



BAY-E : ROUND HIGH BAY

FEATURES

- Up to 160 lpw ultra-high efficiency delivers superior performance over legacy HID highbays
- Instant-on with no warmup
- 0-10V dimming
- Optional Plug-and-Play sensors compatible with all fixtures
- 120° beam angle standard; optional field installed 60° and 90° options available

LISTINGS

- UL Listed for wet locations
- IP65 Rated for dust and water ingress protection
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

LED CHARACTERISTICS

- LED Rated lifetime L90: >36,000 hours (see Driver Lifetime/Lumen Maintenance chart on p. 2)
- 4000K, 5000K CCT
- CRI: >80

THERMAL

- -31°F to 122°F (-35°C to 50°C) operating temperature

ELECTRICAL

- Input voltage: 120-277V, 277-480V
- Dimmable power supply (0-10V)
- Power Factor: >.9
- THD: <20%

CONSTRUCTION

- Slim, lightweight construction (6.2–14.1 lbs) allows for quick and easy installation
- All lens options manufactured using impact-resistant polycarbonate (PC)

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details

project name	type
catalog number	
comments	voltage
approved by	date



Optional field installed sensors can be added in seconds (BAY-E-SEN/M shown)

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers



ORDERING INFORMATION

EXAMPLE: BAYE2/100W/840/UD/BK

					Options*		
Model	Watts	CRI/CCT	Voltage	Dimming	Finish	Distribution	Controls
BAY-E2 : E-Series Round High Bay	100W - 100W; 15,400 lm	840 - 80 CRI; 4000K 850 - 80 CRI; 5000K	U - 100-277V V - 277-480V	D - 0-10V Dimming	BK - Black W - White	[Blank] - 120° Lens L60D - 60° Lens† L90D - 90° Lens†	[Blank] - No controls SEN/M - Microwave Sensor† SEN/PIR - PIR Sensor†
	150W - 150W; 23,375 lm						
	200W - 200W; 32,000 lm						
	240W - 240W; 38,000 lm						

*Can be combined †Field installed

PERFORMANCE SUMMARY

Order Code	Item #	Watts	Nominal Lumens	LPW	CCT	CRI	Dimming	Volts	Finish	Replaces	DLC Premium
11290	BAYE2/100W/840/UD/BK	100W	15,400	155	4000K	80+	0-10V	120-277V	Black	150W-175W	✓
11291	BAYE2/100W/850/UD/BK				5000K	80+	0-10V	120-277V		150W-175W	✓
11302	BAYE2/100W/840/VD/BK				4000K	80+	0-10V	277-480V		150W-175W	✓
11301	BAYE2/100W/850/VD/BK				5000K	80+	0-10V	277-480V		150W-175W	✓
11292	BAYE2/150W/840/UD/BK	150W	23,375	157	4000K	80+	0-10V	120-277V	White	250W-320W	✓
11293	BAYE2/150W/850/UD/BK				5000K	80+	0-10V	120-277V		250W-320W	✓
11294	BAYE2/150W/850/UD/W				5000K	80+	0-10V	120-277V		250W-320W	✓
11300	BAYE2/150W/840/VD/BK				4000K	80+	0-10V	277-480V	Black	250W-320W	✓
11303	BAYE2/150W/850/VD/BK	200W	32,000	161	5000K	80+	0-10V	277-480V		250W-320W	✓
11295	BAYE2/200W/840/UD/BK				4000K	80+	0-10V	120-277V		400W	✓
11296	BAYE2/200W/850/UD/BK				5000K	80+	0-10V	120-277V		400W	✓
11297	BAYE2/200W/850/UD/W				5000K	80+	0-10V	120-277V	White	400W	✓
11304	BAYE2/200W/840/VD/BK	240W	38,000	158	4000K	80+	0-10V	277-480V		400W	✓
11305	BAYE2/200W/850/VD/BK				5000K	80+	0-10V	277-480V		400W	✓
11298	BAYE2/240W/840/UD/BK				4000K	80+	0-10V	120-277V	Black	400W	✓
11299	BAYE2/240W/850/UD/BK				5000K	80+	0-10V	120-277V		400W	✓
11306	BAYE2/240W/840/VD/BK				4000K	80+	0-10V	277-480V		400W	✓
11307	BAYE2/240W/850/VD/BK				5000K	80+	0-10V	277-480V		400W	✓

AVAILABLE ACCESSORIES

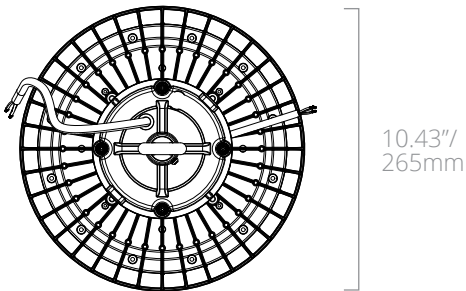
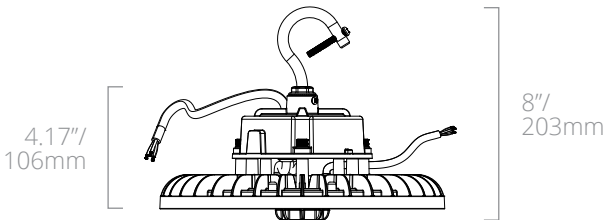
Order Code	Item #	Description
10730	BAY-E-LENS-60D/100W	Lens 60° 100W
10731	BAY-E-LENS-90D/100W	Lens 90° 100W
10732	BAY-E-LENS-60D/150W	Lens, 60° 150W
10733	BAY-E-LENS-90D/150W	Lens, 90° 150W
10734	BAY-E-LENS-60D/2X0W	Lens, 60° 200W and 240W
10735	BAY-E-LENS-90D/2X0W	Lens, 90° 200W and 240W
10740	BAY-E-SMK	Surface Mount Kit
10741	BAY-E-PA-3/4NPS-BK	Pipe Adapter for 3/4 NPS
10736	BAY-E-SEN/M*	Sensor Microwave Bi-Level Dim w/ PC
10738	BAY-E-SEN/PIR*	Sensor PIR Bi-Level Dimming w/ PC
10870	BAY-E-SEN/RC	BAY-E Remote Control for BAY-E Sensor

***NOTE:** BAY-E-SEN/RC is required for configuring sensors

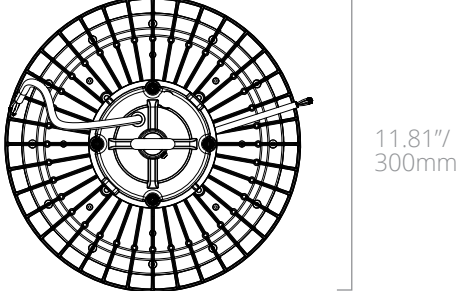
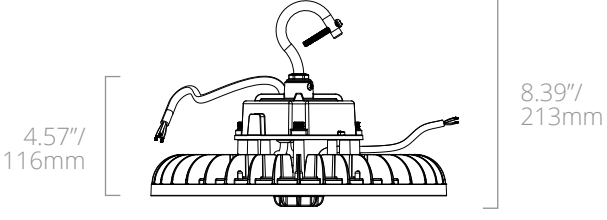
DRIVER LIFETIME/LUMEN MAINTENANCE

Model	Ambient	Driver	LED		
		Life (hours)	L70 (hours)	L80 (hours)	L90 (hours)
100W	50°	37000	>54000	>54000	40000
	45°	52000	>54000	>54000	42000
	40°	74000	>54000	>54000	43000
	25°	120000	>54000	>54000	47000
150W	50°	35000	>54000	>54000	40000
	45°	51000	>54000	>54000	41000
	40°	71000	>54000	>54000	42000
	25°	120000	>54000	>54000	46000
200W	50°	31000	>54000	>54000	39000
	45°	44000	>54000	>54000	40000
	40°	62000	>54000	>54000	42000
	25°	120000	>54000	>54000	46000
240W	50°	26000	>54000	>54000	39000
	45°	37000	>54000	>54000	40000
	40°	53000	>54000	>54000	41000
	25°	120000	>54000	>54000	45000

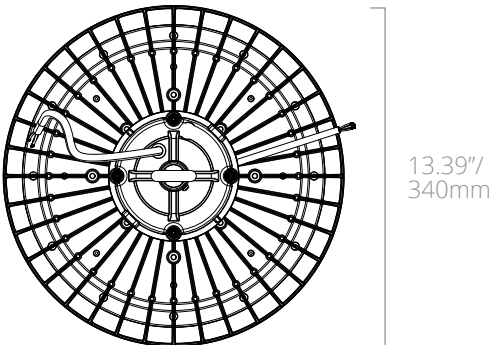
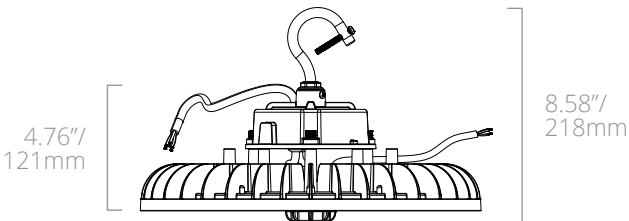
DIMENSIONS



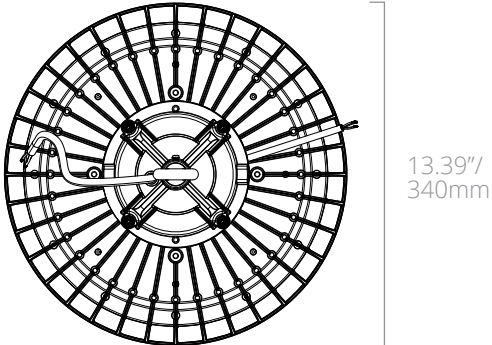
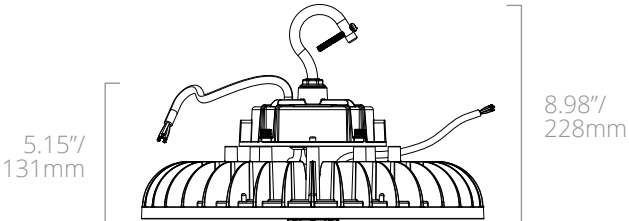
BAYE2/100W
(With 6' power cord)



BAYE2/150W
(With 6' power cord)



BAYE2/200W
(With 6' power cord)



BAYE2/240W
(With 6' power cord)