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| Article No  | : |       |
| Version     | : | 06.23 |
| Prepared By | : |       |
| Checked By  | : |       |



## K - OD SERIES LED PARKING LOT LIGHT

### VARIANTS

| Wattage | Product Code      | Low Voltage | High Voltage | Photocell      |
|---------|-------------------|-------------|--------------|----------------|
| 100W    | KLTL100SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 120W    | KLTL120SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 150W    | KLTL150SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 200W    | KLTL200SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 240W    | KLTL240SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 300W    | KLTL300SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |
| 350W    | KLTL350SB-XX-YY-Z | 110V - 277V | 277V - 480V  | With   Without |

### ACRONYM

|    |              |
|----|--------------|
| LV | Low Voltage  |
| HV | High Voltage |
| BR | Bronze       |
| BL | Black        |
| WH | White        |
| XX | CCT          |
| YY | LV   HV      |
| Z  | Mounting     |

### APPLICATIONS

Airports & Transportation Hubs  
Commercial & Industrial Areas  
Street & Roadways  
Sports Facilities  
Public Spaces  
Parking Lots

Shoe box type parking lights are powerful outdoor lighting fixtures designed for parking areas. With high lumen output and wide beam angles, they provide even and bright illumination, ensuring safety and visibility. These energy-efficient lights have a long lifespan and are built to withstand outdoor conditions. Offering customization options for brightness, color temperature, and control systems, they are versatile and easy to install.

### FEATURES

Versatile applications in parking lots, streets, commercial areas, and more.  
Customization options for brightness, color temperature, and controls.  
Energy-efficient LED technology for reduced electricity consumption.  
Improved safety and security for vehicles and pedestrians.  
Long lifespan for minimal maintenance and replacement.  
Powerful and even illumination for enhanced visibility.  
Environmentally friendly with reduced energy usage.  
Durable construction for outdoor conditions.  
Wide beam angles for efficient coverage.  
Easy installation on poles or structures.



WARRANTY



CRI



RATED LIFE

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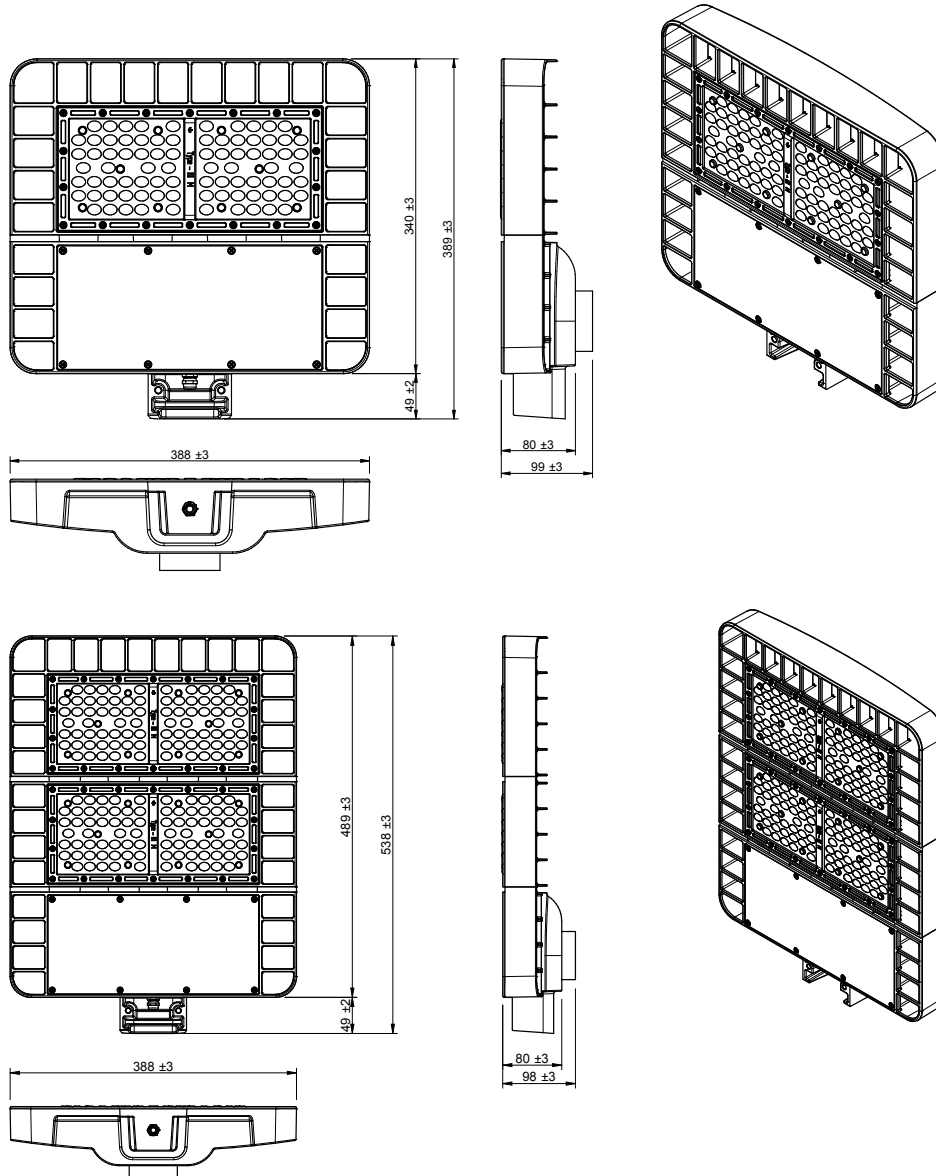
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| TECH SPECS            |          |          |          |          |          |          |          |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|
| Product Wattage       | 100W     | 120W     | 150W     | 200W     | 240W     | 300W     | 350W     |
| Input Voltage Range   | LV   HV  | LV   HV  | LV   HV  | LV   HV  | LV   HV  | LV   HV  | LV   HV  |
| Input Frequency       | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Power Factor          | > 0.92   | > 0.92   | > 0.92   | > 0.92   | > 0.92   | > 0.92   | > 0.92   |
| THDA                  | ≤15%     | ≤15%     | ≤15%     | ≤15%     | ≤15%     | ≤15%     | ≤15%     |
| Driver Type (CC/CV)   | CC       | CC       | CC       | CC       | CC       | CC       | CC       |
| Driver Efficiency     | ≥ 88%    | ≥ 88%    | ≥ 88%    | ≥ 88%    | ≥ 88%    | ≥ 88%    | ≥ 88%    |
| Surge Protection (CM) | 10 KV    | 10 KV    | 10 KV    | 10 KV    | 10 KV    | 10 KV    | 10 KV    |
| Surge Protection (DM) | 5 KV     | 5 KV     | 5 KV     | 5 KV     | 5 KV     | 5 KV     | 5 KV     |
| Driver Class          | Class 2  | Class 2  | Class 2  | Class 2  | Class 2  | Class 2  | Class 2  |

| OPTICAL PARAMETERS |          |                  |                   |                                         |            |
|--------------------|----------|------------------|-------------------|-----------------------------------------|------------|
| Wattage            | Lumens   | Lumen Efficiency | CCT               | CCT Range                               | Beam Angle |
| 100W               | 13000 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 120W               | 15600 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 150W               | 19500 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 200W               | 26000 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 240W               | 31200 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 300W               | 39000 lm | 130 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |
| 350W               | 50000 lm | 143 lm/W         | 3000K/4000K/5000K | 2970K ± 145 / 3985K ± 219 / 5028K ± 283 | Type II    |

| MECHANICAL PARAMETERS |                   |                    |               |                    |                    |
|-----------------------|-------------------|--------------------|---------------|--------------------|--------------------|
| Wattage               | Product Dim. (mm) | Ingress Protection | IK Protection | Housing Material   | Product Net Weight |
| 100W                  | 390 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 13.77 lbs          |
| 120W                  | 390 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 13.77 lbs          |
| 150W                  | 390 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 13.77 lbs          |
| 200W                  | 540 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 17.30 lbs          |
| 240W                  | 540 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 17.30 lbs          |
| 300W                  | 540 X 388 X 98    | IP 65              | 07            | Die Cast Aluminium | 17.30 lbs          |
| 350W                  | 594 X 390 X 138   | IP 65              | 07            | Die Cast Aluminium | 20.00 lbs          |

## DIMENSIONS



## SHIPPING

| Wattage | Master Carton Dim. (in) | Product Gross Weight | 40 Feet HQ Container (Case) | Per Pallet (Case) |
|---------|-------------------------|----------------------|-----------------------------|-------------------|
| 100W    | 20.87 x 16.93 x 5.51    | 14.27 lbs            | 2000                        | 90                |
| 120W    | 20.87 x 16.93 x 5.51    | 14.27 lbs            | 2000                        | 90                |
| 150W    | 20.87 x 16.93 x 5.51    | 14.27 lbs            | 2000                        | 90                |
| 200W    | 20.87 x 16.93 x 5.51    | 17.80 lbs            | 1545                        | 70                |
| 240W    | 20.87 x 16.93 x 5.51    | 17.80 lbs            | 1545                        | 70                |
| 300W    | 20.87 x 16.93 x 5.51    | 17.80 lbs            | 1545                        | 70                |
| 350W    | 20.87 x 16.93 x 5.51    | 20.50 lbs            | 1545                        | 70                |

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## INSTALLATION GUIDE

**WARNING:** Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in a potential fatal electric shock and/or property damage.

- To reduce the risk of electrical shock or other personal injury, ensure the power is turned OFF at the fuse or breaker box before making any electrical connections.
- For outdoor use only.
- Must be connected to 120-277 V / 277-480 V, 60 Hz power source
- Fixture should be mounted to a grounded junction box marked for use in wet locations.
- Suitable for wall mount.
- Not suitable for ground locations. Minimum of 4 feet or higher.
- Utility Light should be installed by a qualified electrician or person experienced with household wiring. The electrical system, and method of electrical connection of the fixture, must be in accordance with the National Electrical Code and local building codes.

### SUITABLE FOR WET LOCATIONS

CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

MINIMUM 105°C SUPPLY CONDUCTORS

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIER WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT

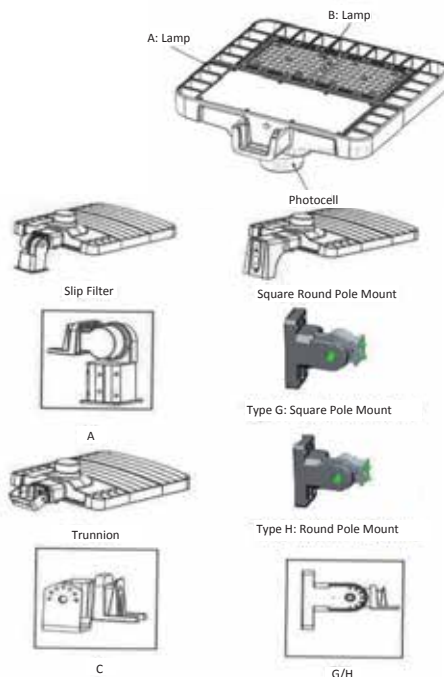
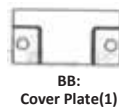
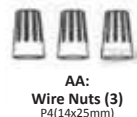
Note: Ensure only authorized electrician carries out the installation work.

### PLANNING INSTALLATION

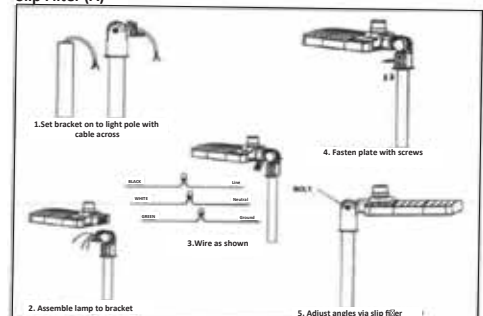
#### HARDWARE INCLUDED (note: some parts may be pre-assembled)

Carefully remove the fixture from the carton and check that all parts are included.

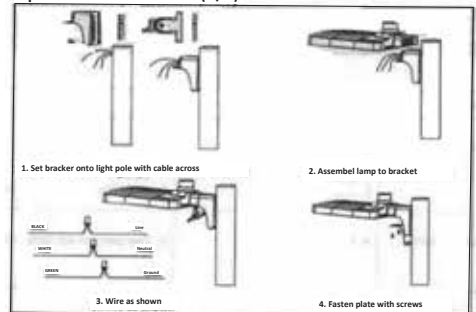
Be careful not to misplace any of the screws or parts needed for installing the fixture.



Slip Filter (A)



Square Round Pole Mount (H/G)



Trunnion(C)

