



**Certified LED Lights®**

Product Data Sheet

MPAL area light



**Product Overview**

This ALS-MPAL 35W and 80W CCT are a premium architectural LED lights designed to illuminate parking areas, pathways, building facades, loading docks and a wide variety of other large general site lighting applications. This light is kelvin selectable in 3K, 4K and 5K. A knuckle mount is standard. This light series uses dip-switches to switch between three wattage and 3 CCT ranges.

This ALS-MPAL is an efficient high performing solution with a low-profile design. It is rugged on the outside with cast aluminum housing that minimizes wind load and featuring an integrated, waterproof driver compartment. It has a pre-treated and a bronze powered -coated Die-cast housing.

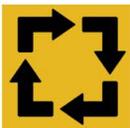
This area light comes with a 5 year warranty and 50,000 hours from the date of delivery to the end-user, covering light output, color stability, and driver performance.

An independent laboratory tests our lights and LED components to ensure they meet the IESNA LM-79 and LM-80 standards. LED color temperature is warrantied to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Applications**



Roadways



Perimeter



Parking lots



General area

- \* CCT: 3 color temperature selectable in the field
- \* Wattage: 3 adjustable power selectable in the field
- \* DLC 5.1 premium listed
- \* UL listed for wet location IP 65
- \* FCC Part 15, class A
- \* 118 to 142 lumens per watt
- \* Long-life LEDs provide 50,000 hours of operation
- \* Universal 100-277 AC voltage (50-60Hz) is standard
- \* 0-10 V dimming capability is standard
- \* Die cast aluminum housing with 2 mil dark bronze powder coat finish and heat resistant polycarbonate lens

**Product Warranty**



## Highlights and Certifications



DLC 5.1 Premium Listed



IP 65 rated



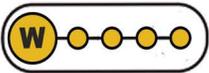
UL listed for wet location



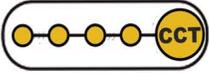
Dimming: 0-10V



FCC Part 15, class B



Field selectable wattage 3-way dip switch:



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

## Key Specifications

- \* CCT: color temperature selectable 30K, 4K, 5K
- \* Adjustable power: 15, 25, 35W on the 4LS model
- \* Adjustable power: 40, 60, 80W on the 10LS model
- \* LED chips 2835
- \* Motion PIR sensor is standard
- \* IP 65 wet location rated
- \* Operating temperatures from -40°F to 120°F
- \* Storage temperature from -40° F to 158°F
- \* Power factor > 0.90
- \* CRI > 80
- \* Viewing angle: 55/75/90 degrees
- \* Wireway enclosure is sealed with a water-tight, silicon rubber gasket

## Performance

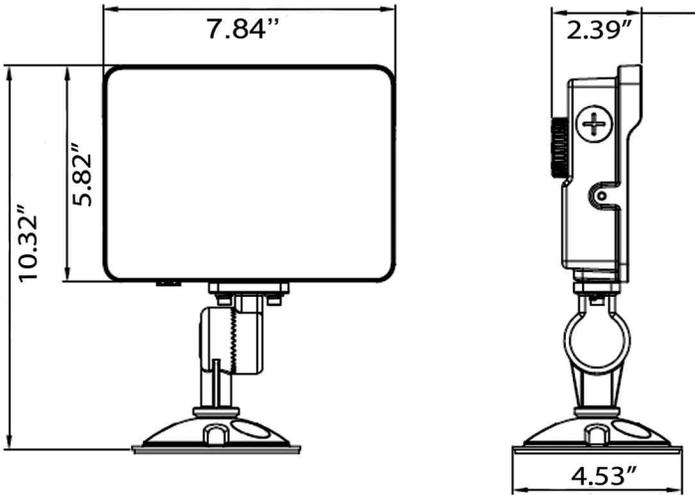
ALS-MPAL-4LS-27-TCP-KN-PC											
15W				25W				35W			
Color	3000	4000	5000	Color	3000	4000	5000	Color	3000	4000	5000
Lumens	1,770	1,980	2,055	Lumens	2,950	3,300	3,425	Lumens	4,130	4,620	4,795
Lumens/ Watt	118	132	137	Lumens/ Watt	118	132	137	Lumens/ Watt	118	132	137

ALS-MPAL-10LS-27-TCP-KN-PC											
40W				60W				80W			
Color	3000	4000	5000	Color	3000	4000	5000	Color	3000	4000	5000
Lumens	5,120	5,680	5,480	Lumens	7,680	8,520	8,220	Lumens	10,240	11,360	10,960
Lumens/ Watt	128	142	137	Lumens/ Watt	128	142	137	Lumens/ Watt	128	142	137

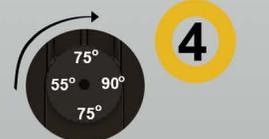
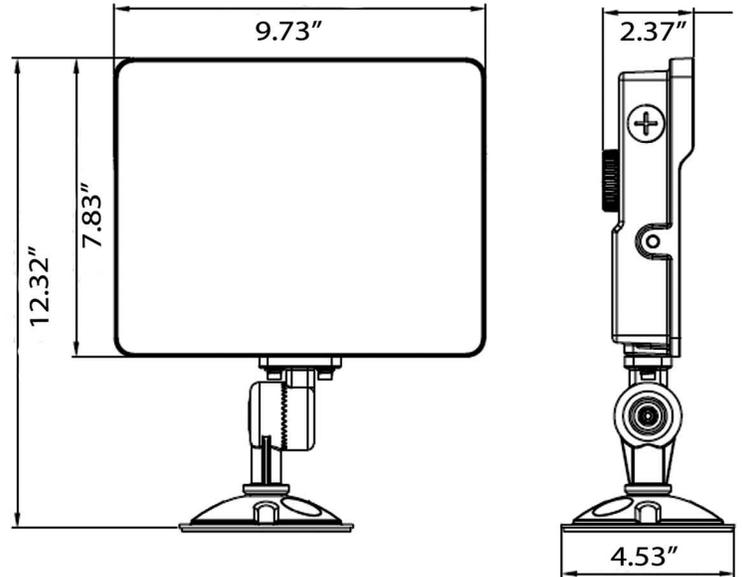
Performance data is based on a test at 120V

**Dimensions**

ALS-MPAL-4LS-TCP-KN-PC



ALS-MPAL-10LS-TCP-KN-PC



**1** Behind the cap, access to wattage and CCT selectable in the field switches



**2** One piece Die-cast aluminum housing with bronze powder coat finish

**3** Knuckle mount standard

**4** Rotate knob to drive the lens forward and backward to change the light distribution

**5** Remove the cap to select the on-off switch for the photocell

## Ordering Guide

PART #	CCT Color Temp	Lumens	Lumen/ watt	Wattage	Voltage
ALS-MPAL-4LS-27-TCP-KN-PC	3K, 4K, 5K	1,770 – 4,795	118 – 137	15, 25, 35W	100-277V
ALS-MPAL-10LS-27-TCP-KN-PC	3K, 4K, 5K	5,120 – 11,360	128 -142	40, 60, 80W	100-277V

### Notes:

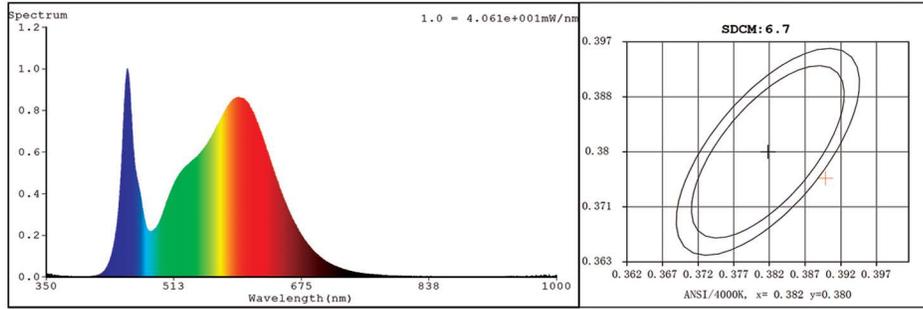
- ALS-MPAL means manufacturer part#
- 4LS means 15, 25, 35W ; 10LS means 40, 60, 80W
- 27 means panels are 120-277V
- TCP means the product is 3 CCT selectable
- KN means the light comes standard with a knuckle mount
- PC means the light comes standard with a photocell

## Accessories Ordering Guide

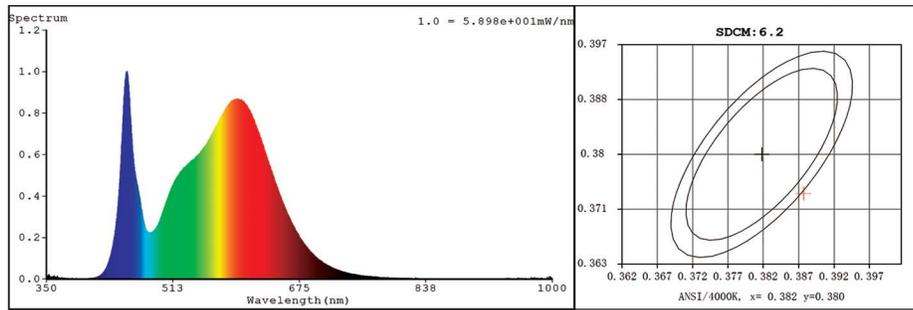
CATEGORY	PART #	DESCRIPTION	NOTE	PICTURE
Photocell	N/A	Twist-lock photo control	Included	
Knuckle Mount	N/A	Knuckle mount	Included	
Canopy Plate	CLL-FL17-PLATES	Canopy mount plate for 1/2" NPT knuckle to flat surface or recessed box. Enclosure is sealed with water tight rubber sealed gasket	Order separately	
Yoke Mount	ALS-MPAL-YOKE	Yoke mount	Order separately	
Spike Mount	DTH-LNDSL-BS	Spike mount	Order separately	
Slip-fitter adapter	TADP2.5-1/2-D	Slip-fitter adapter to 1/2" NPT knuckle mount	Order separately	

**Photometric Data**

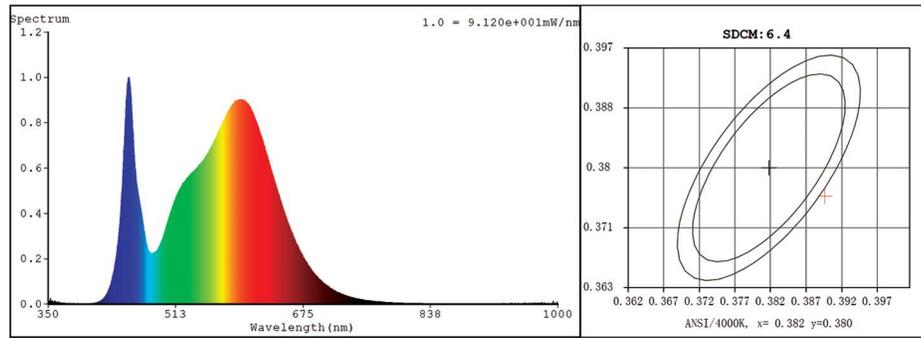
ALS-4LS 15W @ 4K



ALS-4LS 25W @ 4K



ALS-4LS 35W @ 4K



ALS-10LS 80W @ 4K

