



FEATURES

- Replaces 250W to 1000W metal halide and high pressure sodium lamps and luminaires
- High output - up to 48,000 lumens
- Type A+B hybrid lamp - compatible with HID ballast types 250-1000W and works on 120-480V direct line voltage
- Operates in high-temperature environments up to 158°F / 70°C
- IP65 rated for wet and dusty locations
- Patented low glare optics, UGR<23
- Sensor Ready - optional 3 pin occupancy sensor; Bluetooth sensor / controls (not compatible with ballast operation)
- Heavy-Duty – durable construction for industrial, warehouse, and manufacturing environments
- Significant energy savings and fast ROI compared to traditional HID lighting
- Long LED lifespan rated over 100,000 hours
- Easy installation and low maintenance
- 5-Year Warranty

APPLICATIONS

- High Lumens (eg. 1000W HID Replacement)
- Ballast Compatible or Direct HID retrofit
- Enclosed fixture regrofit
- High temperature environments (up to 158°F)
- High ceilings (eg. aircraft hangars, manufacturing, warehouse, convention halls)

CERTIFICATIONS



Hybrid EX39 LED Lamp (Type A+B)

The **Super High Bay XL Lamp** is a high-efficiency LED solution engineered to replace 400–1,000W metal halide and high-pressure sodium HID bulbs. **Delivering up to 48,000 lumens at 170 lumens per watt**, it sets a new standard for industrial lighting performance. This **hybrid Type A+B lamp** is uniquely designed to run on existing 250–1,000W HID ballasts or directly on universal line voltage (120–480V), giving you maximum installation flexibility and cost savings. Simply swap bulbs for a true plug-and-play upgrade, or bypass the ballast entirely to cut maintenance costs and realize even more energy savings.



SPECIFICATIONS

- **POWERED BY:** 250-1000W HID ballast or 120-480V direct line voltage
- **WATTAGE:** 280W (Standard), 200W (optional)
- **LUMENS:** Up to 48,000 LM
- **EFFICACY:** Up to 170 LPW
- **CCT:** 5000K
- **CRI:** 80
- **BEAM ANGLE:** 90°
- **OPERATING TEMP:** -4°F to 140°F (280W) and 158°F (200W)
- **IP Rating:** IP65, dry and wet conditions
- **SURGE:** 6kV
- **MOUNTING:** EX39 mogul base designed for vertical installation
- **SENSOR READY:** 3 pin connector for occupancy & daylight; Bluetooth controls

HYBRID EX39 LED LAMP (TYPE A+B) Super High Bay XL Lamp

PERFORMANCE

PRODUCT	POWER	LUMENS	LPW	AMBIENT TEMP (OPEN)	AMBIENT TEMP (ENCLOSED)
Super HBXL Lamp	280W	47,600	170	122°F	N/A
	200W	35,400	177	158°F	104°F

*280W option is rated for OPEN fixtures only. 200W option can be used in OPEN or ENCLOSED fixtures.

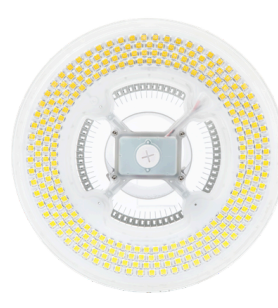
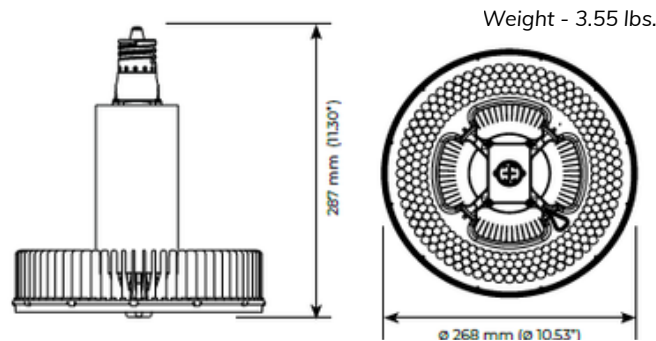
HID BALLAST COMPATIBILITY

The Hybrid series Super High Bay Lamp is compatible with HID magnetic ballasts between 250-1000W. Such ballast types include probe start, pulse start, CWA, or reactive. The table below shows compatible ballasts that have been tested. Input to ballasts may be up to 480V. Optical distribution and lumen output are constant regardless of ballast type or wattage.

*** Bluetooth must be used in ballast bypass mode only**

HID Ballast Compatibility				
TYPE	400W	600W	750W	1000W
Metal Halide	M135/M155 MH59	-	M149	M141, M47
HPS	S51, NG400	S106, NG600		NG1000, S52

DIMENSIONS



HYBRID EX39 LED LAMP (TYPE A+B)
Super High Bay XL Lamp

SUPER HIGH BAY XL SERIES - LAMP

Example: **Super-HBXL-E39-48KLM-50K**

MODEL	TYPE	WATTAGE	LUMENS (XXKLM)	CRI	CCT (YYK)	INPUT	ENCLOSED FIXTURE?	SENSOR
Super-HBXL	E39: EX39 Lamp	280W	48KLM: 47,600LM	80+	50K: 5000K	HID Ballast / 120-480V Universal	NO	Blank
		200W	35KLM: 35,400 LM				YES	OS: Occupancy Sensor BT: Bluetooth Sensor

SUMMARY

- Universal LED Replacement: **Hybrid Type A+B Lamp** - both ballast compatible AND operates on direct line voltage 120-480V
- **High Output LED:** 250-1000W metal halide direct replacement providing up to 48,000 lumens
- Patented **low glare (UGR<23) optics**, provides more light on target
- IP65 & ETL wet listed
- 280W rated for open fixtures only; 200W can be used in open or enclosed fixtures
- Additional CCT / CRI / Power combinations may be available as a custom order - inquire for availability