

Low Pressure Sodium

Parking Areas

Roadway

Large Areas



Specifications



Certifications The fixture shall be ETL and CETL listed for wet location.

Light Distribution The luminaire shall meet the specified light distribution and footcandle levels with an internal optical system and horizontal lamping.

Assembly Field installation to bracket or pole shall be accomplished without having to remove or disassemble any fixture component. Fixture shall be ETL listed "suitable for wet locations."

Housing The fixture housing shall be constructed from heavy gauge aluminum sheet, internally welded and silicone sealed.

Door Frame Assembly Extruded clear anodized aluminum door frame shall be furnished with fully tempered, thermal and shock resistant clear glass. White dacron open cell gasket prevents entry of moisture, dust, and insects. All external hardware to be stainless steel.

Ballast Ballast shall be tray mounted and readily accessible, removable and insulated. The fixture is to be factory pre-wired, completely assembled and electronically tested prior to shipment. Quick disconnects are standard.

Optical Assembly The optical assembly shall be of highly specular aluminum.

Finish BK-BZ-WH-GR-GY-NA baked enamel standard, other colors available. Duranodic® anodized finishes shall be applied over brushed aluminum surfaces of a uniform fine grain. (Specify baked enamel or anodized finish color.)

Mounting Details AL-09-B Bracket externally slip fits 2 3/8" O.D. tenons, and the AL-09-R Bracket externally slip fits 2 3/8" to 4" diameter tenons if required. Specify exact tenon dimension, and dimensions of top of round or square poles to ensure compatibility. AL-09-BC denotes aluminum arm finished with hardware for direct mounting to side of pole. Luminaire shall be pre-wired with high temperature wire, making disassembly for installation unnecessary.

PROJECT
FIXTURE TYPE
CATALOG#



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

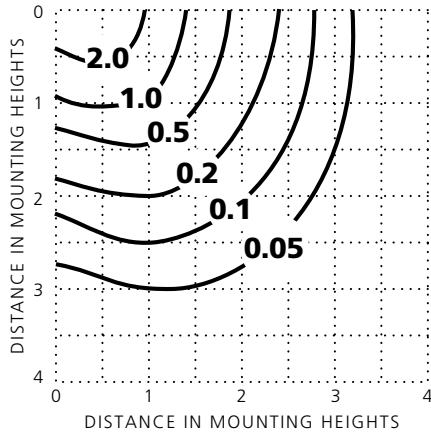
Product Order Guide

Series	Mounting Type	Number of Fixtures	Max Watts	Lamp Type	Voltage ¹	Reflector Type	Finish ¹	Options
AL-09	BC/	1	35/55 LPS	T17	120	SXIII	BZ Bronze	F Fusing
	B/	2	180 LPS	T21	208	SXII ²	BK Black	FF Double Fusing
	R/		(2) 35/55	T17	240		GR Green	PCC Photo Control W/Receptacle
	K/		Twin Lamp		277		WH White	HSS House Side Shield (Internal)
	CM/		(2) 90	T21	480		GY Gray	CP Clear Polycarbonate Lens
			Twin Lamp				CC Custom Color	PSV Pole Side Visor (External)
							BAA Clear Anodized	FF480V Double Fusing 480V
							BZA Bronze Anodized	
							BKA Black Anodized	
							NA Natural Aluminum	

¹ Consult factory for other colors and voltages

Example: AL-09-B/1-180LPS-T21-120-SXIII-BZ-PCC

Photometric Data



Conversion Factor

Mounting Height	20'	25'	30'	35'	40'
Footcandle Multiplier	2.2	1.4	1.0	1.73	.56

AL-09-135LPS-SXIV
 Clear Lamp
 22,500 Lumens
 30' Mounting Height
 ISOLUX Curves—value in initial footcandles

Luminaire Dimensions

Luminaire	A	B	C	Weight	EPA
AL-09-35/55	14-5/16"	20-3/4"	7-1/4"	42#	1.40
AL-09-90	14-5/16"	24-5/8"	7-1/4"	48#	1.52
AL-09-135	14-5/16"	34-3/8"	7-1/4"	55#	1.95
AL-09-180	14-5/16"	48"	7-1/4"	62#	2.65

Mounting Type

Mounting Type

- BC/ Concealed Hardware Mounting Arm
- B/ Square Hub Mounting for 2-3/8" Tenon
- R/ Round Hub Mounting for 2-3/8" - 4" Tenon
- K/ Adjustable Knuckle for 2-3/8" Tenon
- CM/ Ceiling Mount

For other mounting types see bracket section

