



Certified LED Lights®

Product Data Sheet

150W, 240W and 300W shoeboxes



Product Overview

The AL2 Series LED Shoebox Area Light is a general-purpose outdoor luminaire designed for reliable, cost effective, high-output area lighting. It features field-selectable wattage options of 150W/120W/100W, 240W/200W/150W or 300W/240W/200W, along with CCT selectability (3000K / 4000K / 5000K) to adapt to different site requirements. The fixture is standard in 120–277V and has options for 277–480V input, includes 0–10V dimming, and is available in bronze die-cast aluminum housing for effective thermal dissipation. This model offers fixed type III distribution and comes standard with a premium Sosen driver and 20KV surge protector for enhanced durability and longevity.

Ideal for outdoor area lighting where consistent illumination and flexibility are required, the AL2 Series is well suited for parking lots, roadways, and general industrial outdoor environments. Its performance makes it a strong choice for medium-high height pole installations as well as new construction projects, providing dependable lighting coverage across open exterior spaces.

- * CCT: 3 color temperature selectable in the field
- * Wattage: 3 adjustable power selectable in the field
- * DLC 5.1 premium listed
- * UL Listed
- * IP65 Wet location rated
- * FCC Part 15, Class B
- * 149.6 to 180.5 lumens per watt
- * Long-life LEDs provide 50,000 hours of operation
- * Universal 100-277 AC voltage (50-60Hz) is standard
- * 277- 480V available on the AL2-25LS and AL2-51LS models
- * 0-10 V dimming capability is standard
- * Integrated sensor base

Applications



Roadways



Perimeter



Parking lots



General area

Product Warranty



Highlights and Certifications



UL listed



Wet Location



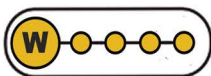
DLC 5.1 Premium Listed



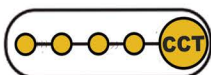
Dimming: 0-10V



FCC Part 15, Class B



Field selectable wattage 3-way dip switch



Field selectable CCT 3-way dip switch:
3K, 4K, 5K for all models

Key Specifications

* CCT: color temperature selectable 3K, 4K, 5K

* Adjustable power:

80, 100, 150W for the 25LS-27

80, 100, 150W for the 25LS-48 model

150, 200, 240W for the 41LS-27 model

200, 240, 300W for the 51LS-27 model

200, 240, 300W for the 51LS-48 model

* LED chips 2835, IP protected

* Operating temperatures from -40°F to 122°F

* Power factor > 0.90

* CRI > 80

* Viewing angle: Type III

* Surge voltage capability > 20KV

Performance

AL2-25LS-T3-27-TCP / AL2-25LS-T3-48-TCP

	80W			100W			150W		
Color	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K
Lumens	12,888	14,264	13,696	15,600	17,490	16,700	22,545	25,395	24,030
Lumens / Watt	161.1	178.3	171.2	156.8	174.9	167	150.3	169.3	160.2

AL2-41LS-T3-27-TCP

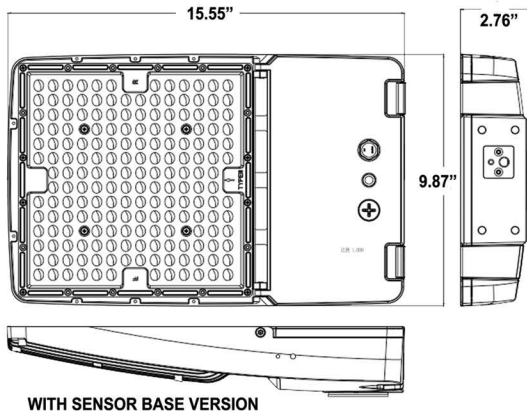
	150W			200W			240W		
Color	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K
Lumens	23,940	26,490	25,380	30,920	34,540	32,980	35,904	40,464	38,328
Lumens / Watt	159.6	176.6	169.2	154.6	172.7	164.9	149.6	168.6	159.7

AL2-51LS-T3-27-TCP / AL2-51LS-T3-48-TCP

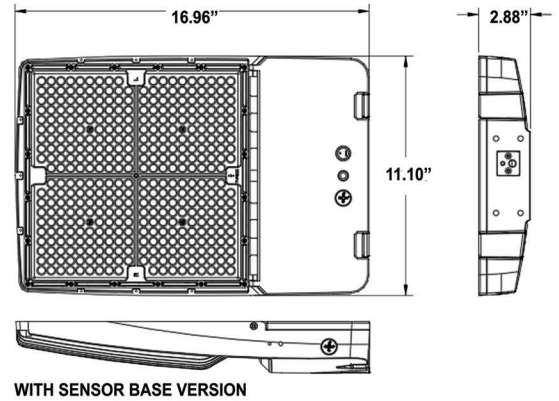
	200W			240W			300W		
Color	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K	3,000K	4,000K	5,000K
Lumens	31,860	35,420	33,990	37,248	41,554	39,672	45,000	50,670	48,090
Lumens / Watt	159.3	177.1	169.5	155.2	173.1	165.3	150	168.9	160.3

Dimensions

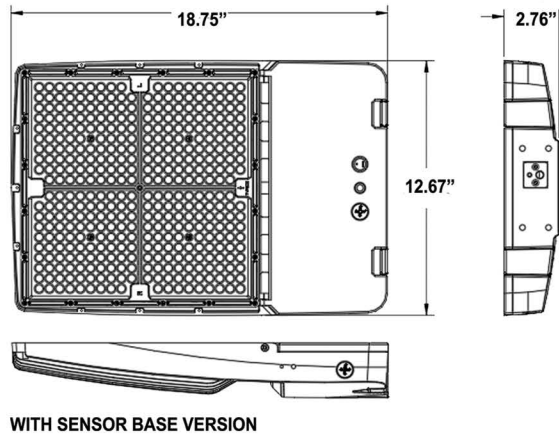
25LS-27 AND 25LS-48 Models



41LS-27 Model



51LS-27 AND 51LS-48 Models



Mounting Options

Slip Fitter



Trunnion



Direct Mount



Ordering Guide

PART #	CCT Color Temp	Lumens	Lumen/ watt	Wattage	Voltage
AL2-25LS-T3-27-3TCP	3K, 4K, 5K	12,888 – 25,395	150.3 – 178.3	80, 100, 150W	100-277V
AL2-25LS-T3-48-3TCP	3K, 4K, 5K	13,232 – 25,995	154.8 – 181.3	80, 100, 150W	277-480V
AL2-41LS-T3-27-3TCP	3K, 4K, 5K	23,940 – 40,464	149.5 – 176.6	150, 200, 240W	100-277V
AL2-51LS-T3-27-3TCP	3K, 4K, 5K	31,860 – 50,670	150 – 177.1	200, 240, 300W	100-277V
AL2-51LS-T3-48-3TCP	3K, 4K, 5K	32,820 – 51,900	153.8 – 180.5	200, 240, 300W	277-480V

Notes:

- AL2 means model name
- 25LS means 150W - 41LS means 240W - 51LS means 300W
- T3 means Type III light
- 27 means 100 -277V - 48 means 277-480V
- TCP means tunnable color and power

Ordering Accessories Guide

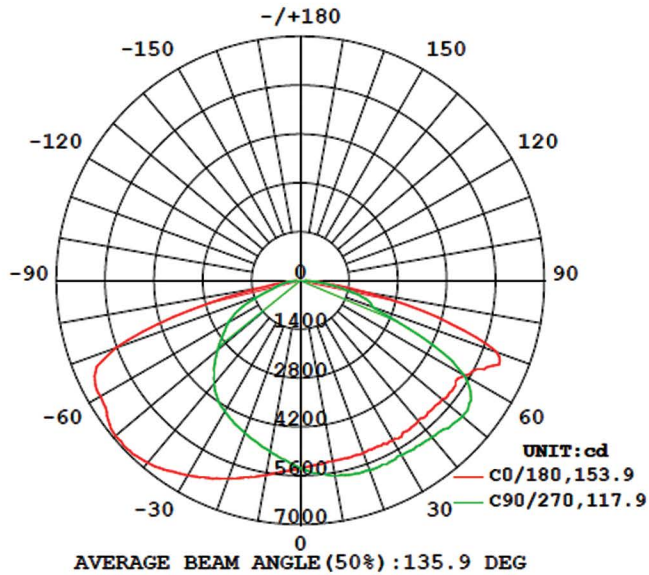
CATEGORY	PART #	DESCRIPTION	NOTE	PICTURE
Trunnion Mount	AL2-TR	Trunnion mount	Included. Order the mount at the time of order	
Direct Mount	AL2-DMT	Direct mount bracket for area light	Included. Order the mount at the time of order	
Slip-Fitter Mount	AL2-SF	Slip fitter mount for area light	Included. Order the mount at the time of order	
Sensor	ANT-5-4T	Microwave motion sensor	Order separately	
Sensor	ANT-5-4T-PC	On / Off Photocell	Order separately	



Photometric Data

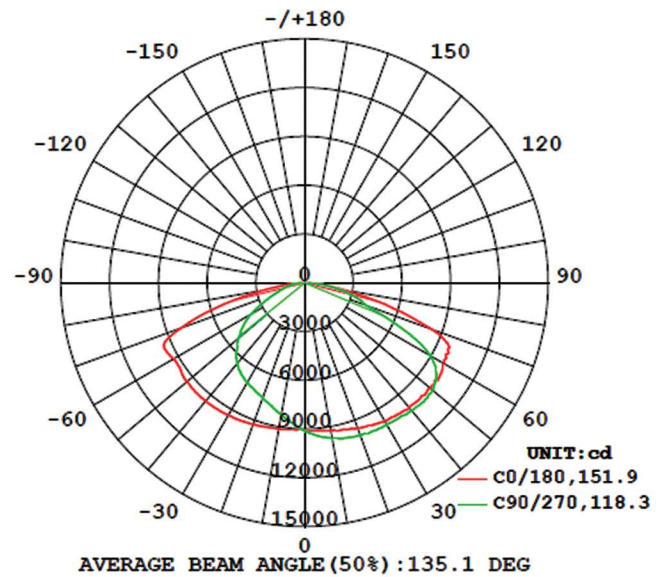
AL2-25LS @ 4000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AL2-41LS @ 4000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AL2-51LS @ 4000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

