aleo™
LED LIGHTING

Project	
Notes	
Type	Date
Cat. No.	

UXB™ UX Series
Circular LED High Bay

DESCRIPTION

The Aleo UXB™ Series, Circular High Bay, combines efficiency, robust construction, and utility to deliver a competitive and high-performance high bay solution for single-point mounting applications. The wet location / IP-rated luminaire provides a versatile solution for high mounting facilities. Delivering high output, quality light and low energy consumption, the UXB improves warehouse safety and productivity, lowers maintenance cost, and reduces operating costs

APPLICATIONS

Provides high output illumination for various commercial industrial applications with high ceilings: warehouse, manufacturing, gymnasiums, cold-storage.

Badges: ADJUSTABLE WATTAGE · CCT FIELD ADJUSTABLE · WET LOCATION RATED · 7 YEAR LIMITED WARRANTY · UL LISTED · DLC LISTED PREMIUM

UXB UX Series

150
100W/125W/150W
240
150W/200W/240W

Rated Life 100,000 hours
Limited Warranty 7-years
Efficacy Up to 150 LPW
Continuous Dimming

CONTINUOUS DIMMING
0-10V Continuous

Specification Features

Construction
Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Integrated, enclosed water-proof driver protects against environmental elements. IP65, Wet Location Rated. White Finish.

Optical System
Polycarbonate (PC) lens provides protection and high efficiency transmission of light.

Certification
UL Listed. Wet location rated. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium. NSF/ANSI 2.

Warranty
7-year Limited Warranty. See warranty documentation for more information.

Sensor Ready
Center sensor receptacle for field installable plug and play occupancy sensor with daylight. 3.5mm audio jack sensor receptacle.

Electrical
Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) and High Voltage (277-480V) for convenient installation. Comes equipped standard with 6' white SO cord.

Installation / Mounting
Single-point hook mount (hook with screw included).

Controls / Dimming
Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.

Field-Adjustable CCT / Wattage
Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch inside the housing.

Quick Ship

UXB-UX-150/CT G5 ECO (SR/RC)
UXB-UX-150/CT-HV G5 ECO (SR/RC)
UXB-UX-240/CT G5 ECO (SR/RC)
UXB-UX-240/CT-HV G5 ECO (SR/RC)

Ordering Information

Example: UXB-UX-240/CT-HV G5 ECO (SR/RC)

UXB	UX	240	CT	HV	[Blank]	(SR/RC)
Series	**Lumen Package**	**Nominal Max Wattage**	**Color Temp**	**Input Voltage**	**Dimming**	**Controls**
UXB Circular High Bay	**UX** Field Adjustable Wattage	**150** 100W/125W/150W **240** 150W/200W/240W	**CT** Adjustable CCT 3500K/4000K/5000K	**Blank** 120V-277V **HV** 277V-480V	**Blank** 1-10V Continuous Dimming	**(SR/RC)** Sensor Ready w/ (PP1) Sensor Receptacle

Options
Designation
BAA Buy American Act Compliant   **BABAA** Build America, Buy America Act Compliant

Performance Summary

Input Voltage	120V-277V, 277V-480V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 145 LPW (typ.)
CRI	80+
Available CCT	3500K/4000K/5000K
Nominal Beam Angle	110° Deg. (w/o Reflector)
Rated Life	100,000 hours
L70[3]	100,000 hours
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous
Operating Temp.	-40°C to 50°C
IP Rating	IP65

Product **Dimensions**

MOQ Carton Qty: 2

UXB UX
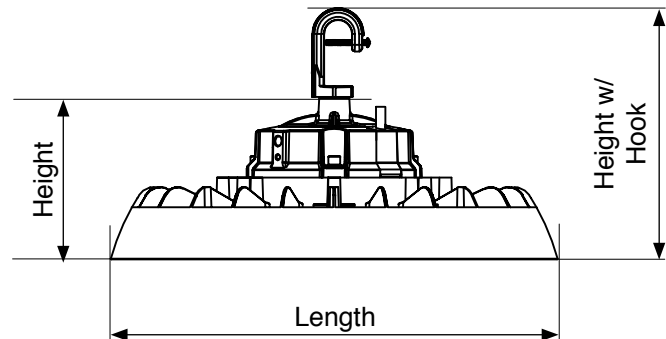
Item No.	Height w/ Hook	Height	Length
UXB-UX-150/CT	7.1" (181.5mm)	4.6" (116.8mm)	10.4" (264.8mm)
UXB-UX-240/CT	7.3" (186.0mm)	4.8" (121.3mm)	12.8" (325.7mm)

Performance Data

Catalog No.	Rated Wattage (W)	Tested Wattage (W)	3500K		4000K		5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
UXB-UX-150/CT G5 ECO (SR/RC)	100	101.6	15,057	148.2	15,972	157.2	15,352	151.1
	125	127.0	18,631	146.7	19,761	155.6	18,999	149.6
	150	152.4	22,128	145.2	23,485	154.1	22,570	148.1
UXB-UX-150/CT-HV G5 ECO (SR/RC)	100	95.9	14,606	152.3	14,769	154.0	14,682	153.1
	125	119.8	18,066	150.8	18,270	152.5	18,162	151.6
	150	143.8	21,469	149.3	21,714	151.0	21,584	150.1
UXB-UX-240/CT G5 ECO (SR/RC)	150	146.7	21,506	146.6	22,900	156.1	22,078	150.5
	200	195.6	28,382	145.1	30,240	154.6	29,144	149.0
	240	234.7	33,726	143.7	35,933	153.1	34,618	147.5
UXB-UX-240/CT-HV G5 ECO (SR/RC)	150	144.4	22,035	152.6	22,498	155.8	22,368	154.9
	200	192.5	29,087	151.1	29,703	154.3	29,530	153.4
	240	231.0	34,558	149.6	35,297	152.8	35,089	151.9

NOTES:

[1]   Typical color consistency. May vary or be changed.

[2]   L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire.
        Stated values are for select catalog numbers. Contact manufacturer for detailed information

**Specifications and Dimensions subject to change without notice.**

DLC QPL Data

Item No.	Product ID	Technical Req.	Classification	Primary Use
UXB-UX-150/CT G5 ECO (SR/RC)	S-SAWEHB	5.1	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
UXB-UX-240/CT G5 ECO (SR/RC)	S-K48ZJA	5.1	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
UXB-UX-150/CT-HV G5 ECO (SR/RC)	S-EN7B2Y	5.1	Premium	High-Bay Luminaires for Commercial and Industrial Buildings
UXB-UX-240/CT-HV G5 ECO (SR/RC)	S-HIX4QF	5.1	Premium	High-Bay Luminaires for Commercial and Industrial Buildings

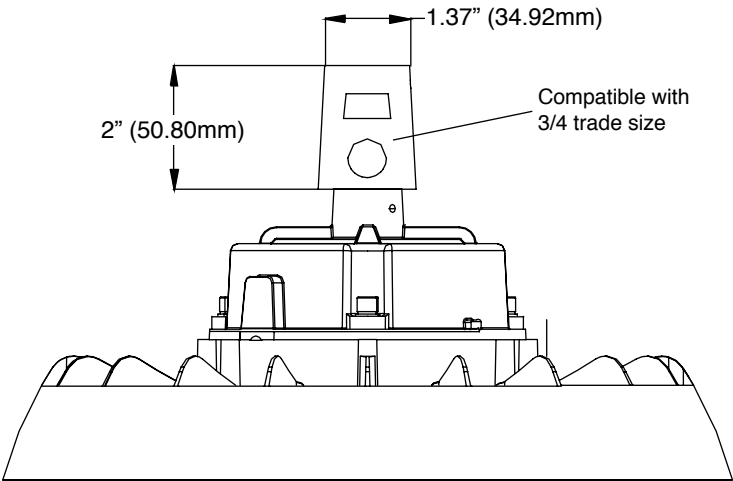### Emergency Battery Backup[1]

Item No.: **BLD-RM40R-YY**

For Field Install UFO EM LED Driver, 40W max., 120V-277V input, min. 90 min, Football style

5.6"
(142.3mm)

10.77"
(273.6mm)
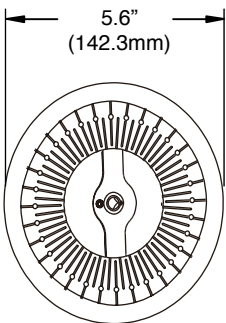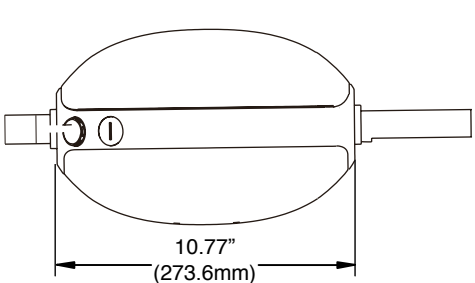
Junction Box Accessory

Item No.: **UXB-ADP-3/4NPT G5** (Order Separately / Ships Separately from Fixture)

3/4" NPT adapter for UXB G5 High Bay, White Finish

1.37" (34.92mm)

2" (50.80mm)

Compatible with 3/4 trade size

[1]   IMPORTANT: THE BATTERY MUST BE RECHARGED EVERY THREE (3) MONTHS. IF NOT RECHARGED ACCORDINGLY, BATTERY MAY FAIL AND VOID WARRANTY

Specifications and Dimensions subject to change without notice.

Accessory Options

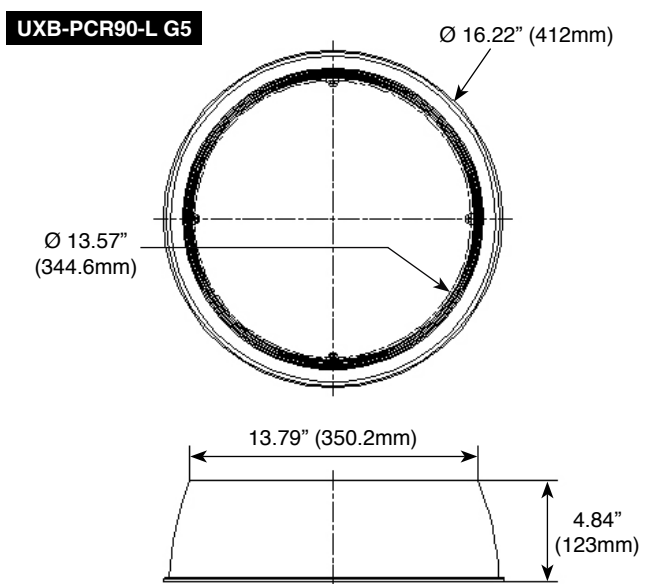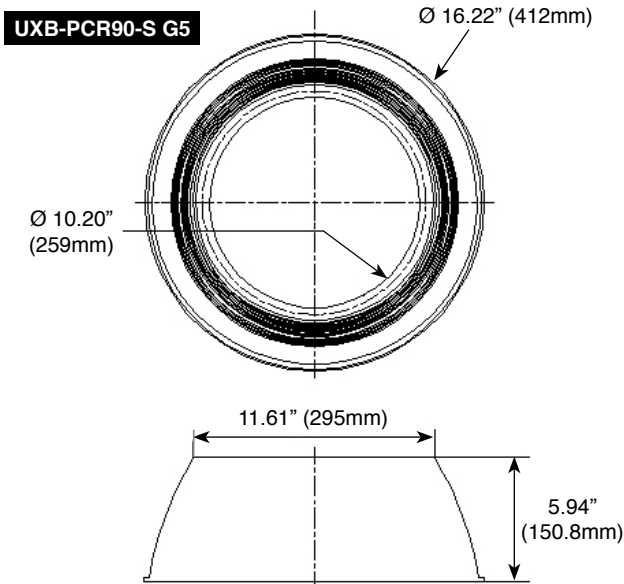**Plug and Play Sensor Order Codes:** (Order Separately / Ships Separately from Fixture)

Sensor Model #	Description	Remote Control
SPIR-OSDL/BT-PP1-DC-300	AleoBlue, Wireless Bluetooth PIR Occ Sensor w/ Daylight Harvesting, 12V DC input, Plug and Play 3.5mm port, 40ft high bay lens	AleoBlue App
SPIR-OSDL/BTEZ-PP1-DC-100	SimplBlue, PIR Occ Sensor w/ Daylight Harvesting, Plug and Play 3.5mm port, comes w/ HBL1 lens	SimplBlue App
SPIR-OSDL/IR-PP1-DC-130	Multi-level Passive Infrared Occ Sensor w/ Photocell Function, Plug and Play 3.5mm port, IR remote setting, comes w/ HBL1 lens	SRC-A01
SHF-OSDL/IR-PP1-LV-10V-A01	Multi-level High Frequency Occ Sensor w/ Photocell Function, Plug and Play 3.5mm port, IR remote setting	SRC-A01

Dome Reflector Accessories Order Codes: (Order Separately / Ships Separately from Fixture)

Sensor Model #	Description
UXB-PCR90-S G5	Frosted PC Reflector, 90 Deg. for UXB-UX-150/CT G5 ECO (SR/RC), UXB-UX-150/CT-HV G5 ECO (SR/RC)
UXB-PCR90-L G5	Frosted PC Reflector, 90 Deg. for UXB-UX-240/CT G5 ECO (SR/RC) and UXB-UX-240/CT-HV G5 ECO (SR/RC)

UXB-PCR90-S G5

Ø 16.22" (412mm)

Ø 10.20" (259mm)

11.61" (295mm)

5.94" (150.8mm)

UXB-PCR90-L G5

Ø 16.22" (412mm)

Ø 13.57" (344.6mm)

13.79" (350.2mm)

4.84" (123mm)

Specifications and Dimensions subject to change without notice.

Accessory Options (Cont'd)

Cord Accessories: (Order with Model No. / Factory Installed)

Cord Model #	Description
PLG-1	15 Amp, 125 Volt, NEMA 5-15P, 2-pole, 3-wire Plug, Rubber
PLG-2	15 Amp, 125 Volt, NEMA L5-15P, 2-pole, 3-wire Plug, Locking Plug
PLG-4	15 Amp, 277 Volt, NEMA L7-15P, 2-pole, 3-wire Plug, Locking Plug
PLG-5	20 Amp, 480 Volt, NEMA L8-20P, 2-pole, 3-wire Plug, Locking Plug
PLG-6	15 AMP, 250 Volt, NEMA L6-15P, 2-pole, 3-wire Plug, Locking (L6150-400-00)

BAA and BABAA Compliant

BAA - Buy America Act Compliant
Complies and Qualifies for projects requiring Buy America Act (BAA) compliant product

BABAA - Build America, Buy America Compliant
Complies and Qualifies for projects requiring Build America, Buy America Act (BABAA) compliant product

*Note: BAA and BABAA product will require lead times approximately ranging from 12-18 weeks. Contact your Aleo representative for more information

Aleo Lighting, Inc.
www.aleolighting.com
10988 Bloomfield Ave.
Santa Fe Springs, CA 90670
Ph: 877-358-8825

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