

# HIGHBAY LIGHTING



***A DIFFERENT WAY OF LIGHT***



# A DIFFERENT WAY OF LIGHT



Venture Lighting is a worldwide innovator, manufacturer and supplier of energy efficient lighting materials, components, systems, fixtures and controls. Since being founded in 1983 and becoming part of Advanced Lighting Technologies in 1995, Venture Lighting has always been a pioneer in light source technologies. An advocate for industry terms like "LPW" and "Lumen Maintenance", Venture has had a positive difference on the lighting industry.

#### ***An Innovation Leader:***

- Full line of LED lamps, fixtures and controls
- Low glare
- High efficacy
- Thermal management
- Precise optics
- Fixtures that are application adaptable

#### ***Customers are assured:***

- The very best technology
- The highest level of service
- Ease of working with
- Dedicated technical and customer support



**energy  
saving**



**longer  
life**



**superior  
performance**



**easy to  
install**



**5 year  
warranty**



**technical  
support**

## HIGHBAYS



**A DIFFERENT WAY OF LIGHT**

# HIGHBAY LIGHTING



200W Modern Highbay

# HIGHBAY LIGHTING



Venture Lighting's 200W Modern  
LED Highbay  
Palm Beach Convention Center,  
Palm Beach, FL

## Modern

- Available in 90W, 150W, 200W, 300W in 120-277V configurations as well as 100W, 150W, 200W, 300W in 347-480V configurations
- 200W High ambient temperature model available
- 5000K color temperature, 4000K versions available, contact for lead time

## V-Solution

- Available in 150W and 300W, in 120-277V and 347-480V configurations
- Easy, economical lighting upgrade
- Efficacy up to 130 lumens per watt
- IP65 Rating
- CCT: 5000K
- Beam angle: 90° standard
- 0-10V DC dimming standard

## Linear

- Available in 110W, 160W and 320W in 120-277V configurations
- Clear or frosted lens versions available
- V-hook (2pcs) and 42" chain accessories supplied
- Versatile and easy to install - pendant or surface mount accessories sold separately
- 0-10V Dimming standard



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# MODERN Highbay Applications



200W Modern LED highbay

## Benefits and Features

- LED light source is mounted to an aluminum heat sink which is designed to ensure proper thermal management
- Cooler running LED chip which leads to longer lifetime, better efficacy, and color consistency
- Water and dust resistant, with IP65 rating.
- Operating temperature range of -22°F to 122°F (-30°C to 50°C)
- 90 degree beam spread for higher mounting heights and are also field adjustable with an accessory lens
- Durable housing with powder coat finish to withstand demanding environments
- Superior thermal path for cool running LEDs and Driver
- Numerous accessories available
- Vandal resistant polycarbonate lens
- Optical chamber is sealed and gasketed
- Capable of adding motion/photocell sensor
- Instant on - No need to wait for a fixture to warm-up
- 5 year warranty
- UL rated for damp and dry locations
- Universal 120-277V 50/60 Hz input or 347-480V input
- 0-10V DC dimming standard to maximize energy savings
- Longer product life - Reduced maintenance costs
- Lightweight and easy to install

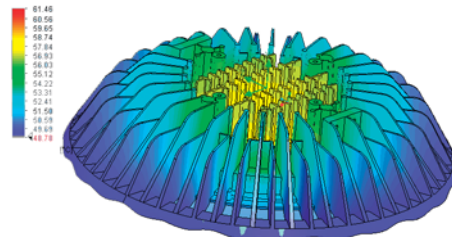


# COMMERCIAL/INDUSTRIAL HIGHBAY



## Modern High Ambient

- Durable Housing with powdercoat finish to withstand demanding environments
- Superior thermal path for cool running LEDs and Driver
- High ambient temperature model available in 200W in 120-277V configurations
- 5000K color temperature, 4000K versions available, contact for lead time
- Numerous accessories available

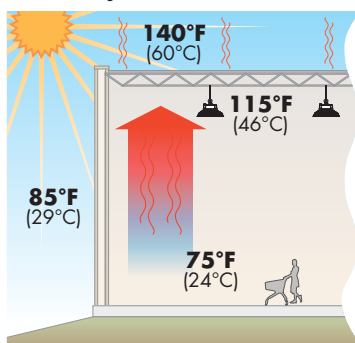


*Venture's Modern LED highbay for high ambient temperature is designed to promote natural air flow movement, keeping heat away from the optics and electrical components.*

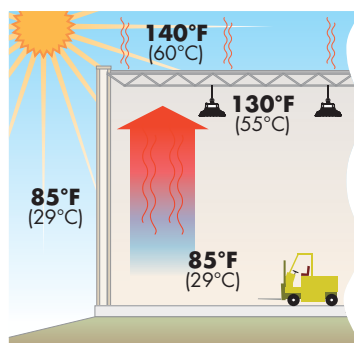
## Temperature Does Matter

- Temperature near the ceiling of a high bay application may reach 130° F and beyond, greatly reducing the light output of a fluorescent fixture, but not Venture's Modern LED highbay
- Whether it's a warehouse or a big box retail, air conditioned or unconditioned, Venture's high ambient Modern LED highbay is not affected by a change in temperature

Conditioned Big Box Retail



Unconditioned Warehouse

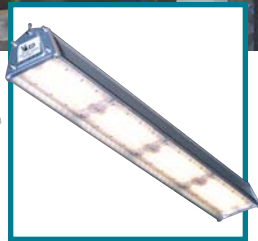


# COMMERCIAL/INDUSTRIAL APPLICATIONS



## Linear

- Available in 110W, 160W and 320W in 120-277V configurations
- Clear or frosted lens versions available
- V-hook (2pcs) and 42" chain accessories supplied
- Versatile and easy to install - pendant or surface mount accessories sold separately
- Optional wire guard available



## Wave

- Perfect aisle lighter with polycarbonate lens achieves 60 x 90 distribution
- Available in 90W and 150W in 120-277V configurations
- Optical chamber is sealed and gasketed
- 0-10V DC dimming standard
- (2) aircraft cables included with fixture for mounting



## Modern

- Available in 90W, 150W, 200W, 300W in 120-277V configurations as well as 100W, 150W, 200W, 300W in 347-480V configurations
- 200W High ambient temperature model available
- 5000K color temperature, 4000K versions available, contact for lead time



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Tel. 800-451-2606 • [VentureLighting.com](http://VentureLighting.com)

# FOOD PROCESSING APPLICATIONS



## VSplash

- Available in 150W
- IP69K washdown rated
- 5000K color temperature
- NSF Certified for food production areas
- Efficacy up to 130 lumens per watt
- Electrical: 120-277V 50/60Hz
- No external reflectors required
- Polycarbonate lens: safe for food processing applications
- Operating temperature: -40°C up to 50°C
- Beam angle: 90° standard; optional 50° and 120° beam angles available
- Body and mounting loop are Aluminum alloy
- Stainless steel hardware



IP69K



Note: \* NSF Certified for General Lighting,  
not for food contact



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# GYMNASIUM APPLICATIONS



## Benefits and Features

- V-hook (2pcs) and 42" chain accessories supplied with each fixture for suspended mount
- Clear or frosted lens versions available
- Optional wire guard available
- Versatile and easy to install - pendant or surface mount accessories sold separately
- Operating temperature range of -30°C to 45°C (110W, 160W); -30°C to 40°C (320W)
- Universal 120-277V 50/60 Hz input
- 0-10V Dimming standard
- Rated for damp and dry locations







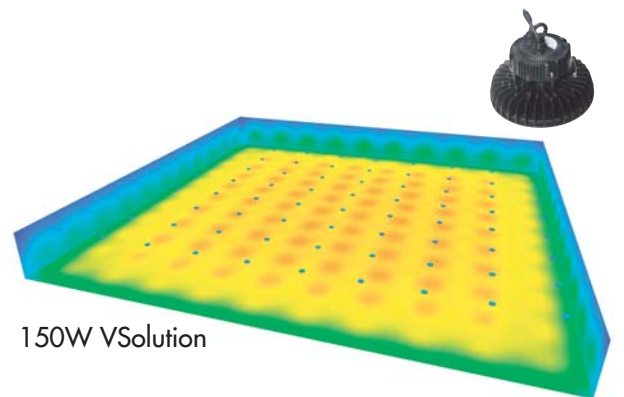
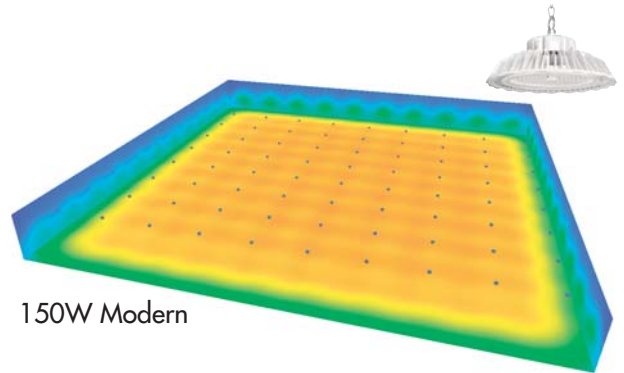
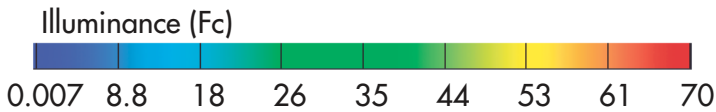
# LED HIGHBAY COMPARISON

## Lighting Layout Comparison

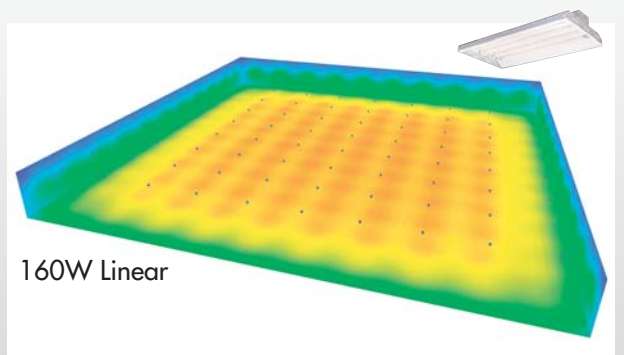
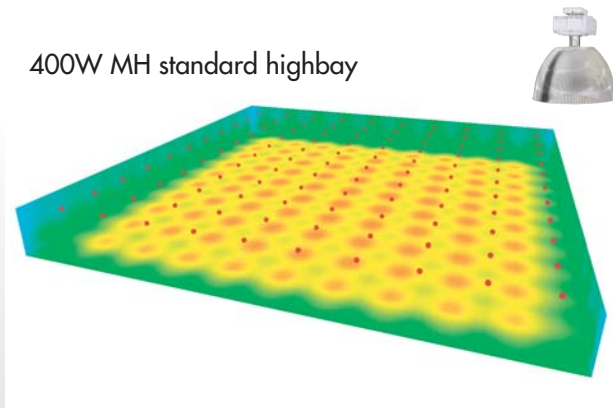
For comparison, the following lighting layouts were created for a 200' x 200' room with 20' ceiling height, 18' mounting height and with 18' x 20' spacing except the reduced fixture layout with 200W Modern is 20' x 25' spacing

NOTE: The energy costs are based on 5000 hours per year at \$0.10/KWH

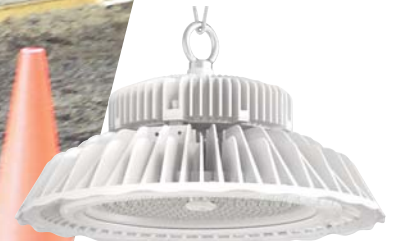
				
	400W Standard MH HB	150W Modern LED HB	150W VSolution LED HB	160W Linear Clear HB
CCT	3700K	5000K	5000K	5000K
CRI	68	80	80	80
Number of Fixtures	110	110	110	110
Avg Light Levels	53	55	53	53
Max. Light Level	61.1	61.4	69	63
Min. Light Level	26.0	21	21	22
Ann. Energy Savings %	-	67.2%	56.2%	68.2%



400W MH standard highbay



# HIGHBAY LIGHTING



200W Modern Highbay

*"The lighting makes a huge difference. Not only has it lowered our energy costs, but what happens in here are special moments for these families; moments they will want to hold onto. Whether it's taking a photo, or just committing to memory, having the right light out here really changes the way these moments are captured"*

*-Rick Schemel Sr  
A Director at Hope Center*



*energy  
saving*



*longer  
life*



*superior  
performance*



*easy to  
install*



*5 year  
warranty*



*technical  
support*

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