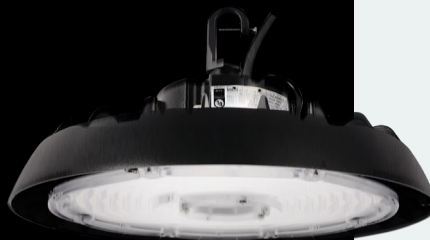


# SABER EVOLVE

## INDUSTRIAL FIXTURES

Round High Bay



eralux®



The SABER Evolve series is the latest addition by ERALUX to its strong portfolio of highbay fixtures. This series features a 135 LPW performance made possible with the die cast aluminum design. It comes standard with the ability to upgrade to integrate motion sensor in the field. The SABER Evolve series comes standard with CCT and Lumens Switchable capability; an ideal solution for warehouses, retail stores.

DATE	
PROJECT NAME	
TYPE	
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ORDERING CODE	AE-IL-SB2-CA - -110-H - - -

### OPERATING & ELECTRICAL

INPUT VOLTAGE 120-347V

POWER FACTOR 0.9

DIMMING 0-10V

TOTAL HARMONIC DISTORTION (THD) <20%

### MECHANICAL & HOUSING

HOUSING Die casting aluminum for increased rigidity and strength

LENS Highly durable clear lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare  
High transmittance lens allowing for a smooth, diffused light pattern

FINISH Black, White

POWER SUPPLY Factory wired electronic LED driver

LED BOARD SMD

### MOUNTING METHOD

MOUNTING Hook Mounted  
Pole Mounted

### PERFORMANCE

LUMENS PER WATT 150 LPW at 80CRI

POWER CONSUMPTION 100/125/150W selectable  
150/200/240W selectable  
300/240/200W selectable

BEAM ANGLE 110°

### APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE -40 °C to 45°C

PROTECTION NEMA 4X (IP66)  
WET RATED

### WARRANTY

#### SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

#### LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES)



“DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified”

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## ORDERING GUIDE

EXAMPLE: AE-IL-SB2-CA-150W-110-H






FIXTURE FAMILY	POWER	LIGHT EMITTING ANGLE	PERFORMANCE	MOUNTING	SPECIALTY	CONTROLS
<b>AE-IL-SB2-CA</b>	-	<b>-110</b>	<b>-H</b>	-	-	-
<b>AE-IL-SB2-CA</b> ERALUX Saber Evolve Series industrial fixtures round high bay	<b>-150W</b> 150/125/100 Watts; Up to 22,500 lumens	<b>-110</b> 110-degree light emitting angle	<b>-H</b> High Performance 3500K/4000K/5000K CCT Switchable	<b>[LEAVE BLANK]</b> Hook Mounted	<b>[LEAVE BLANK]</b> Standard	<b>-[LEAVE BLANK]</b> 0-10V Dimming
	<b>-240W</b> 240/200/150 Watts; Up to 36,000 lumens			<b>-PM*</b> Pole Mounted	<b>-NAT*</b> Frosted lens and stainless-steel hardware	<b>-(MS)</b> Motion Sensor
	<b>-300W</b> 300/240/200 Watts; Up to 45,000 lumens					

\* Pole not included

\* Lumens output for NAT fixtures will be 20% less than standard fixtures


## ACCESSORIES

(Ordered separately)

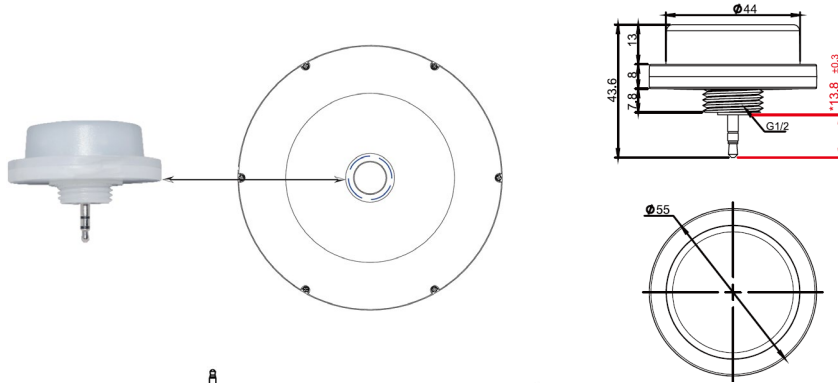
PART NUMBER	DESCRIPTION	PICTURE
AE-IL-SB2-CA-MSKIT	Microwave motion sensor	
AE-IL-SB2-CA-REMOTE-CTRL	Remote Control	
AE-IL-SB2-CA-WIREGUARD-150W	Wireguard for AE-TL-SB2-CA-150W-110-H-XX	
AE-IL-SB2-CA-WIREGUARD-240W	Wireguard for AE-TL-SB2-CA-240W-110-H-XX	
AE-IL-SB2-CA-RFL-PC-240W	Polycarbonate reflector 200-240W	
AE-IL-SB2-CA-RFL-PC-150W	Polycarbonate reflector 150W	
AE-IL-SB2-CA-RFL-PC-300W	Polycarbonate reflector 300W	
AE-IL-SB2-CA-RFL-PC-COVER-240W	Polycarbonate reflector <b>cover</b> 200-240W * Need AE-IL-SB2-RFL-PC-240	
AE-IL-SB2-CA-RFL-PC-COVER-150/300W	Polycarbonate reflector <b>cover</b> 150W & 300W • Need AE-IL-SB2-RFL-PC-150 • Need AE-IL-SB2-RFL-PC-300	

DATE	
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<b>TYPE</b>	
QTY	
ORDERING CODE	AE-IL-SB2-CA - -110-H - - -

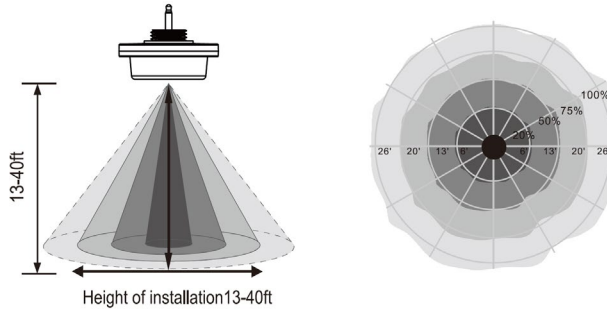
## ACCESSORIES (CONTINUED)

PART NUMBER	DESCRIPTION	PICTURE
AE-IL-SB2-CA-RFL-AL-150W	Aluminum Reflector for 150W Fixture	
AE-IL-SB2-CA-RFL-AL-240W	Aluminum Reflector for 240W Fixture	
AE-IL-SB2-CA-RFL-AL-300W	Aluminum Reflector for 300W Fixture	

## MOTION SENSOR

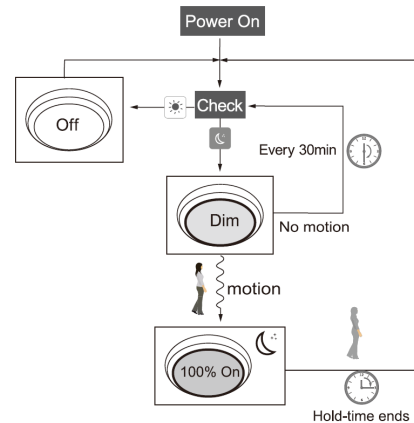


## Area Coverage



## Factory mode

Factory Default Setting	
Sensitivity	100%
Hold on time	5 min
Daylight Sensor	ON
Dimming level	30%
Dimming time	30 min



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## ACCESSORIES (Continued)

Ordered separately, field installed

### EMERGENCY LED DRIVER (BLD-UM60D/R-YYY)

BLD-UM60D/R-YYY

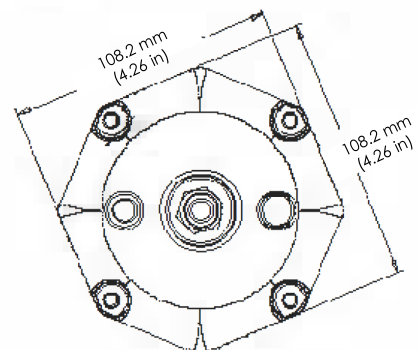
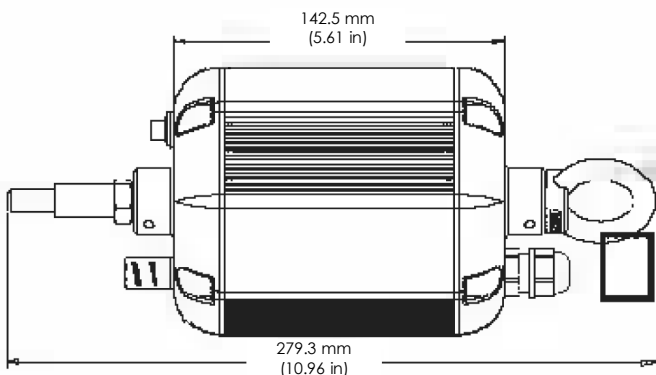
OUTPUT POWER : 60 WATTS



- Easy Wiring
- Certified For CA Title 20
- Constant Power Performance

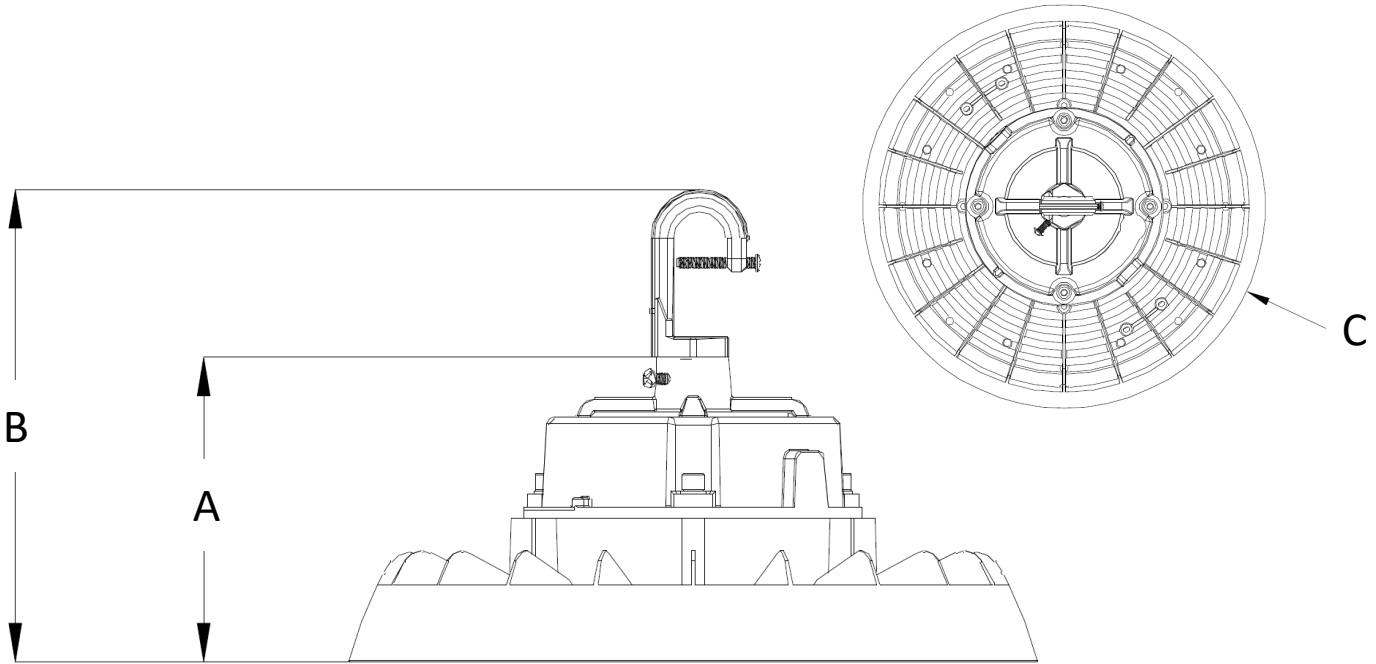
BLD-UMXXX-YYY series LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency driver switches to emergency mode and operates the fixture for to 90 minutes. The unit contains a battery, charge, and converter circuit in a single enclosure. This module will operate a LED array load at 30-60W with constant power at a rated output voltage of 170VDC. The constant power design of BLD-UMXXX-YYY maintains the output wattage to the LED array, providing consistent illumination for the entire emergency runtime. Ideal for use with most 0-10V dimmable indoor industrial LED lighting fixtures, such as LED flat panel, troffer, and suspension mounting UFOs lights, etc.

### DIMENSIONS (inches and mm)



DATE					
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## PRODUCT DIMENSIONS

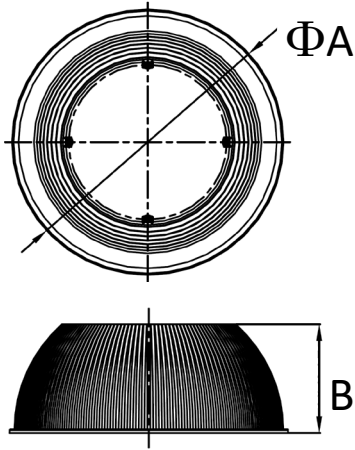


POWER	A	B	C
150W	112.6mm (4.43")	177.8mm (7.0")	264.8mm (10.43")
240W	118.1mm (4.65")	182.8mm (7.2")	325.7mm (12.82")
300W	120.9mm (4.76")	185.59mm (10.42")	350.7mm (13.8")

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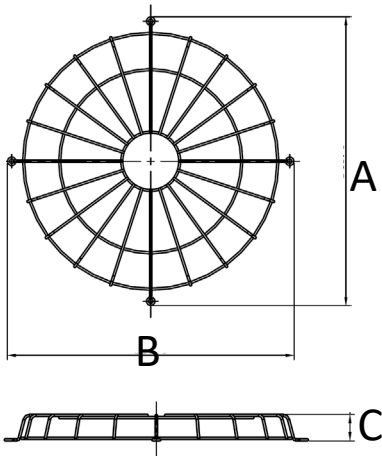
## ACCESSORIES DIMENSIONS

Polycarbonate reflector



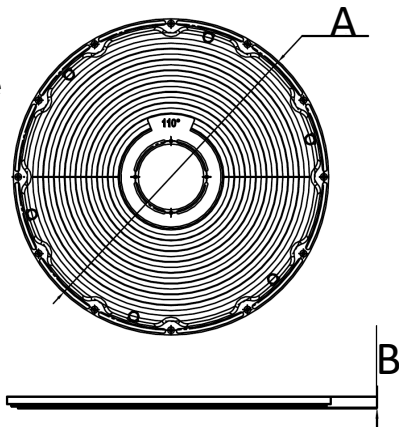
POWER	A	B
150W	413.8mm (16.28")	164.72mm (6.48")
240W	480mm (18.89")	181mm (7.12")
300W	412mm (16.22")	123mm (4.84")

Wire guard



POWER	A	B	C
150W	251.9mm (9.91")	251.9mm (9.91")	30mm (1.18")
240W	320.5mm (12.61")	320.5mm (12.61")	30mm (1.18")
300W	346.6mm (14.35")	346.6mm (14.35")	30mm (1.18")

Polycarbonate lens



POWER	A	B
150W	220mm (8.66")	7.2mm (0.28")
240W	271mm (10.66")	7.7mm (0.3")
300W	293mm (11.53")	7.7mm (0.3")

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## LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	.96	1	1.03	1.06

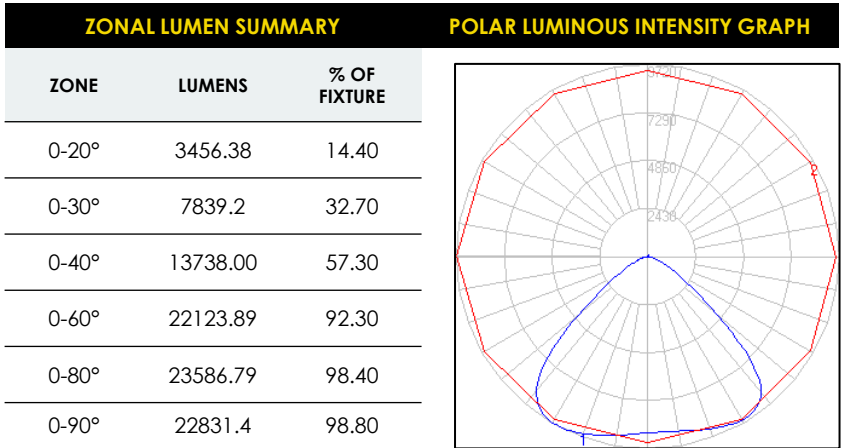
## PHOTOMETRIC DATA

AE-IL-SB2-CA-150W-110-H-XX

150 WATTS

110 DEGREE

HIGH PERFORMANCE

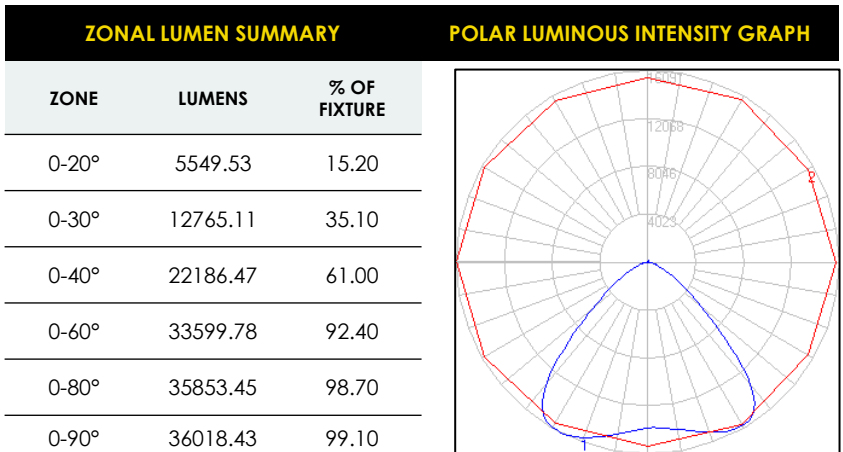


AE-IL-SB2-CA-240W-110-H-XX

240 WATTS

110 DEGREE

HIGH PERFORMANCE



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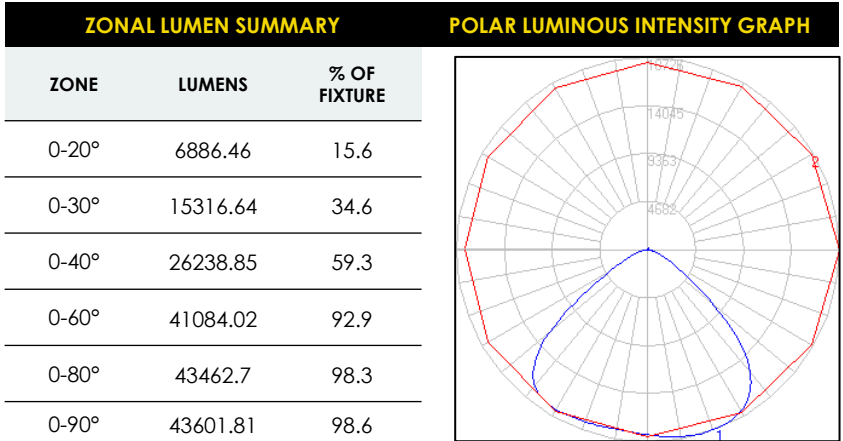
## PHOTOMETRIC DATA

AE-IL-SB2-CA-300W-110-H-XX

300 WATTS

110 DEGREE

HIGH PERFORMANCE

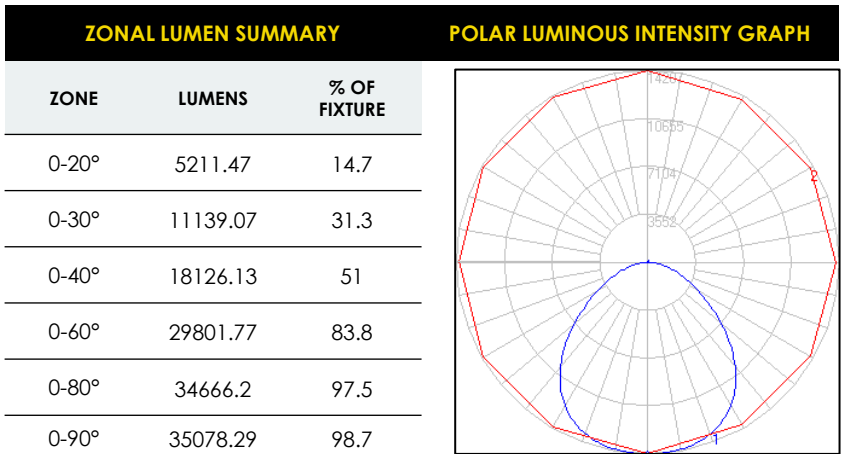


AE-IL-SB2-CA-240W-110-H-FR-LENS-XX

240 WATTS

110 DEGREE

HIGH PERFORMANCE





DATE						
PROJECT NAME						
TYPE						
QTY						
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## DLC MODELS

DLC MODEL#	PRODUCT ID
AE-IL-SB2-CA-150W-110-H-[Blank,(MS),(PIR),(BT)]	S-A238S5
AE-IL-SB2-CA-200W-110-H-[Blank,(MS),(PIR),(BT)]	S-ZDR7CM
AE-IL-SB2-CA-240W-110-H-[Blank,(MS),(PIR),(BT)]	S-DR8HAI
AE-IL-SB2-CA-300W-110-H-[Blank,(MS),(PIR),(BT)]	S-B9FYXD

## OVERVIEW

### MODERN MATERIALS

Aluminum die-cast ensures superior thermal heat dissipation providing long-lasting LED and driver function while increasing fixture housing strength

### VERSATILITY

Upgradeable for Motion sensor  
Integrated CCT and power switchability



### WIDE RANGE OF OPERATING VOLTAGE

Operational from 120V to 277V and 347V