

# Fluorescents High Bays

**More light. On demand. Fully accessorized. Rugged construction.**

Fluorescent High Bays are the highest efficacy (light for electricity) luminaire available in the market place today. They are the perfect choice for large area lighting including warehouses, gyms, ballrooms, and more. **Texas Fluorescents** offers a complete selection of Hi-Bay Fluorescents to meet the exacting needs of your specific application. Choose from a variety of unique Hi-Bay Fluorescents' series each offering a range of features and benefits. Within each series, you can choose all the options required - occupancy sensors, lens enclosures, T5 or T8 lamp, different hanging methods and more.



**If you don't see what you need, call us.**

## Why Fluorescent Hi-Bays over HID Hi-Bays

REPLACE 400W METAL HALIDE HIGH BAYS, ONE FOR ONE, AND STOP WORKING IN THE DARK.

	Texas Fluorescents High Bays			400W
	HBG632H	HBG454	HBG654	Metal Halide
Initial Lumens*	21,400L	20,000L	30,000L	35,000L
Maintained Lumens*	20,100L	18,400L	27,600L	23,000L
Energy Demand, Watts	220W	235W	355W	455W
Lumens / Watt (efficacy)	92	78	78	51
Lamp life, hours	29,000Hrs	30,000Hrs	30,000Hrs	20,000Hrs

\*Maintained Lumens show the usable light (at lamp half life), and includes ballast effects. Lumens=Light output. Watts=Power consumed. Initial Lumens is light output on the 1st day only. **SEE THE DIFFERENCE.**

## Advantages

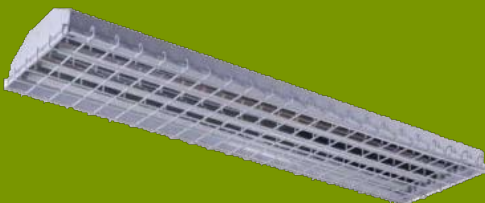


**Instant re-strike. Light on demand.**  
**White light - no color shift**  
**Emergency Lighting**  
**Occupancy sensors and Dimming**  
**Save money.**

**Reduce CO2 emissions.**  
**Lower maintenance requirements.**  
**Weatherproof Version**

### Add-On Capabilities

### Mounting Options



**Lens/Door Frame**  
**Wire guard**  
**Cords and plug sets**  
**Whips**  
**Multiple switch levels**  
**Dimming**  
**Emergency ballasts**  
**Daylight/Occupancy sensors**  
**Narrow (aisle) distribution**

**Chain + "S" hook**  
**Chain + Tong**  
**Cable & cable grips**  
**Double Stems**  
**Monopoint (single stem)**  
**Surface**  
**2x4 Tbar Grid**  
**Gripple Cable Hanging System**

# HI-BAY FLUORESCENTS

## Industrial Galvanized Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

More light, fully accessorized and rugged construction makes this the ideal choice in many applications. Premium, full specular reflectors with wide or narrow light distribution with a choice of 4, 6 or 8 lamps - T8 or T5HO - allows you to achieve the light levels you need. Galvanized code steel construction provides corrosion resistance in the most demanding applications. Access ballast without tools. Options include whips, cord sets, emergency battery, occupancy sensors and wire guards. Full choice of mounting methods including single or double stem mount, chain or cable mount or direct surface mount.

ITEM NO.	SIZE (L x W x H)	LAMPING
HBG432M23MV	48" x 14.5" x 3.25"	4-F32T8
HBG632M23MV	48" x 21.5" x 3.25"	6-F32T8
HBG832M23MV	48" x 28.25" x 3.25"	8-F32T8
HBG454M23MV	48" x 14.25" x 3.25"	4-F54T5HO
HBG654M23MV	48" x 21.5" x 3.25"	6-F54T5HO
HBG854M23MV	48" x 28.25" x 3.25"	8-F54T5HO

**M23-Mirrored wide distribution standard. M21 for narrow distribution or W13 for enhanced white reflector.**

## I-Beam Economy Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

Post Painted I-Beam construction with premium, full specular reflectors with wide or narrow light distribution. Access ballast without tools. Full range of options and mounting choices.

ITEM NO.	SIZE (L x W x H)	LAMPING
HBW632M23MV	48" x 21.5" x 3.25"	6-F32T8

**M23-Mirrored wide distribution standard. M21 for narrow distribution or W13 for enhanced white reflector.**

**POST  
PAINTED**

**NEW**

## Enclosed Body Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

Powerful & energy efficient. Easy maintenance access. Enclosed body. Fully accessorized.

ITEM NO.	SIZE (L x W x H)	LAMPING
HBP432MV	48" x 14" x 4"	4-F32T8
HBP632MV	48" x 20" x 4"	6-F32T8
HBP454MV	48" x 14" x 4"	4-F54T5HO
HBP654MV	48" x 20" x 4"	6-F54T5HO
HBP DFA432MV	48" x 15" x 4 1/2"	4-F32T8
HBP DFA125632MV	48" x 21" x 4 1/2"	6-F32T8
HBP DFA125454MV	48" x 15" x 4 1/2"	4-F54T5HO
HBP DFA125654MV	48" x 21" x 4 1/2"	6-F54T5HO
HBP4WG	Wire Guard 4 LT	
HBP6WG	Wire Guard 6 LT	
HBP DF4WG	Wire Guard Door Frame 4 LT	
HBP DF6WG	Wire Guard Door Frame 6 LT	

**HBP-No Door Frame. HBP DF - Door Frame Included.**

## Baffled Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

The FHB series is offered with baffles to cut glare and is dressed for applications requiring aesthetic appeal. Premium full specular mirrored reflectors are standard for high efficiency lighting; white reflectors can be specified for wider distribution. The FHB series can also be configured to provide 10% uplight. Mounting options include direct surface, chain, or pendant cable. Custom painted finishes available. Ideal for retail applications.

ITEM NO.	SIZE (L x W x H)	LAMPING
FHBL232M20MV	48" x 9.25" x 4.25"	2-F32T8
FHBL2328M20MV	96" x 9.25" x 4.25"	4-F32T8
FHBL254M20MV	48" x 9.25" x 4.25"	2-F54T5HO
FHBL2548M20MV	96" x 9.25" x 4.25"	4-F54T5HO
FHBL332M20MV	48" x 9.25" x 4.25"	3-F32T8
FHBL3328M20MV	96" x 9.25" x 4.25"	6-F32T8
FHBL354M20MV	48" x 9.25" x 4.25"	3-F54T5HO
FHBL3548M20MV	96" x 9.25" x 4.25"	6-F54T5HO
FHBL432M20MV	48" x 9.25" x 4.25"	4-F32T8
FHBL4328M20MV	96" x 9.25" x 4.25"	8-F32T8
FHBL454M20MV	48" x 9.25" x 4.25"	4-F54T5HO
FHBL4548M20MV	96" x 9.25" x 4.25"	8-F54T5HO

**M20-Full Specular (Mirrored), M20 UP - Mirrored Reflector with uplight, or W13 for enhanced white reflector all down or W10UP for enhanced white reflector with uplight.**

# HI-BAY FLUORESCENTS

## Rough Service Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)



CITADEL™ family of gasketed enclosures are designed to protect fluorescent lighting in harsh environments. These units seal out dust and moisture from the electrical components in a wide range of applications. CITADEL 4™ offers more versatility and benefits than any other weatherproof enclosure offered. Wide profile designed around T8 or T5 lamps for long term energy savings. Features include poured in place gasket and stainless steel latches to seal the enclosure; economical mounting options can provide dramatic savings on installation labor; very tough diffusers resist breakage and reduce replacement and maintenance costs; utilize off the shelf 1/2" fitting; and tamper resistance latches standard.

ITEM NO.	SIZE (L x W x H)	LAMPING
CITA432M20MV	51.91" x 14.61" x 5.95"	4-F32T8
CITA632M20MV	51.91" x 14.61" x 5.95"	6-F32T8
CITA454M20MV	51.91" x 14.61" x 5.95"	4-F54T5HO
CITA654M20MV	51.91" x 14.61" x 5.95"	6-F54T5HO

**M20 - Full Specular (Mirrored) Reflector. Leave blank for no reflector.**

## Grid Mount Enclosed Body Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

Rugged steel body with hinged and latched door frame for lens options. Ballast housing above body provides cooler operation for longer life.

ITEM NO.	SIZE (L x W x H)	LAMPING
HB131A125454MV	47.75" x 23.75" x 6"	4-F54T5HO
HB131A125654MV	47.75" x 23.75" x 6"	6-F54T5HO
HB131A125632MV	47.75" x 23.75" x 6"	6-F32T8

**Standard with A.125 lens. Consult factory for other lens options including Clear Acrylic.**

**See complete line of Hi-Bay Fluorescents at  
[www.texasfluorescents.com](http://www.texasfluorescents.com)**

## Economy Hi-Bay



Ideal With  
Premium  
Performance  
Options  
(see page 44)

Low profile, enclosed hi-bay shown with optional wire guards has rear ballast access. Now available with door frame to hold lens.

ITEM NO.	SIZE (L x W x H)	LAMPING
HBT8432MV	48.5" x 13.38" x 4.25"	4-F32T8
HBT8632MV	48.5" x 18.5" x 4.25"	6-F32T8
HBT5454MV	47" x 13.38" x 4.25"	4-F54T5HO
HBT5654MV	47" x 18.5" x 4.25"	6-F54T5HO
HBT8DFA432MV	48.5" x 13.38" x 4.25"	4-F32T8
HBT8DFA632MV	48.5" x 18.5" x 4.25"	6-F32T8
HBT5DFA454MV	47" x 13.38" x 4.25"	4-F54T5HO
HBT5DFA654MV	47" x 18.5" x 4.25"	6-F54T5HO
HBT84WG	Wire Guard 4 LT for T8	
HBT86WG	Wire Guard 6 LT for T8	
HBT54WG	Wire Guard 4 LT for T5	
HBT56WG	Wire Guard 6 LT for T5	

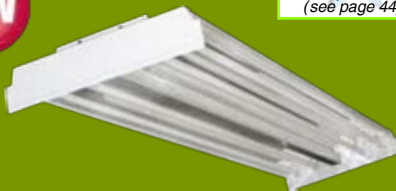
**HBT8(5) - No Door Frame. HBT8(5)DFA - Door Frame Included.**

For Mounting Options  
See Page 49.

## H5L HiBay Wrap



Ideal With  
Premium  
Performance  
Options  
(see page 44)



Need lots of light but on a tight budget the Hi-Bay T5 Lighter designed especially for 4 light T5 is the right light. Use with highly specular mirrored reflector or enhanced premium white reflector to put 20,000 lumens where you want them. Mounts simply with chain kit.

ITEM NO.	SIZE (L x W x H)	LAMPING
H5L454M23MV	48" x 13" x 3"	4-F54T5HO
H5L454W13MV	48" x 13" x 3"	4-F54T5HO

**M23 - Mirrored wide distribution or W13 - Enhanced white Aluminum reflector.**



For factory installed ballast disconnect to meet 2008 NEC 410.130(G) add "D" to end of item number and a small adder will be applied.