

# SB3

## INDUSTRIAL LED LIGHT

### High Bay UFO | 150W

The SB3 series is ERALUX's newest offering in its robust range of highbay fixtures, distinguished by a sleek white finish. This series delivers an impressive performance of 145 LPW, thanks to its durable die-cast aluminum construction. It is designed with the option for field integration of a motion sensor. Additionally, the SB3 series features switchable CCT and lumens capabilities, with power options of 150/120/85 watts making it an excellent choice for warehouses and retail environments.

Application: Industrial, Manufacturing, Warehouse, High-bay applications, Pools.

eralux®

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				



### DYNAMIC MENU

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Accessories	<a href="#">Page 4</a>
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[Install Instruction link](#)

### SPECIFICATIONS

Input Voltage	120-277/347V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming	0-10V Dimming
CRI	80 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid gray; border-radius: 50%; padding: 2px 5px;">35K</div> <div style="border: 1px solid gray; border-radius: 50%; padding: 2px 5px;">40K</div> <div style="border: 1px solid gray; border-radius: 50%; padding: 2px 5px;">50K</div> </div>
Lumens Per Watt	~145 LPW
Power	85   120   150W
Ambient Temperature Range	-40 °C to 50°C
Distribution	90°
Mounting Options	Hook Pendant- 3/8" NPT conduit
Options	Natatorium
Protection	IP65 Wet Rated



### PRODUCT FEATURES



### PRODUCT CERTIFICATIONS



"Design Lights 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" [Page 8](#)

### 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 100,000 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).

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### ORDERING GUIDE

<b>AE-IL-SB3-CA</b>		<b>-90</b>	<b>-3550</b>				<b>-WH</b>
<b>AE-IL-SB3-CA</b> ERALUX SB3 High Bay UFO	<b>-150W</b> 150/120/85W 21,750/17,400/ 12,325 Lm	<b>-90</b> 90° Beam angle	<b>-3550</b> 3500K/4000K/ 5000K CCT Switchable	<b>-HK1</b> Eye Hook Mount <b>-PM<sup>1</sup></b> Pendant Mount- $\frac{3}{4}$ " NPT Conduit	<b>[BLANK]</b> 0-10V Dimming <b>-MS</b> Motion Sensor	<b>[BLANK]</b> Standard <b>-NAT<sup>2</sup></b> Natorium Frosted lens and stainless- steel hardware	<b>-WH</b> White Finish

<b>Fixture Family</b>	<b>Power</b>	<b>Distribution</b>	<b>CCT</b>	<b>Mounting</b>	<b>Speciality</b>	<b>Control</b>	<b>Finish</b>
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### ORDERING GUIDE - ACCESSORIES

<b>AE-IL-SB3</b> ERALUX SB3 High Bay UFO	<b>-CA-WIREGUARD</b> Wire guard <b>-CA-RFL-PC</b> Polycarbonate reflector	<b>-150W</b> For 150W	<b>AE-IL-SB3</b> ERALUX SB3 High Bay UFO	<b>-CA-RFLCVR<sup>3</sup></b> Polycarbonate reflector cover	<b>-150W</b> For 150W	

<b>Accessory Family</b>	<b>Accessory</b>	<b>Size</b>	<b>Accessory Family</b>	<b>Accessory</b>	<b>Size</b>
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<b>[BLANK]</b> No EMBB <b>BLD-UM60D-YYY<sup>4</sup></b> 60W Emergency Battery Backup	<b>[BLANK]</b> No Chain <b>AE-IL-SB2-CA-METAL CHAIN</b> 3.2ft Metal chain	<b>[BLANK]</b> Regular Eye Hook <b>SB3-CA-HOOK</b>			

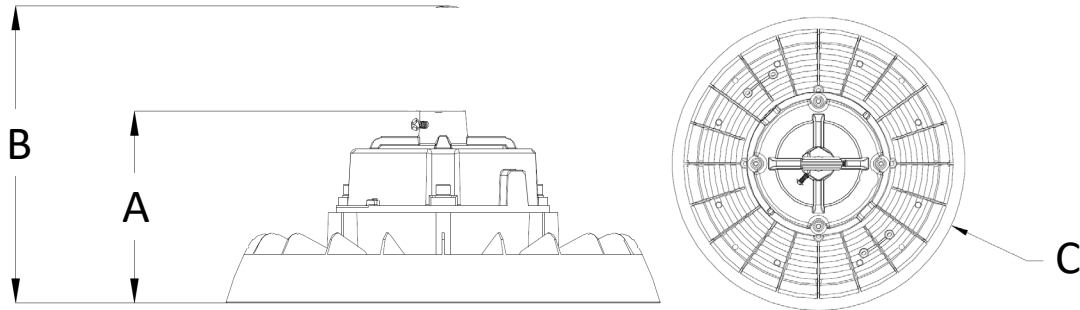
<b>EMBB</b>	<b>CHAIN</b>	<b>HOOK</b>
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1. Only adaptor provided by Eralux
  2. Lumen output for NAT fixtures will be 20% less than standard fixtures
  3. Polycarbonate reflector usually ordered with the polycarbonate reflector
  4. The EMBB does not come with remote, the remote is ordered separately if required
- The fixture comes with 6FT power cord

## INDUSTRIAL LED LIGHT High Bay UFO | 150W

### DIMENSIONS

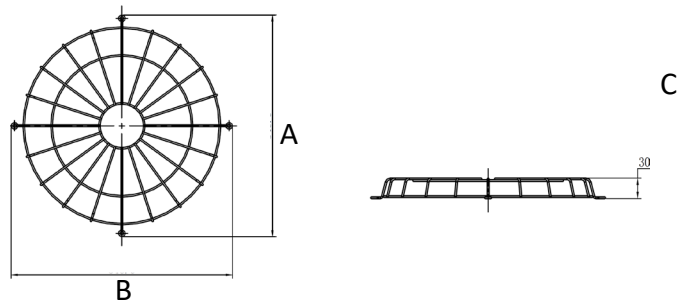
#### FIXTURE



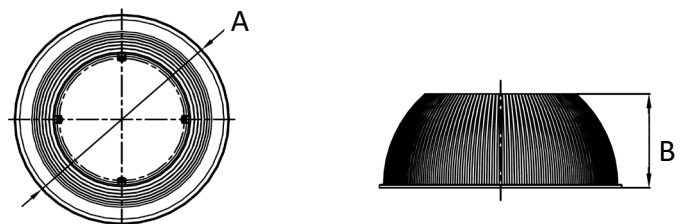
POWER		150W
A		4.1"
B		5.9"
C		10.2"

#### ACCESSORIES





WIREGUARD		150W
A		9.72"
B		9.72"
C		1.08"






POLYCARBONATE REFLECTOR		150W
A		16.22"
B		8.5"
C		10.66"



## MOUNTING

	DESCRIPTION	PICTURE
<b>EYE HOOK MOUNT</b>	Standard mounting option	
<b>HOOK MOUNT</b>	Hook is ordered separately	
<b>PENDANT</b>	Hook can be replaced by 3/4" NPT conduit mounting.	
<b>METAL CHAIN</b>	Facilitates the installation of the fixture	

## ACCESSORIES

CODE	DESCRIPTION	PICTURE
<b>AE-IL-SB3-CA-WIREGUARD-150W</b>	Wire guards help shield the light from accidental impacts.	
<b>AE-IL-SB3-RFL-PC-150W</b>	Polycarbonate reflectors help in directing and distributing light more evenly across a space.	
<b>AE-IL-SB3-RFLCVR-150W</b>	These covers can help diffuse light evenly, reducing glare and creating a more comfortable lighting environment.	



SB3			
DLC MODEL	PRODUCT ID	Primary Use	Classification
AE-IL-SB3-CA-150W-90-3550-HK1-WH(-MS,-EM,Blank,Both)	S-GTZ5RS	High-Bay Luminaires for Commercial and Industrial Buildings	Premium

## CONTROLS

### EMERGENCY LED DRIVER

Ordered separately, field installed

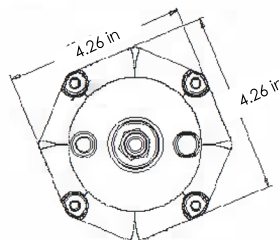
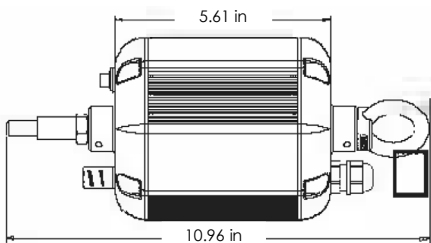
BLD-UM60D-YYY (remote is optional) / BLD-REMOTECONTROL

To test the EMBB; press the button that is located on the EMBB or order the remote separately to test it remotely



The BLD-UMXXX-YYY series LED Emergency Driver is UL listed for field and factory installation, allowing a single LED fixture to operate in both normal and emergency modes. In case of power failure, it powers the fixture for up to 90 minutes, integrating a battery, charger, and converter in one unit. Supporting LED loads of 30-60W at 170VDC, its constant power design ensures consistent illumination during emergencies, making it ideal for 0-10V dimmable indoor industrial LED fixtures, such as flat panels, troffers, and UFO lights.

SPECIFICATIONS	
<b>Input Voltage</b>	100-347 Vac
<b>Power Frequency</b>	50/60HZ
<b>Input Power</b>	15W MAX
<b>Output Voltage</b>	170V Dc
<b>Output Power</b>	60W
<b>Ambient Temperature</b>	5°C to 50°C
	41°F to 122°F
<b>Installation</b>	Remote



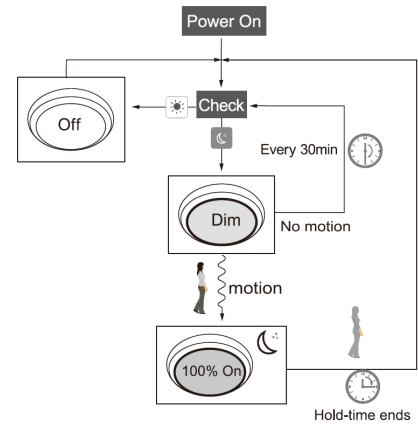
## CONTROLS

### MOTION SENSOR

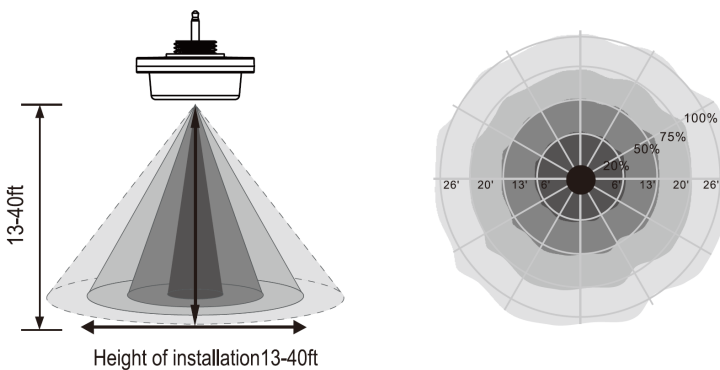
CODE	DESCRIPTION	PICTURE
AE-IL-SB2-CA-MSKIT	Plug in low-voltage microwave motion sensor	
AE-IL-SB2-CA-REMOTE-CTRL	Remote control for the motion sensor	

## FACTORY MODE

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



## Area Coverage



## INDUSTRIAL LED LIGHT High Bay UFO | 150W

### 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
PREMIUM (80CRI)	0.96	1	1.03	1.06

### PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-IL-SB3-CA-150W-90-3550		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	150W	0-20°	4143.77	19.8		3.3ft	1022 fc	5.7 ft	5.7 ft
CCT	3500K	0-30°	8937.29	42.7		6.7ft	248 fc	11.6 ft	11.6 ft
Distribution	90°	0-40°	14154.27	67.7		10.0ft	111 fc	17.4 ft	17.3 ft
		0-60°	19285.3	92.2		13.3ft	62.9 fc	23.1 ft	23.0 ft
		0-80°	20778.83	99.4		16.7ft	39.9 fc	29.0 ft	28.9 ft
		0-90°	20875	99.8	20.0ft	27.8 fc	34.7 ft	34.6 ft	
						<span style="color: blue;">■</span> Vert. Spread: 81.9° <span style="color: red;">■</span> Horiz. Spread: 81.7°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-IL-SB3-CA-150W-90-3550		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	150W	0-20°	4420.25	19.9		2.5ft	1906 fc	4.3 ft	4.3 ft
CCT	4000K	0-30°	9515.12	42.8		5.0ft	476 fc	8.7 ft	8.6 ft
Distribution	90°	0-40°	15072.13	67.8		7.5ft	212 fc	13.0 ft	12.8 ft
		0-60°	20522.45	92.3		10.0ft	119 fc	17.4 ft	17.1 ft
		0-80°	22083.69	99.3		12.5ft	76.2 fc	21.7 ft	21.4 ft
		0-90°	22185.38	99.8	15.0ft	52.9 fc	26.1 ft	25.7 ft	
						<span style="color: blue;">■</span> Vert. Spread: 81.9° <span style="color: red;">■</span> Horiz. Spread: 81.1°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-IL-SB3-CA-150W-90-3550		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	150W	0-20°	4264.13	19.6		2.5ft	1827 fc	4.4 ft	4.3 ft
CCT	5000K	0-30°	9225.97	42.3		5.0ft	457 fc	8.8 ft	8.6 ft
Distribution	90°	0-40°	14684.97	67.4		7.5ft	203 fc	13.2 ft	13.0 ft
		0-60°	20088.84	92.2		10.0ft	114 fc	17.7 ft	17.3 ft
		0-80°	21655.13	99.4		12.5ft	73.1 fc	22.1 ft	21.6 ft
		0-90°	21756.35	99.8	15.0ft	50.8 fc	26.5 ft	25.9 ft	
						<span style="color: blue;">■</span> Vert. Spread: 82.9° <span style="color: red;">■</span> Horiz. Spread: 81.6°			

## OVERVIEW

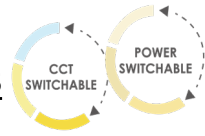


### Innovative Design

- Aluminum die-cast and heat sink to ensure superior thermal heat dissipation
- Polycarbonate lens protection for NEMA 4X ratings.



### Multiple Options



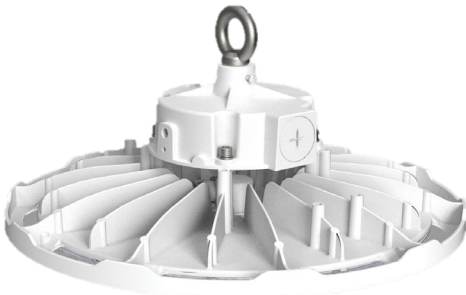
- Power switchable.
- 3 CCT selectable; 35/40/50K

SIZE	POWER	LUMENS
150W	150/120/85W	21,750/17,400/12,325 Lm



### FEATURE

- Natatorium option:  
With the frosted lens and stainless-steel hardware, the SB3 can be placed above pools



### Mountings Available

- Eye Hook Mount.
- Pendant using 3/4" adaptor.



### ACCESSORIES

- Wire guard.
- Polycarbonate reflector and cover.
- EMBB.
- Motion Sensor



Emergency Backup Battery



Motion Sensor



### Tests And Certifications

