BAY-C ROUND HIGH BAY

project name	type
catalog number	voltage
approved by	date

FEATURES

- Up to 151 lpw ultra-high efficiency delivers superior performance over legacy HID highbays
- Instant-on with no warmup
- 1-10V dimming

CERTIFICATIONS

- 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

PERFORMANCE

- LED Rated lifetime L80: 72,000 hours
- 5000K CCT
- CRI: >80

ELECTRICAL

- Input voltage: 100-277V
- 0-10V dimming
- Power Factor: >.9
- THD: <20%

THERMAL

- -40°F to 122°F (-40°C to 50°C) operating temperature

CONSTRUCTION

- Thermally optimized diecast aluminum heatsink
- Five-step super durable TGIC powder coating for tough environmental conditions
- Tempered glass lens standard on all fixtures
- 6' power cord standard for more installation flexibility

WARRANTY

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



APPLICATIONS

- Gyms & Athletic Facilities
- Production Areas
- Shipping/Receiving
- Warehouses
- Retail/Storefront

CONFIGURATOR

MODEL	WATTAGE	CRI/CCT	VOLTAGE	DIMMING
BAY-C : C-Series Round High Bay	**100W** - 100W **150W** - 150W **200W** - 200W	**850** - 80 CRI; 5000K	**U** - 100-277V	**D** - 0-10V Dimming

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PERFORMANCE SUMMARY

ORDER CODE	ITEM #	WATTS	BEAM ANGLE	NOMINAL LUMENS	LPW	REPLACES	CCT	CRI	DIMMING	VOLTS	DLC PREMIUM
10934	BAYC/100W/850/UD	100W	120°	15,000	150	250W-320W	5000K	>80	0-10V	100-277V	✓
10935	BAYC/150W/850/UD	150W	120°	22,650	151	250W-320W	5000K	>80	0-10V	100-277V	✓
10936	BAYC/200W/850/UD	200W	120°	30,000	150	320W-400W	5000K	>80	0-10V	100-277V	✓

ADDITIONAL FACTORY INSTALLED OPTIONS

EXAMPLE: BAYC/150W/850/UD-EM40W

EM40W - 40W Emergency Battery Backup (field install only; consult EiKO for details)

ACCESSORIES

ORDER CODE	ITEM #	DESCRIPTION
09585	BAY-REFLECTOR BT-AL-60D	60° Beam Aluminum Reflector
09586	BAY-REFLECTOR BT-AL-90D	90° Beam Aluminum Reflector
09587	BAY-REFLECTOR BT-PC-70D	70° Beam Polycarbonate Reflector
10378	BAY-PA-1/2NPS-W	BAY Pipe Adaptor 1/2" NPS White
10379	BAY-PA-3/4NPS-W	BAY Pipe Adaptor 3/4" NPS White
10387	BAY-REFLECTOR-AC16	BAY Light Relector Clear Acrylic
09914	BAY-REFLECTOR-CV16	Cloudveil Reflector, 16" for BAY
09915	BAY-REFLECTOR-CV22	Cloudveil Reflector, 22" for BAY
09912	BAY-WG-AL	Wire Guard, Aluminum Reflector
09911	BAY-WG-PC	Wire Guard, PC Reflector
10386	BAY-CWB-16	16" Clear Wide Bay Lens Acrylic
10385	BAY-CDL-22	22" Clear Drop Lens Acrylic
10383	BAY-CDL-16	16" Clear Drop Lens Acrylic
10380	BAY-BAND-16	Stainless Steel Clamp Band, 16" Reflectors
10381	BAY-BAND-22	Stainless Steel Clamp Band, 22" Reflectors
10382	BAY-CCL-16	16" Clear Conic Lens Acrylic
10384	BAY-CCL-22	22" Clear Conic Lens Acrylic


60° Aluminum


90° Aluminum


70° Polycarbonate


AC16 Reflector


16" Cloudveil™


22" Cloudveil™


Steel Clamp Band


Pipe Adaptors


BAY-CCL-16


BAY-CCL-22


BAY-CDL-16


BAY-CDL-22


BAY-CWB-16

REFLECTOR CROSS-REFERENCE

ITEM #	BT-AL-60D	BT-AL-90D	BT-PC-70D	AC16	CV16	CV22
BAY-BAND-16			X	X	X	
BAY-BAND-22						X
BAY-CCL-16			X*	X*	X*	
BAY-CCL-22						X**
BAY-CDL-16			X*	X*	X*	
BAY-CDL-22						X**
BAY-CWB-16			X*	X*	X*	
BAY-WG-AL	X	X				
BAY-WG-PC			X	X	X	

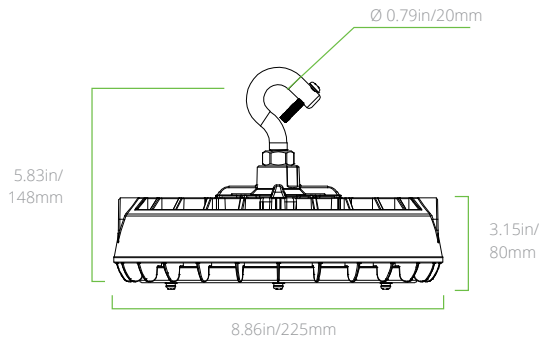
**Must also purchase BAY-BAND-16 **Must also purchase BAY-BAND-22*

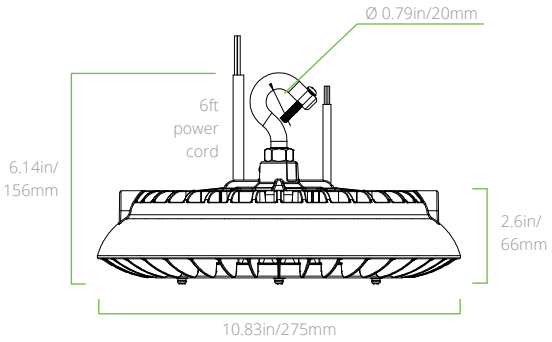
DRIVER LIFETIME/LUMEN MAINTENANCE

MODEL	AMBIENT	DRIVER	LUMEN MAINTENANCE		
		LIFE (HOURS)	L70 (HOURS)	L80 (HOURS)	L90 (HOURS)
100W	50°	24,000	>72,000	65,000	30,000
	40°	47,000	>72,000	>72,000	35,000
	25°	130,000	>72,000	>72,000	39,000
150W	50°	39,000	>72,000	60,000	28,000
	40°	78,000	>72,000	68,000	32,000
	25°	218,000	>72,000	>72,000	37,000
200W	50°	23,000	>72,000	60,000	28,000
	40°	45,000	>72,000	68,000	32,000
	25°	128,000	>72,000	>72,000	37,000

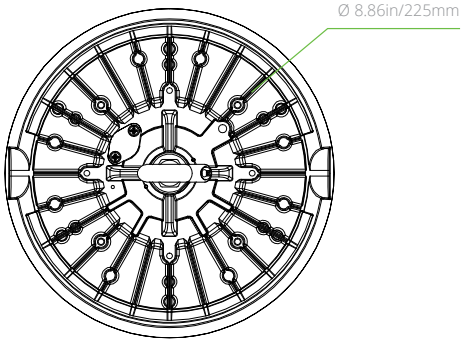
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PRODUCT DIMENSIONS

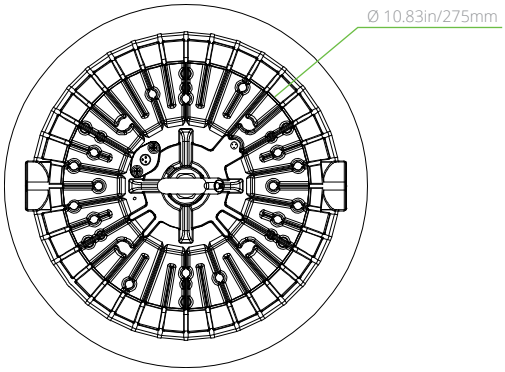




100W



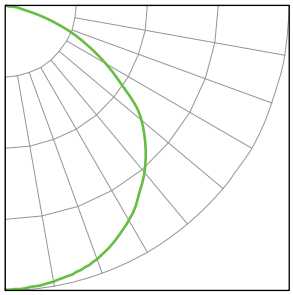
150W / 200W



PHOTOMETRICS

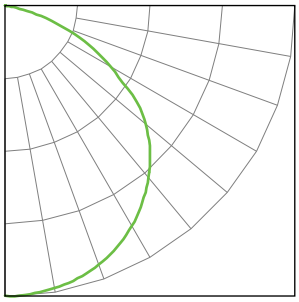
BAYC/100W/850/UD

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	1968.17	13.3%
0-30	4216.46	28.4%
0-40	6964.76	46.9%
0-60	12383.28	83.4%
0-80	14703.55	99%
0-90	14852.24	100%



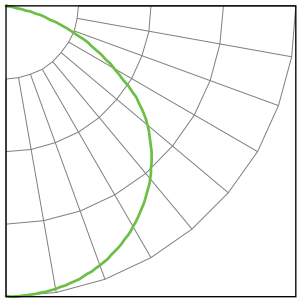
BAYC/150W/850/UD

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	6520.32	28.2%
0-40	10781.24	46.7%
0-60	19192.02	83.1%
0-80	22809.87	98.8%
0-90	23094.26	100%



BAYC/200W/850/UD

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-30	8536.81	28.2%
0-40	14112.21	46.6%
0-60	25128.11	82.9%
0-80	29921.95	98.7%
0-90	30301.63	100%



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