

# WL112 series LED Parking lot Light



1. It owns several patents, Funneled heat dissipation structure gives the wall lamp better heat dissipation effect.
2. Optical design of the LENS makes the light distribution apply to wall lamp.
3. The driver and the light source are separated, which makes the products easier to be assembled.
4. The design of the power supply box makes it convenient for customer to replace the driver.
5. It has a pretty appearance, The lamp fixture luminous efficiency can achieve 120lm/w.
6. High performance Meanwell driver is applied on the lamp.
7. IP65 for wet location.
8. 5 years warranty.

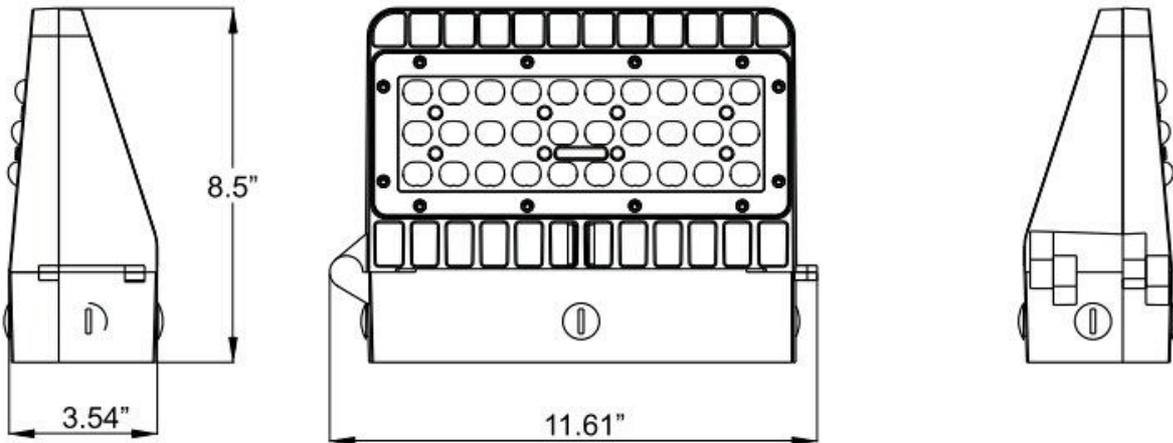


**Advantage:**

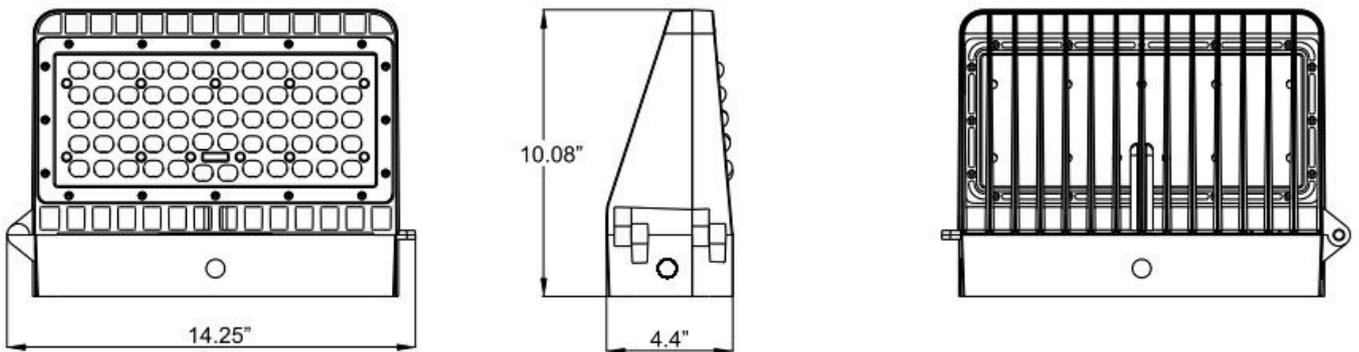
- ETL cETL DLC CE ROHS certificate
- Samsung 3535 Chip, high CRI
- IP65 driver, Input voltage 100-277Vac
- 100\*140/90\*140/90\*120/85\*135/90/120° lens angle
- Optional light-controlled and surge protection function
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, Long lifespan
- Light is soft and uniform, Safe to eyes
- Fishbone style high efficiency heat sink.

**Dimmension**

WL90 series



WL112 series



## Technical Characteristic

Color temperature	3000K , 3500K	4000K , 4500K	5000K
CRI	>70		
LED chip	Samsung 3535		
Lumen Efficacy	115-124 LM/W		
Input Power	24w, 48w, 80w, 100w, 120w, 150w		
Viewing Angle	100*140/90*140/90*120/85*135/90/120° lens angle		
Input Voltage	120-277Vac 50/60Hz		
Driver model	Meanwell Driver		
PFC	>0.9		
Waterproof Rating	IP65		

## Materials

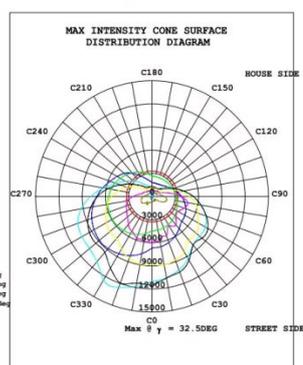
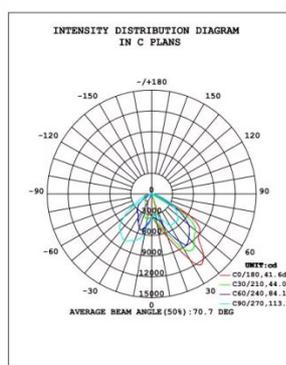
Operating Temperature	-40°C TO 45°C
Operating Humidity	20%-90% RH
Storage Temperature	-30°C TO 80°C
Storage Humidity	10%-95%
Application	Outdoor
Safety Certification	ETL、cETL、DLC、CE、ROHS
Warranty Time	5 Years

## Light Distribution Testing Parameters

### STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:224.3V I:0.6660A P:144.1W PF:0.9620 Lamp Flux:17304.2x1 lm		
NAME: parking lot lighting	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.08 lm/W			
MODEL	ST298-W150	Imax (cd)	14231	$\eta$ street_up (%)	0.0
NOMINAL POWER(W)	144.1	LOR(%)	100.0	$\eta$ street_down (%)	46.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	17304	$\eta$ house_up (%)	0.0
NOMINAL FLUX(lm)	17304.2	MAXIMUM @ (C, $\gamma$ )	285,31.0	$\eta$ house_down (%)	53.4
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE (V)	220.6	$\eta$ down (%)	100.0	SLI	



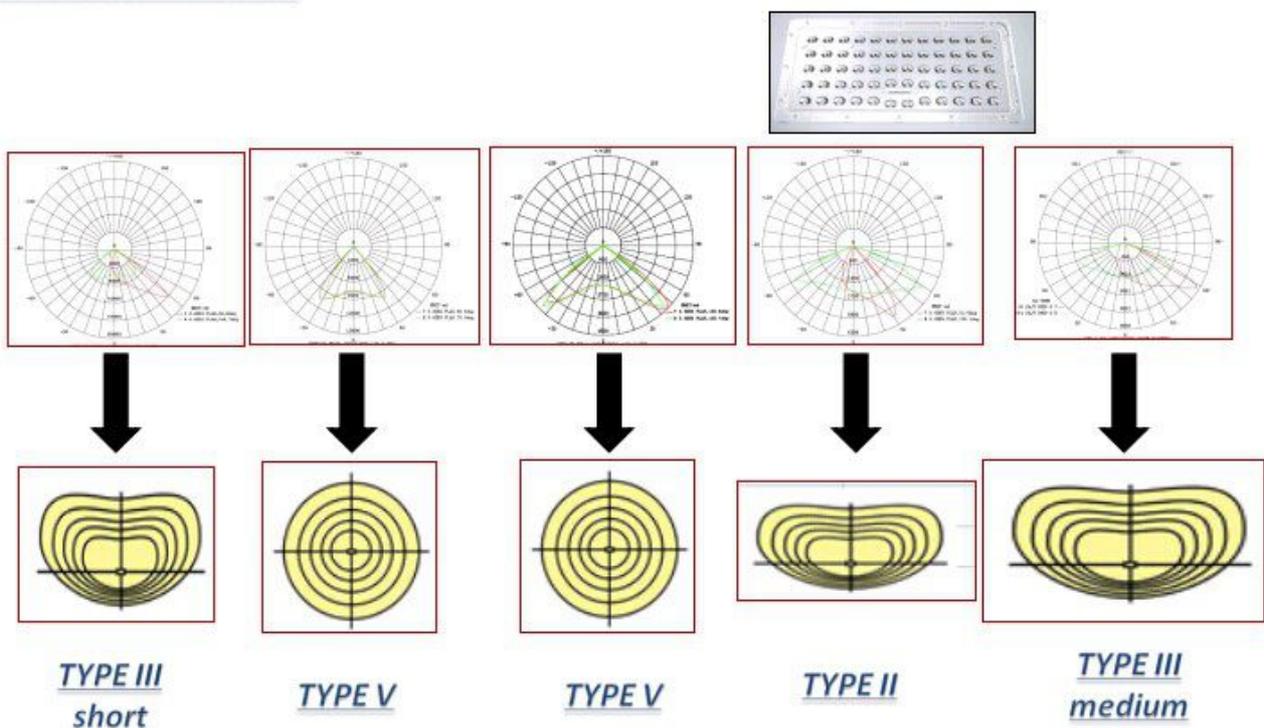
## LED Wall Lamp :

The WL series of LED Wall Packs are the #1 answer for any commercial and industrial wall lighting. These Wall Packs are IP65 rated and dimmable with much of the same custom options. The WL series offers color temperatures 3000-5000k, multiple distribution lenses, and are photocell optional. The WL has a “full cut-off” design that keeps light pollution down to a minimum which helps keep your LED from flooding the surrounding area unnecessarily.

**Full Cut-off Slim Design**  
**High Performance LEDs**  
**Reliable Driver with Extended Life Span**  
**Effective Thermal Management**  
**Easy Installation**  
**Dark Bronze or White Finish**

### Lighting distribution advantage :

5 kinds of light distribution curve, Including TYPEII TYPEIII (Short, Medium) TYPEV



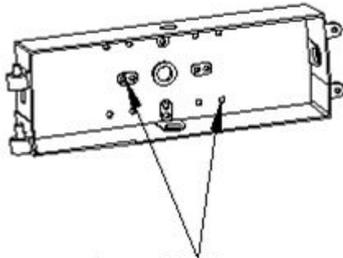
## Advantage :

The power supply box is separately away from the heat sinker. So it's more easy to install and replace



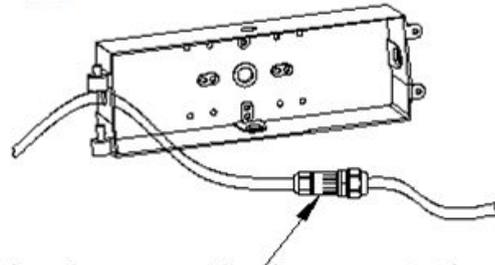
## Instruction for Installation

1



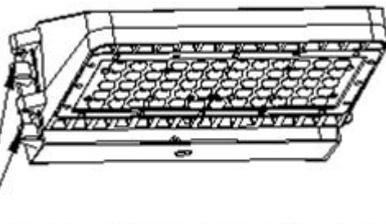
Using screws to install the power supply box onto the solid wall

2



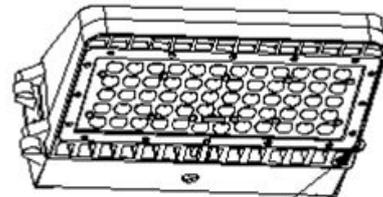
Open the wire-connecting box, connect the input wire of the LED driver with the AC input wire then close the box

3



Thrust the heat sinker body into the two holes

4



Close the body using screws and tighten them

## **Installation Caution**

- 1 Make sure the power has been turned off before maintenance.
- 2、 Clean the lens cover regularly to maintain high transmission of light.
- 3、 Clean up the dust from the reflector and heat sink regularly to keep sound heat dispersion.
- 4、 Be careful not to use water or corrosive solution for cleaning, preferably with a dry cloth.
- 5、 When install or replace power supply, directly open the back cover with a screwdriver, then remove the power supply. There are three-core cable of AC power, red corresponds to the power of “L”, blue to “N”, and green or yellow to “G”.