AMERICAN LIGHTING SYSTEMS™

Job Name:

Type:

Part #:

Notes:

LED Area Lights

100, 150, 200, 300, 400 or 500 WATTS



These fixtures use a one-piece die-cast aluminum housing with a Bronze (BZ) or White (WH) powder coat finish. The cast aluminum body and integrated heat-sink fins provide effective thermal management, keeping LED junction temperatures low and supporting long life in nightly operation. The UV-resistant finish and corrosion-resistant construction make it suitable for retail pads, small lots, auto service areas, and light industrial sites.

High-efficacy Lumileds LEDs are paired with a high-efficiency LED driver to achieve the 150 lm/W performance level. The standard driver operates on 120–277VAC, 50/60 Hz, covering most commercial electrical services. The driver includes 0–10V dimming, allowing integration with typical control systems for stepped or continuous dimming, occupancy-based control, and energy management.

These models are 5000K (5K), a cool white color temperature commonly used for parking lots and security lighting where high visibility and contrast are required. The fixture uses a Type III optical distribution, designed for perimeter poles, parking rows and drive lanes where forward throw and lateral spread are needed.

The precision-molded lens system improves uniformity and reduces hot spots and dark areas compared to older HID fixtures, often without changing existing pole locations.

Ordering Information:

Example: ALS-SB-PV-150W-5K-III-BZ-PC

MODEL	Wattage		
ALS-SB-P2	**100W-5K-III** **150W-5K-III** **200W-5K-III** **300W-5K-III** **400W-5K-III** **500W-5K-III**	**BZ** - Bronze **WH** - White	**PC** - Photocell

Mounting Options - shown on page 3

ALS-SB-SF-BZ - Type A Slip Fitter Mount
ALS-SB-AA-BZ - Adjustable Arm Mount
ALS-SB-TRUNNION-BZ - Type D Trunnion Mount
ALS-SB-P-YOKE-BZ - Yoke Mount
ALS-ALGS-BZ - Glare Shield
ALS-SB-PC - Photocell

AMERICAN LIGHTING SYSTEMS™

Job Name:

Type:

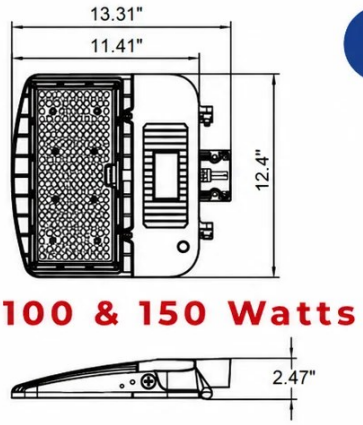
Part #:

Notes:

General Specifications

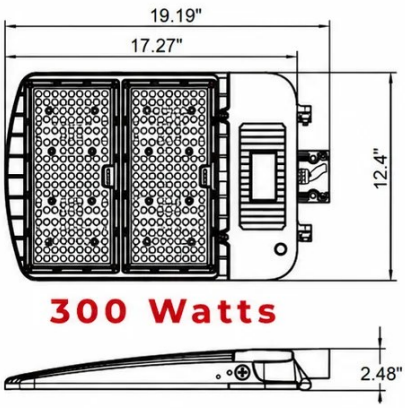
Housing Material	Die-Cast Aluminum	**Finish**	Dark Bronze or White
Lens Type	Poly Carbonate	**Distribution**	Type III
Dimming	0-10V Dimmable	**Color Temp**	5000K
Total Lumens	**100W** 15,000 **150W** 22,500 **200W** 30,000 **300W** 45,000 **400W** 60,000 **500W** 75,000		
IP Rating	IP65	**Lumens per Watt**	150 Lm/w
Working Temperature	-40°F ~ 113°F	**Driver Efficacy**	90%
LED Chips	Lumileds	**Photocell**	Yes
Storage Temperature	-40°F ~ 176°F	**Power Factor**	0.95
CRI	≥70	**Input Voltage**	AC 120-277V, 50/60Hz
Warranty	5 Year Limited	**Luminary Life**	over 50,000 hrs

Dimensions



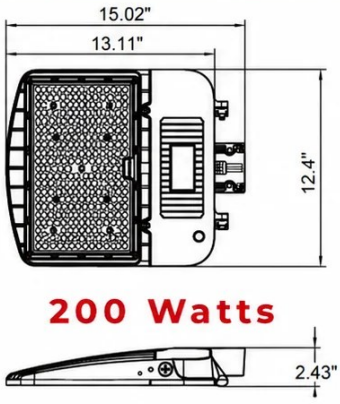
100 & 150 Watts

9.5 Lbs

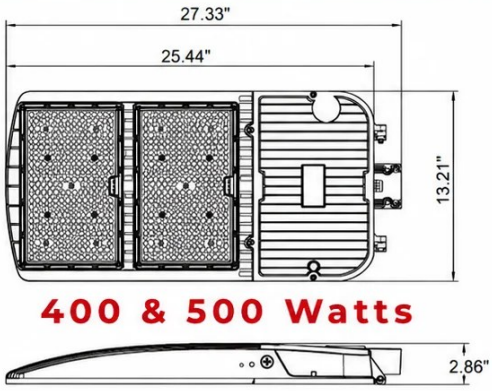


300 Watts

12 Lbs



200 Watts



400 & 500 Watts

AMERICAN LIGHTING SYSTEMS™

Job Name:

Type:

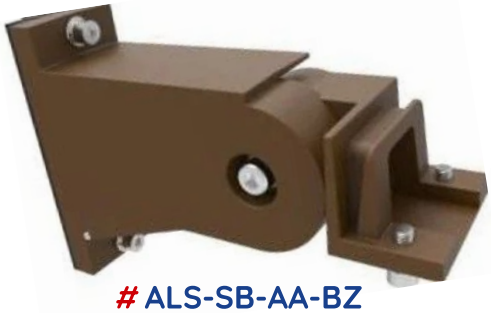
Part #:

Notes:

ACCESSORIES & MOUNTING BRACKETS



 # ALS-SB-SF-BZ
Type A Slip Fitter Mount



 # ALS-SB-AA-BZ
Adjustable Arm Mount



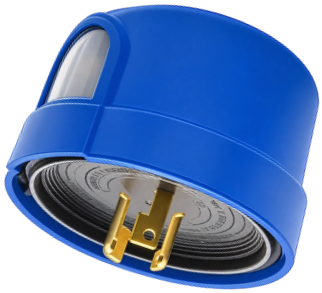
 # ALS-SB-TRUNNION-BZ
Type D Trunnion Mount



 # ALS-ALGS-BZ
Glare Shield



 # ALS-SB-P2-YOKE-BZ
Yoke Mount



 # ALS-SB-PC
120-277v Photocell

Applications



