



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

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

### OPTICAL SYSTEM

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

### ELECTRICAL

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

\* PF and THD may vary with options

### CONTROLS

<b>Dimming:</b>	Standard 0–10VDC, 10%
<b>Sensors:</b>	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:** 1/2" 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)



### CUSTOMER NAME

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### Ordering Information:

**ARC**

**8L**

**QV**

**ST**

**A**

**Q**

**B**

PRODUCT ID	VOLTAGE	LUMEN OUTPUT	CCT/CRI	OPTICS/ LENS	CONTROLS	MOUNTING	CORD	PLUG	FINISH	OPTIONS
<b>ARC</b> = Albeo® Round IP65 High Bay	<b>0</b> <sup>1</sup> = 120–277V <b>E</b> = 277–480V	<b>14</b> = 14,000lm <b>21</b> = 21,000lm <b>28</b> = 28,000lm <b>33</b> = 33,000lm  <b>277–480V</b> <b>13</b> = 13,000lm <b>18</b> = 18,000lm <b>25</b> = 25,000lm <b>30</b> = 30,000lm	<b>48</b> = 4000k, 80 CRI <b>58</b> = 5000k, 80 CRI	<b>8L</b> = 85° lens	<b>QV</b> <sup>2</sup> = 0–10V dimming, controls ready — see accessories for field installable sensor and remote	<b>ST</b> <sup>3</sup> = ½" NPT hook provided	<b>A</b> = 6ft cord, SJWT, 3-cond	<b>Q</b> = None	<b>B</b> = Black	<b>(Blank)</b> = 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)
<b>14</b>	14,000	100W	135	40°C
<b>21</b>	21,000	150W	135	40°C
<b>28</b>	28,000	200W	135	40°C
<b>33</b>	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)
<b>13</b>	13,000	104W	125	40°C
<b>18</b>	18,000	144W	125	40°C
<b>25</b>	25,000	200W	125	40°C
<b>30</b>	30,000	240W	125	40°C

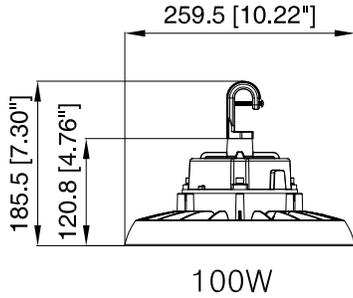
CRI	CCT	OUTPUT MULTIPLIER
<b>80CRI</b>	5000K	100%
	4000K	100%

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

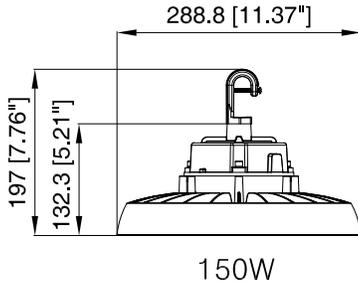
### FIELD-INSTALLABLE MOUNTING AND ACCESSORY OPTIONS

MOUNTING/ACCESSORY OPTIONS	IMAGE	ORDER SKU#	DIMENSIONS/NOTES
<b>ARC Emergency Battery Back-Up Kit (120-277V)</b>		120-277V - 93142311	Unit installed atop ARC fixture
<b>Safety Tether (optional)</b>		100W - 93142318 150W - 93142319 200-240W - 93142320	<b>Cable length:</b> 0.53m (21 in.)
<b>Wire Guard (optional)</b>		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.)
<b>Polycarbonate Refractor (optional)</b>		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.)
<b>Polycarbonate Drop Lens (optional)</b>		100-150W - 93142306 200-240W - 93142307	<b>Drop lens adds:</b> 100W: H 3.6cm (1.4 in.) 150W: H 3.6cm (1.4 in.) 200-240W: H 4.1cm (1.6 in.)
<b>Aluminum Reflector (optional)</b>		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.)
<b>Wall Mount Bracket (optional)</b>		100W - 93142313 150W - 93142314 200-240W - 93142315	<b>Total Height of assembly from top of bracket to bottom of fixture:</b> 100W: 20.7cm (8.2 in.) 150W: 23.5cm (9.3 in.) 200-240W: 22.8cm (9 in.)
<b>12V Tri-level occupancy and/or light sensor (optional)</b>		Sensor - 93142316 Remote - 93142317	<b>Notes:</b> 1. Easy plug-and-play install to center face of fixture; maintains IP65 rating 2. Sensor requires remote if programming is desired

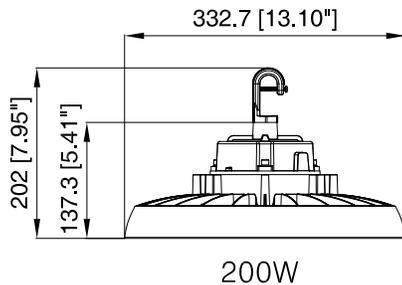
### 100W - 14,000 LUMENS - 2.95 KG (6.5LBS)



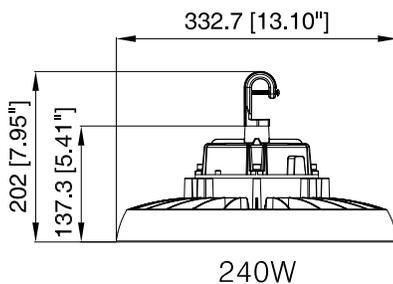
### 150W - 21,000 LUMENS - 3.35 KG (7.4LBS)



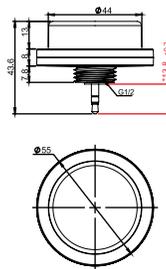
### 200W - 28,000 LUMENS - 4.20 KG (9.3LBS)



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



### FIELD-INSTALLABLE SENSOR (MM)\*

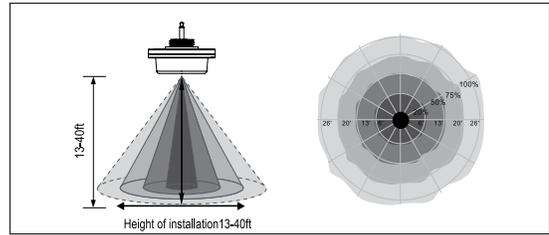


Sensor shown installed

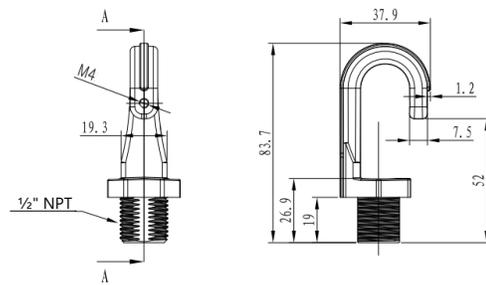


\*See Page 1 for details.

### SENSOR COVERAGE

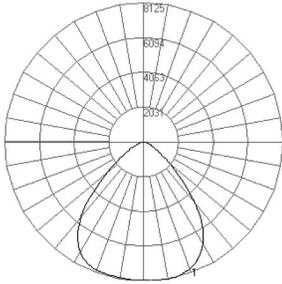


### HOOK (1/2" NPT), INCLUDED (MM)

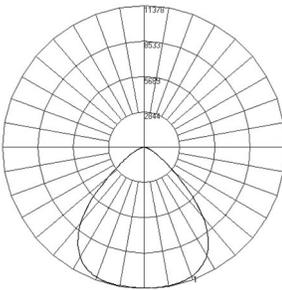


**PHOTOMETRIC DATA**

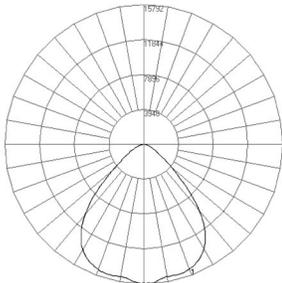
**100W**  
**14000 Lumens**



**150W**  
**21000 Lumens**



**200W**  
**28000 Lumens**



**240W**  
**33000 Lumens**

