



CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____

ARC Series

LED IP65 Round High Bay

The **Albeo® ARC LED Series Round High Bay** is an NSF IP65 Wet Rated luminaire is an exceptional mixture of value and performance. Ideal for high bay applications in industrial and commercial buildings. Designed to replace 175W–650W HID and four-to eight-lamp T5/T8 fixtures with unmatched reliability and quality.

ProLine®

CONSTRUCTION

Housing:	Die-cast Aluminum
Lens:	Polycarbonate
Paint:	Powder coat painted housing. No glass in housing or lenses
Weight:	6.5–9.5lb (2.95–4.30kg)
Optical Assembly:	85° clear optic, Optional polycarbonate refractor, drop lens, or aluminum reflector

OPTICAL SYSTEM

Lumens:	13,000–33,600
Wattage:	95–240W
Efficacy:	Up to 140 LPW
CCT:	4000K, 5000K
CRI:	80
Glare Rating:	UGR<28

ELECTRICAL

Input Voltage:	120–277V and 277–480V
Input Frequency:	50/60Hz
Power Factor (PF)*:	>0.9*
Total Harmonic Distortion (THD)*:	<20%*
EMI:	FCC CFR Title 47 Part 15, Class A
Surge Protection:	4kV/2kA driver surge protection couple

* PF and THD may vary with options

CONTROLS

Dimming:	Standard 0–10VDC, 10%
Sensors:	Field-installable 12–24V, >50mA tri-level occupancy and/or ambient light sensor. Max 40ft mounting height. All units come sensor-ready, equipped for easy field-install of sensor

LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	–40°C to +40°C (–40°F to 104°F)
STORAGE TEMPERATURE	–40°C to +70°C

LUMEN MAINTENANCE

LXX (10K) @ HOURS 50,000 HR
L70

MOUNTING

- **Typical Mounting:** ½" NPT hook included. Wall Mount bracket and safety tether may be ordered separately
- **Cord & Plugs:** 6ft cord included (pre-installed)

DESIGN LIFE & WARRANTY

- **Current's Limited 5-year Warranty:** See website.

ADDITIONAL NOTES

- UL 1598 Suitable for Wet Locations (IP65)
- Emergency battery back-up kit accessory available w(120-277V only)



Ordering Information:

ARC

8L

QV

ST

A

Q

B

PRODUCT ID	VOLTAGE	LUMEN OUTPUT	CCT/CRI	OPTICS/ LENS	CONTROLS	MOUNTING	CORD	PLUG	FINISH	OPTIONS
ARC = Albeo® Round IP65 High Bay	0 ¹ = 120–277V E = 277–480V	14 = 14,000lm 21 = 21,000lm 28 = 28,000lm 33 = 33,000lm 277–480V 13 = 13,000lm 18 = 18,000lm 25 = 25,000lm 30 = 30,000lm	48 = 4000k, 80 CRI 58 = 5000k, 80 CRI	8L = 85° lens	QV ² = 0–10V dimming, controls ready — see accessories for field installable sensor and remote	ST ³ = ½" NPT hook provided	A = 6ft cord, SJWT, 3-cond	Q = None	B = Black	(Blank) = No special options

ORDERING NOTES:

1. 277–480V option available by Dec 2021
2. Sensor cannot be used simultaneously with Battery Backup Unit. Field-installed sensor up to 40ft height
3. See accessories table for additional mounting options
4. All units come sensor-ready, equipped for easy field-install of sensor.


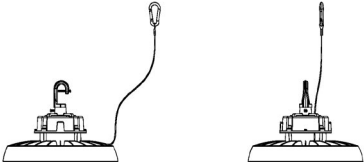





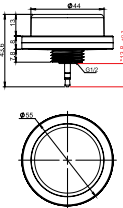
80 CRI @ 4000K OR 5000K CCT				
LUMEN PACKAGE	TYPICAL DELIVERED LUMENS	TYPICAL POWER 120–277V	TYPICAL LPW 120–277V	MAX AMBIENT TEMP (°C)
14	14,000	100W	135	40°C
21	21,000	150W	135	40°C
28	28,000	200W	135	40°C
33	33,600	240W	135	40°C

80 CRI @ 4000K OR 5000K CCT				
LUMEN PACKAGE	TYPICAL DELIVERED LUMENS	TYPICAL POWER 277–480V	TYPICAL LPW 277–480V	MAX AMBIENT TEMP (°C)
13	13,000	104W	125	40°C
18	18,000	144W	125	40°C
25	25,000	200W	125	40°C
30	30,000	240W	125	40°C

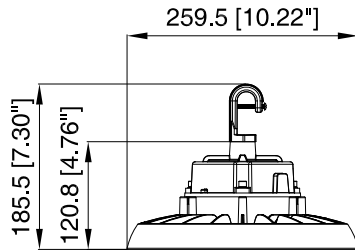
CRI	CCT	OUTPUT MULTIPLIER
80CRI	5000K	100%
	4000K	100%

OPTICAL LENS ACCESSORY	OPTIC DESCRIPTION	OUTPUT MULTIPLIER
Refractor	Polycarbonate Refractor/Lens	98%, 93% w/Lens
Reflector	Aluminium Reflector	90%

FIELD-INSTALLABLE MOUNTING AND ACCESSORY OPTIONS

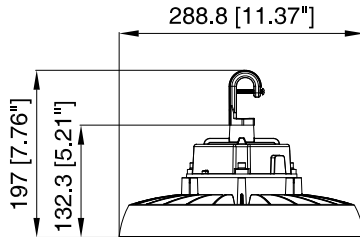
MOUNTING/ACCESSORY OPTIONS	IMAGE	ORDER SKU#	DIMENSIONS/NOTES
ARC Emergency Battery Back-Up Kit (120-277V)		120-277V - 93142311	Unit installed atop ARC fixture
Safety Tether (optional)		100W - 93142318 150W - 93142319 200-240W - 93142320	Cable length: 0.53m (21 in.)
Wire Guard (optional)		100W - 93142300 150W - 93142301 200-240W - 93142302	100W: H 3cm (1.2 in.); Dia 26cm (10.2 in.) 150W: H 3cm (1.2 in.); Dia 28.9 cm (11.4 in.) 200-240W: H 3cm (1.2 in.); Dia 33.3cm (13.1 in.)
Polycarbonate Refractor (optional)		100W - 93142303 150W - 93142304 200-240W - 93142305	100W: H 16.4cm (6.5 in.); Dia 41cm (16 in.) 150W: H 14.9cm (5.9 in.); Dia 41cm (16 in.) 200-240W: H 18.1cm (7.1 in.); Dia 48cm (18.9 in.)
Polycarbonate Drop Lens (optional)		100-150W - 93142306 200-240W - 93142307	Drop lens adds: 100W: H 3.6cm (1.4 in.) 150W: H 3.6cm (1.4 in.) 200-240W: H 4.1cm (1.6 in.)
Aluminum Reflector (optional)		100W - 93142308 150W - 93142309 200-240W - 93142310	100W: H 13.7cm (5.4 in.); Dia 35cm (14 in.) 150W: H 15.3cm (6 in.); Dia 36.5cm (14.4 in.) 200-240W: H 17.3cm (6.8 in.); Dia 41.4cm (16.3 in.)
Wall Mount Bracket (optional)		100W - 93142313 150W - 93142314 200-240W - 93142315	Total Height of assembly from top of bracket to bottom of fixture: 100W: 20.7cm (8.2 in.) 150W: 23.5cm (9.3 in.) 200-240W: 22.8cm (9 in.)
12V Tri-level occupancy and/or light sensor (optional)		Sensor - 93142316 Remote - 93142317	Notes: 1. Easy plug-and-play install to center face of fixture; maintains IP65 rating 2. Sensor requires remote if programming is desired

100W - 14,000 LUMENS - 2.95 KG (6.5LBS)



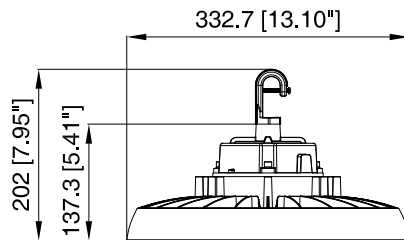
100W

150W - 21,000 LUMENS - 3.35 KG (7.4LBS)



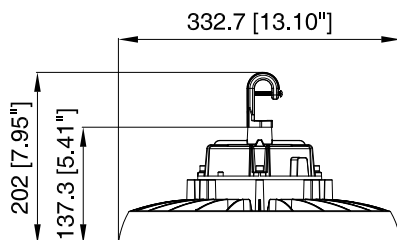
150W

200W - 28,000 LUMENS - 4.20 KG (9.3LBS)



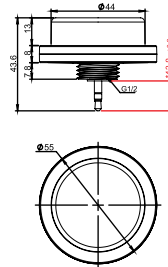
200W

240W - 33,000 LUMENS - 4.30 KG (9.5LBS)



240W

FIELD-INSTALLABLE SENSOR (MM)*

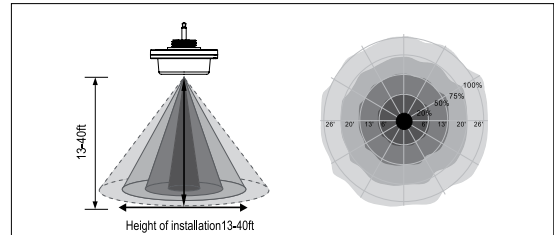


Sensor shown installed

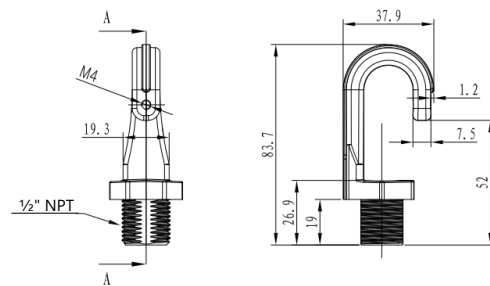


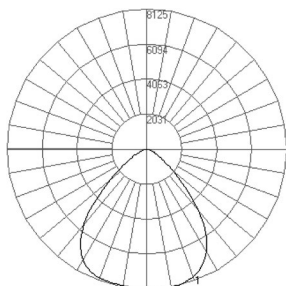
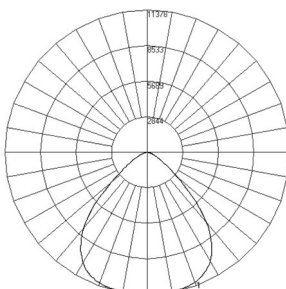
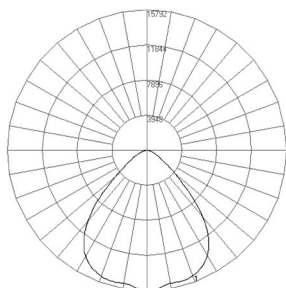
*See Page 1 for details.

SENSOR COVERAGE



HOOK (1/2" NPT), INCLUDED (MM)



PHOTOMETRIC DATA
100W
14000 Lumens

150W
21000 Lumens

200W
28000 Lumens

240W
33000 Lumens
