



## HID Sports Lighter

Reflector / Lamp / Mounting Brackets sold separately

UPC	Model	Description
08692	SLP-1500-MH-M4-C0	SPORTSLIGHTER Powerhead, 1500w MH, Alum Quad Tap (Prewired 277v), (Reflector/Lamp/Mounting Brackets Sold Separately)
08694	SLP-1500-MH-M4-C6	SPORTSLIGHTER Powerhead, 1500w MH, Alum Quad Tap (Prewired 277v), w/ 6-ft 16/3 Cord, (Reflector/Lamp/Mounting Brackets Sold Separately)
04999	SLR-3	Reflector - replacement spun anodized aluminum, 23" diameter Nema-3, Hinged Style
06745	SLR-4	Reflector - replacement spun anodized aluminum, 21" diameter Nema-4, Hinged Style
06032	SLR-5	Reflector - replacement spun anodized aluminum, 21" diameter Nema-5, Hinged Style
02171	SLR-9	Reflector - replacement spun anodized aluminum, 19" diameter N5
06644	SLR-3-LENS	Lens/Clamp Band/Gasket for SLR-3 Reflector
06748	SLR-4-LENS	Lens/Clamp Band/Gasket, for SLR-4 Reflector
06031	SLR-5-LENS	Lens/Clamp Band/Gasket, for SLR-5 Reflector
00511	SLR-9-LENS	Lens/Clamp Band/Gasket
00509	SLPTM	Sportslighter Mounting Accessory, Pole Top Mount,
00535	SLILB	Sportslighter Accessory, Lamp Brace, ,
00501	SLYM	Sportslighter Mounting Accessory, Yoke Mount,
02107	MH1500/HBU	1500W MH Lamp, MOG base, M48/E, BT56 Clear bulb (Qty=6)



## HID Wallpack

UPC	Model	Description
03814	MWP-150-PS-4T	Medium Wallpack, 150W PSMH M102 (Lamp included), 120/208/240/277V 60Hz

# High Intensity Discharge Ballasts

Metal Halide / Pulse Start / High Pressure Sodium



## Metal Halide Ballasts

UPC	Model	Description
06981	M-175-4T-CWA-K	MH Ballast Kit, 175w, M57, QUAD, CWA Kit
03976	M-175-5T-CWA-K	MH Ballast, 175w M57, 5-Tap, CWA, Prewired Dry Kit, Alum
90109	M-250-4T-CWA-K	MH Ballast Kit, 250w M58, QUAD, CWA
03977	M-250-5T-CWA-K	MH Ballast, 250w, M58, 5-Tap, CWA, Kit
06504	M-400-4T-CWA-K	MH Ballast Kit, 400w, M59, QUAD, CWA, (Alum)
99919	M-400-5T-CWA-K	MH Ballast Kit, 400w, M59, 5-TAP, CWA
04091	M-1000-4T-CWA-K	MH Ballast, 1000w, M47, QUAD, CWA, (Alum), Oil Kit
99948	M-1000-5T-CWA-K	MH BALLAST 1000W M47 5-TAP CWA (ALUM SEC), OIL KIT
07971	M-1500-4T-CWA-K	MH Ballast Kit, 1500w, M48, QUAD, CWA

## Pulse Start Metal Halide Ballasts

UPC	Model	Description
99971	MP-70-4T-HXH-K	MH Ballast Kit, 70w M98, Quad, HX-HPF
06503	MP-100-4T-HXH-K	MH Ballast Kit, 100w M90, Quad, HX-HPF
05130	MP-150-4T-HXH-K	MH Ballast Kit, 150w M102, Quad, HX-HPF
06988	MP-250-4T-PSCWA-K	PSMH BALLAST KIT, 250W, M138/M153, QUAD, PS-CWA,
08505	MP-320-5T-PSCWA-K	320W PSMH BALLAST KIT; M132 5-TAP PS-CWA,
05804	MP-400-5T-PSCWA-K	400W PSMH BALLAST KIT; M135 5-TAP PS-CWA
99432	MP-750-5T-PSCWA-K	PSMH Ballast Kit, 750w, M149, 5-Tap, PS-CWA

## High Pressure Sodium Ballasts

UPC	Model	Description
99833	S-35-120-RXH-K	HPS Reactor Ballast Kit, 35w, S76, 120v, R-HPF
04177	S-50-120-RXH-K	HPS Reactor Ballast, 50w, S68, 120v, R-HPF, Dry Kit
03135	S-70-120-RXH-K	HPS Reactor Ballast, 70w, S62, 120v, R-HPF, Dry Kit
93169	S-70-4T-HXH-K	HPS BALLAST 70W S62 QUAD HX-HPF, KIT
93137	S-100-120-RXH-K	HPS Reactor Ballast Kit, 100w, S54, 120v, R-HPF
07051	S-100-4T-HXH-K	HPS Ballast, 100w, S54, QUAD, HX-HPF, Kit
90002	S-150-120-RXH-K	HPS Reactor Ballast Kit, 150w, S55, 120v, R-HPF
06502	S-150-4T-HXH-K	HPS Ballast, 150w, S55, QUAD, HX-HPF, Kit
99411	S-250-4T-CWA-K	HPS Ballast, 250w, S50, QUAD, CWA, Kit
99925	S-250-5T-CWA-K	Ballast Kit, 250W HPS Ballast, S50, 5-Tap, CWA, Kit
94413	S-400-4T-CWA-K	HPS Ballast Kit, 400w, S51, QUAD, CWA
99923	S-400-5T-CWA-K	HPS BALLAST 400W S51 5-TAP CWA, KIT
99937	S-1000-5T-CWA-K	HPS Ballast 1000w S52 5-Tap CWA, Oil Kit

## High Intensity Discharge Lamps

High Pressure Sodium / Mercury Vapor  
Metal Halide / Pulse Start Metal Halide



Case Quantity = 12 Lamps  
(Exceptions noted)

### High Pressure Sodium Lamps

UPC	Model	Description
01176	LU35/MED	35W HPS Lamp, MED base, S76, ED17 Clear bulb
01180	LU50	50W HPS Lamp, MOG base, S68, ED23.5 Clear bulb
01178	LU50/MED	50W HPS Lamp, MED base, S68, ED17 Clear bulb
01184	LU70	70W HPS Lamp, MOG base, S62, ED23.5 Clear bulb
01182	LU70/MED	70W HPS Lamp, MED base, S62, ED17 Clear bulb
02188	LU70/SBY	70W HPS Lamp, MOG base, S62, ED23.5 Clear bulb
07806	LU70/NC	70W HPS Lamp, MOG base, S62, ED23.5 Clear bulb
01188	LU100	100W HPS Lamp, MOG base, S54, ED23.5 Clear bulb
01186	LU100/MED	100W HPS Lamp, MED base, S54, ED17 Clear bulb
02189	LU100/SBY	100W HPS Lamp, MOG base, S54, ED23.5 Clear bulb
05185	LU100/NC	100W HPS Lamp, MOG base, S54, ED23.5 Clear bulb
01192	LU150/55	150W HPS Lamp, MOG base, S55, ED23.5 Clear bulb
01190	LU150/55/MED	150W HPS Lamp, MED base, S55, ED17 Clear bulb
02190	LU150/55/SBY	150W HPS Lamp, MOG base, S55, ED23.5 Clear bulb
05186	LU150/55/NC	150W HPS Lamp, Non-Cycling, MOG base, S55,
01194	LU150/100	150W HPS Lamp, MOG base, S56, ED28 Clear bulb
01195	LU200	200W HPS Lamp, MOG base, S66, ET18 Clear bulb (Qty = 24)
02191	LU200/SBY	200W HPS Lamp, MOG base, S66, ET18 Clear bulb (Qty = 24)
07807	LU200/NC	200W HPS Lamp, MOG base, S66, ET18 Clear bulb (Qty = 24)
01196	LU250	250W HPS Lamp, MOG base, S50, ET18 Clear bulb (Qty = 24)
02192	LU250/SBY	250W HPS Lamp, MOG base, S50, ET18 Clear bulb (Qty = 24)
05187	LU250/NC	250W HPS Lamp, Non-Cycling, MOG base, S50, (Qty = 24)
01199	LU400	400W HPS Lamp, MOG base, S51, ET18 Clear bulb (Qty = 24)
02193	LU400/SBY	400W HPS Lamp, MOG base, S51, (Qty = 24)
05188	LU400/NC	400W HPS Lamp, Non-Cycling, MOG base, S51, (Qty = 24)
01201	LU1000	1000W HPS Lamp, MOG base, S52, ET25 Clear bulb
02194	LU1000/SBY	1000W HPS Lamp, MOG base, S52

Case Quantity = 12 Lamps  
(Exceptions noted)

### Mercury Vapor Lamps

UPC	Model	Description
01155	H39KB-175	175W ED28 MOG J39 Universal Burn Clear Bulb
01154	H39KC-175/DX	175W ED28 MOG H39 Universal Burn Coated Bulb
01159	H33CD-400	400W ED37 MOG H33 Universal Burn Clear Bulb
01158	H33GL-400/DX	400W ED37 MOG H33 Universal Burn Coated Bulb

# High Intensity Discharge Lamps

High Pressure Sodium / Mercury Vapor  
Metal Halide / Pulse Start Metal Halide



Case Quantity = 12 Lamps  
(Exceptions noted)

## Metal Halide Lamps

UPC	Model	Description
01102	MH50/U/MED	50W MH Lamp, MED base, M110/E, ED17 Clear bulb
01104	MH70/U/MED	70W MH Lamp, MED base, M98/E, ED17 Clear bulb
01106	MH100/U/MED	100W MH Lamp, MED base, M90/E, ED17 Clear bulb
01108	MH150/U/MED	150W MH Lamp, MED base, M102/E, ED17 Clear bulb
03911	MH150/U	150W MH Lamp, MOG base, M102/E, ED28 Clear bulb
01110	MH175/U/MED	175W MH Lamp, MED base, M57/E, ED17 Clear bulb
01112	MH175/U	175W MH Lamp, MOG base, M57/E, ED28 Clear bulb
01114	MH250/U	250W MH Lamp, MOG base, M58/E, ED28 Clear bulb
01122	MH400/U/ED28	400W MH Lamp, MOG base, M59/E, ED28 Clear bulb
01119	MH400/U	400W MH Lamp, MOG base, M59/E, ED37 Clear bulb
01126	MH1000/U	1000W MH Lamp, MOG base, M47/E, BT56 Clear bulb (Qty = 6)
08131	MH1000/U/ED37	1000W MH Lamp, MOG base, M47/E, ED37 Clear bulb (Qty = 6)
02107	MH1500/HBU	1500W MH Lamp, MOG base, M48/E, BT56 Clear bulb (Qty = 6)
Protected Metal Halide Lamps - Open Rated		
01920	MP50/U/MED	50W MH Lamp, MED base, M110/O, ED17-P Clear bulb
01922	MP70/U/MED	70W MH Lamp, MED base, M98/O, ED17-P Clear bulb
01924	MP100/U/MED	100W MH Lamp, MED base, M90/O, ED17-P Clear bulb
01926	MP150/U/MED	150W MH Lamp, MED base, M102/O, ED17-P Clear bulb
01117	MP250/BU	250W MH Lamp, MOG (EX39) base, M58/O, BT28 Clear bulb
07879	MP400/BU/ED37	400W MH Lamp, MOG (EX39) base, M59/O, ED37 Clear bulb

Case Quantity = 12 Lamps  
(Exceptions noted)

## Pulse Start Metal Halide Lamps

UPC	Model	Description
06472	MH250/U/ED28/PS	250W PSMH Lamp, MOG base, M153/E, ED28 Clear bulb
02689	MH250/BU/ED28/PS	250W PSMH Lamp, MOG base, M138/E, ED28 Clear bulb
03845	MH250/HOR/ED28/PS	250W PSMH Lamp, MOG base, M138/E, ED28 Clear bulb
03873	MH320/U/ED28/PS	320W PSMH Lamp, MOG base, M132/E, ED28 Clear bulb
02693	MH320/BU/ED28/PS	320W PSMH Lamp, MOG base, M132/E, ED28 Clear bulb
06473	MH400/U/ED28/PS	400W PSMH Lamp, MOG base, M155/E, ED28 Clear bulb
03847	MH400/HOR/ED28/PS	400W PSMH Lamp, MOG base, M135/E, ED28 Clear bulb
02701	MH400/BU/ED37/PS	400W PSMH Lamp, MOG base, M135/E, ED37 Clear bulb
07494	MH750/BU/ED37/PS	750W PSMH Lamp, MOG base, M149/E, ED37 Clear bulb
07489	MH1000/BU/ED37/PS	1000W PS MH M141/E lamp, base up burn, mogul base, ED37 bulb (Qty = 6)
Protected Pulse Start Metal Halide Lamps - Open Rated		
02691	MP250/BU/ED28/PS	250W PSMH Lamp, MOG (EX39) base, M138/O, ED28 Clear bulb
02695	MP320/BU/ED28/PS	320W PSMH Lamp, MOG (EX39) base, M132/O, ED28 Clear bulb
02703	MP400/BU/ED37/PS	400W PSMH Lamp, MOG (EX39) base, M135/O, ED37 Clear bulb



## Capacitors & Starters

UPC	Model	Description
80192	10.0/280-2B	10.0 microfarad, 280V, dry capacitor
80189	10.0/280-3A	10.0 microfarad, 280V, round oil capacitor
80120	10.0/400-1B	10.0 microfarad, 400V, oval oil capacitor
80122	10.0/400-2B	10.0 microfarad, 400V, dry capacitor
80124	10.0/400-3A	10.0 microfarad, 400V, round oil capacitor
80125	14.0/280-3A	14.0 microfarad, 280V, round oil capacitor
80130	15.0/400-1C	15.0 microfarad, 400V, oval oil capacitor
80161	15.0/400-2C	15.0 microfarad, 400V, dry capacitor
80134	15.0/400-3B	15.0 microfarad, 400V, round oil capacitor
80164	19.5/400-3B	19.5 microfarad, 400V, round oil capacitor
80140	24.0/400-1C	24.0 microfarad, 400V, oval oil capacitor
80142	24.0/400-2C	24.0 microfarad, 400V, dry capacitor
80144	24.0/400-3C	24.0 microfarad, 400V, round oil capacitor
80160	24.0/480-1C	24.0 microfarad, 480V, oval oil capacitor
93165	24.0/480-3C	24.0 microfarad, 480V, round oil capacitor
80154	26.0/525-3C	26.0 microfarad, 525V, round oil capacitor
80115	32.0/525-3D	32.0 microfarad, 525V, round oil capacitor
80131	35.0/240-1C	35.0 microfarad, 240V, oval oil capacitor
80143	35.0/240-2C	35.0 microfarad, 240V, dry capacitor
80145	35.0/240-3C	35.0 microfarad, 240V, round oil capacitor
80141	55.0/240-1C	55.0 microfarad, 240V, oval oil capacitor
80155	55.0/240-2C	55.0 microfarad, 240V, dry capacitor
80153	55.0/240-3C	55.0 microfarad, 240V, round oil capacitor
00221	8.0/280-2A	8.0 microfarad, 280V, dry capacitor
61000	ST1000	Starter HI: Pulse Start Ignitor 250-400W
61001	ST1001	Starter HI: PS-MH Ignitor 50-400W
99679	ST1003	Starter HI: Pulse Start Ignitor 750W
62000	ST2000	Starter HI: HPS Ignitor 200-400W
62005	ST2001A	Starter HI: HPS Ignitor 35-150W
62002	ST2002	Starter HI: HPS 1000W

**DISCONTINUED - Available While Supplies Last!**



### Medium LED Wallpack

UPC	Model	Description
08174	MLWP-5033-MV	Medium LED Wallpack, 5000K Color, 120-277V 60Hz
08175	MLWP-5046-MV	Medium LED Wallpack, 5000K Color, 120-277V 60Hz



### Medium LED Cutoff Wallpack

UPC	Model	Description
08251	MLCWP-5033-MV	Medium LED Wallpack, 5000K Color, 120-277V 60Hz
08252	MLCWP-5046-MV	Medium LED Wallpack, 5000K Color, 120-277V 60Hz



### LED Entry Light

UPC	Model	Description
08329	LEL-20-120	LED ENTRY LIGHT, 20 Watts, 4000K CCT, 120V 60Hz



### Mini LED Wallpack

UPC	Model	Description
08470	MINILWPP20-MV	MINI LED Wallpack, 21 Input watts, 5000K CCT, 120-277V 60Hz, 120-277v Photo-cell



### LED Work Light

UPC	Model	Description
08364	LWL-TP-22-120	LED Work Light, w/ Tripod, 5000K CCT, 120V 60Hz
09083	LWL-TP-72-120	LED Work Light, Twin Head, w/ Tripod, 5000K CCT, 120V 60Hz



# Notes

This section contains 18 horizontal light gray bars, intended for the user to take notes. The bars are stacked vertically and span most of the width of the page.

# Notes

A series of 20 horizontal light gray bars, stacked vertically, intended for writing notes. Each bar is approximately 20 pixels high and spans most of the page width.

# Notes

A series of 20 horizontal gray lines provided for taking notes.

# **HOWARD**<sup>TM</sup>

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