

## LUMAWEDGE HIGH BAY

### MODULAR HIGH BAY

#### Exceptional Design and Construction for Ingress and Impact Resistance, Thermal Management

The best in design and quality construction qualify these fixtures to be rated IP65 (ingress) and IK09 (impact), respectively. IP is a measure of how well the luminaire is protected against moisture and dust. IK is a measure of the fixture's resilience and protection against mechanical impact and will not shatter. LumaWedge fixtures carry exceptional IP and IK ratings – evidence of their durability. Furthermore, the unique modular design with thin body and finned heat sinks allows for rapid heat dissipation so the luminaire effectively conducts heat from the diodes, prolonging the life of the fixture.

#### Modularity, Flexibility in Installation with Sensing Options

The LumaWedge's design lends itself to a variety of flexible combinations and methods of installation. The fixtures can be used with just two modules, or "wedges," up to six, creating a uniquely versatile fixture to fit many applications. With standard dimming, and the option of two-step motion sensing and daylight harvesting capabilities, the LumaWedge is a flexible and versatile luminaire. Furthermore, the fixtures can be rigid mounted.

#### Even and Adjustable Light Distribution

Designed for a number of applications (including food processing facilities), these fixtures offer adjustable light distribution to account for distinct distribution requirements in different locations. From leaving all wedges on a plane level to angling all of them up to broaden the reach, or some combination thereof, the LumaWedge can get the light where it needs to be.

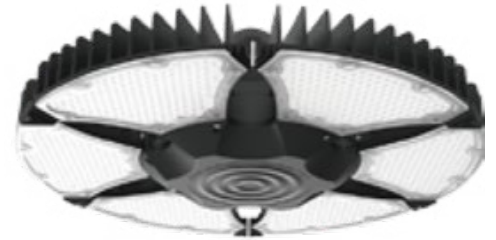
#### Quality Core Components

Using the best core components, including high-quality chip sets and drivers results in a fixture that not only lasts a long time, but also in high efficacy and resulting lumen output.

#### Common Applications

Warehouses, Food Processing Plants, Factories, Manufacturing Plants

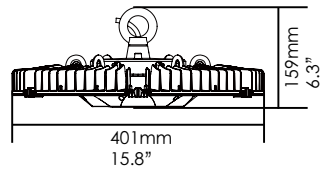
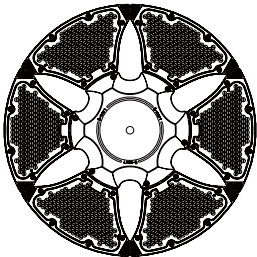
## IK09 IP65



### ORDERING GUIDE

MODEL	WATTAGE	BEAM ANGLE	CRI	CCT	VOLTAGE	MOUNTING
HB - 6		<b>W</b>	<b>8</b>		<b>U</b>	
	090 90W	W 80 DEGREE	8 ≥80	30 3000K	U 100-277V	EY EYE HOOK (STANDARD)
	135 135W			40 4000K		3Q 3/4" CONDUIT ADAPTOR
	180 180W			50 5000K		UB TRUNION MOUNT
	260 260W					

### DIMENSIONS



### ENERGY DATA

POWER	# of WEDGES	LUMENS	EFFICACY
90W	2	14,400lm	160 lm/W
135W	3	21,735lm	161 lm/W
180W	4	28,800lm	160 lm/W
260W	6	41,340lm	159 lm/W



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**BEAM ANGLE:** 80°

**INPUT VOLTAGE:** AC100-277V ~ 50/60Hz

**OPERATING AMBIENT TEMPERATURE:** -13°F ~ +131°F

**POWER SUPPLY:** INTEGRAL DRIVER

**POWER FACTOR:** >0.9

**LIFETIME:** ≥ 50,000hrs

**Housing:** The body of the LumaWedge High Bay is made of just a few extruded aluminum and polycarbonate pieces, making it both a rugged and resilient luminaire as well as an aesthetically intriguing and dynamic.

**Mounting Options:** Available options include a standard eye hook (standard), as well as 3/4" rigid mount.

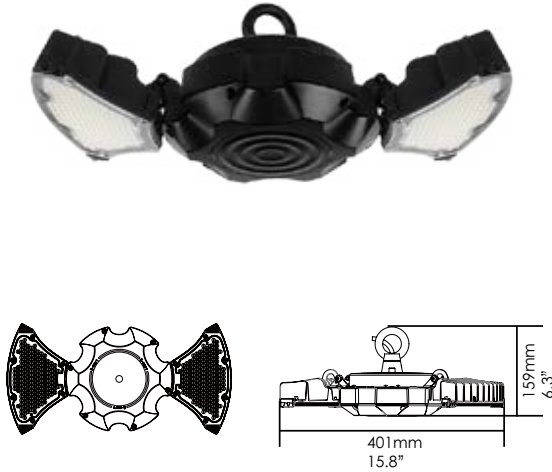
**Electrical:** The LumaWedge High Bay comes standard with a high-performance driver that goes from 100-277V, power factor of 90%+, internal to the fixture. The LumaWedge is rated for ambient temperatures from -13°F to +131°F (-25°C to +55°C), comes with 4kV surge protection, and 0-10V dimming as standard. Occupancy sensing and daylight harvesting sensing are optional.

**Warranty:** Five (5) year warranty on entire system. For more details on warranty conditions, please contact factory.

**Lumen Maintenance:** The lumen packages are rated for 50,000+ hours ( $L_{70}$ ) at 35°C.

### MODULAR CONFIGURATIONS

HB-6090



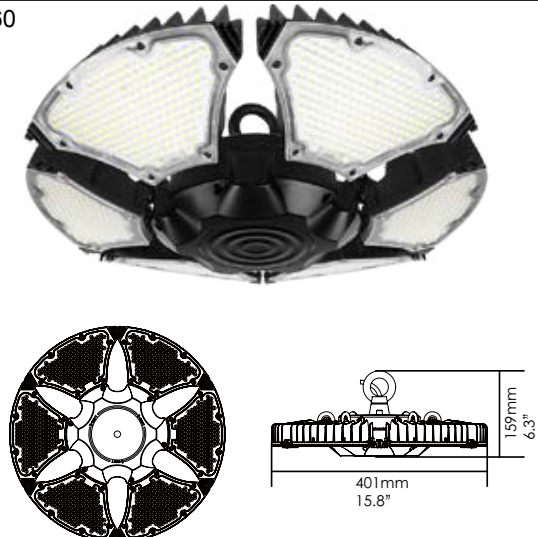
HB-6135



HB-6180



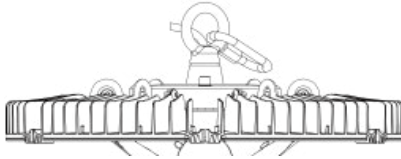
HB-6260



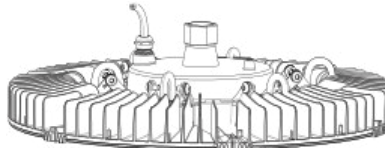
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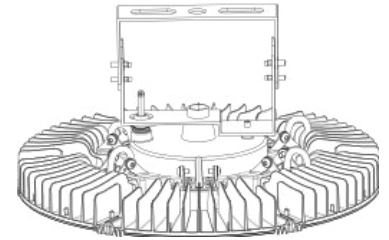
### MOUNTING OPTIONS



EY: Eye Hook



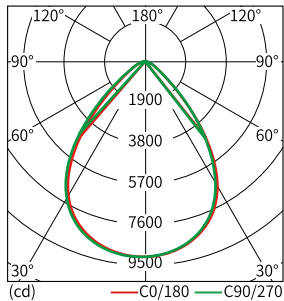
3Q: 3/4" Conduit Pipe Adaptor



UB: Trunion Mount

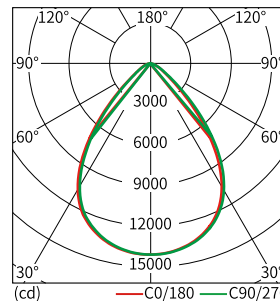
### PHOTOMETRICS

#### HB-6090



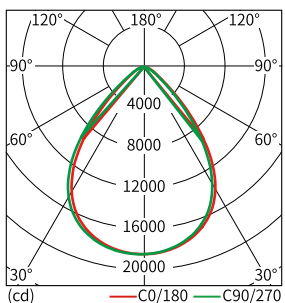
H(m)	LUX	CM
2	2282	333
4	570	667
6	254	1000
8	143	1333
10	91	1666

#### HB-6135



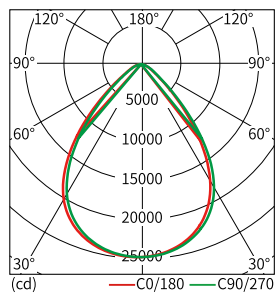
H(m)	LUX	D(cm)
2	3523	324
4	881	649
6	392	973
8	220	1298
10	141	1622

#### HB-6180



H(m)	LUX	D(cm)
2	4603	335
4	1151	669
6	511	1004
8	288	1338
10	184	1673

#### HB-6260



H(m)	LUX	D(cm)
2	6269	332
4	1567	664
6	697	995
8	392	1327
10	251	1659