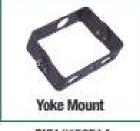


### **ZOHO 4<sup>th</sup> Gen Premium Edition**











SKU #153513

SKU#153514

SKU #110786

The ZOHO 4<sup>th</sup> Generation Premium Edition Area Light is included amongst Beyond LED Technology's best-selling products, with over 200,000 pieces sold in the last three years. The ZOHO 4th Generation Area Light offers high efficacy, with up to 170 lumens per watt for maximum power savings, and rebates from power companies. These Area Lights have a new heat sink design that ensures a longer lifespan for the products. These products are a perfect solution primarily for outdoor applications such as lighting parking areas, loading docks, and other general lighting applications.



#### **Product Features**

- Operating temperature: -40°C to 45°C
- Up to 170 Lumens per Watt efficacy
- 0-10V Dimming capability
- Optional 3 pin screw-in photocell
- Built-in 10KV Surge protector
- Multiple bracket options
- UL & DLC approved
- Ultra-thin sleek design
- This product is IP65 rated
- Heat resistant polycarbonate optical lens
- Die-cast aluminium housing
- Spotless soft light without shadow
- High efficacy Bridgelux 3030 Chips
- Universal 120-277Vac
- No UV or IR in the beam
- Environment friendly with no mercury
- Easy to install and operate, with instant startup and no humming
- Energy saving with long lifespan

| SKU#   | Model #                         | Watts | Housing | ССТ   | Lumens  | Input<br>Voltage | Certific<br>ation |
|--------|---------------------------------|-------|---------|-------|---------|------------------|-------------------|
| 153505 | BLT-S-GB-<br>150WXYZA5-abcdefgh | 150W  | Grey    | 5000K | 25500LM | 120-277V         | UL & DLC          |
| 153507 | BLT-S-GB-<br>300WXYZA5-abcdefgh | 300W  | Grey    | 5000K | 51000LM | 120-277V         | UL & DLC          |
| 153509 | BLT-S-GB-<br>300WXYZA5-abcdefgh | 300W  | Bronze  | 5000K | 51000LM | 120-277V         | UL & DLC          |
| 154100 | BLT-S-GB-<br>300WXYZA5-abcdefgh | 300W  | Black   | 5000K | 51000LM | 120-277V         | UL & DLC          |
| 154101 | BLT-S-GB-<br>300WXYZA5-abcdefgh | 300W  | Bronze  | 5000K | 51000LM | 120-277V         | UL & DLC          |
| 153513 | <b>Universal Mount</b>          | -     | -       | -     | -       | -                | -                 |
| 153514 | Yoke Mount                      | -     | -       | -     | -       | -                | -                 |
| 110786 | Optional Photocell              | -     | -       | -     | -       | -                | -                 |





# **SKU Number 153505 Specifications**

| Parameter     | Description           | Value  |  |
|---------------|-----------------------|--|--|
| General       | Model #               | BLT-S-GB-150WXYZA5-abcdefgh  |  |
| Performance   | Wattage               | 150W   |  |
|               | Lumen                 | Up to 25500LM  |  |
|               | Lumen Efficacy        | Up to 180LM/W  |  |
|               | Color Temperature     | 5000K  |  |
|               | CRI (Ra)              | >70  |  |
|               | Beam Angle            | 140 * 100 Degree   |  |
|               | Distribution Pattern  | Type III   |  |
| Electrical    | Input Voltage         | 120-277Vac   |  |
|               | Frequency             | 50/60Hz  |  |
|               | Dimming               | 0-10V dimming standard   |  |
|               | PF                    | ≥0.9   |  |
|               | Driver                | Non-Isolated   |  |
|               | Surge Protector       | 10KV   |  |
| Physical      | Operating Temperature | -40°C TO 45°C  |  |
|               | Storage Temperature   | -40°C TO 80°C  |  |
|               | Operating Humidity    | 20% - 90% RH   |  |
|               | Storage Humidity      | 10% - 95% RH   |  |
|               | LED Brand             | Bridgelux  |  |
|               | LED Type              | 3030   |  |
|               | LED QTY               | 304PCS   |  |
|               | Housing               | Aluminium  |  |
|               | Housing Color         | Grey   |  |
| Qualification | IP Rating             | IP65   |  |
|               | Warranty              | 5 years warranty with 24/7 operating hours<br>Luminaire lifetime at 25°C |  |





# **SKU Number 153507 Specifications**

| Parameter              | Description           | Value   |
|------------------------|-----------------------|---|
| General<br>Performance | Model #               | BLT-S-GB-300WXYZA5-abcdefgh   |
| Performance            | Wattage               | 300W  |
|                        | Lumen                 | Up to 51000LM   |
|                        | Lumen Efficacy        | Up to 180LM/W   |
|                        | Color Temperature     | 5000K   |
|                        | CRI (Ra)              | >70   |
|                        | Beam Angle            | 140 * 100 Degree  |
|                        | Distribution Pattern  | Type III  |
| Electrical             | Input Voltage         | 120-277Vac  |
|                        | Frequency             | 50/60Hz   |
|                        | Dimming               | 0-10V dimming standard  |
|                        | PF                    | ≥0.9  |
|                        | Driver                | Non-Isolated  |
|                        | Surge Protector       | 10KV  |
| Physical               | Operating Temperature | -40°C TO 45°C   |
|                        | Storage Temperature   | -40°C TO 80°C   |
|                        | Operating Humidity    | 20% - 90% RH  |
|                        | Storage Humidity      | 10% - 95% RH  |
|                        | LED Brand             | Bridgelux   |
|                        | LED Type              | 3030  |
|                        | LED QTY               | 608PCS  |
|                        | Housing               | Aluminium   |
|                        | Housing Color         | Grey  |
| Qualification          | IP Rating             | IP65  |
|                        | Warranty              | 5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C |





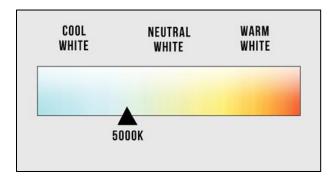
# **SKU Number 153509 Specifications**

| Parameter     | Description           | Value  |
|---------------|-----------------------|--|
| General       | Model #               | BLT-S-GB-300WXYZA5-abcdefgh  |
| Performance   | Wattage               | 300W   |
|               | Lumen                 | Up to 51000LM  |
|               | Lumen Efficacy        | Up to 180LM/W  |
|               | Color Temperature     | 5000K  |
|               | CRI (Ra)              | >70  |
|               | Beam Angle            | 140 * 100 Degree   |
|               | Distribution Pattern  | Type III   |
| Electrical    | Input Voltage         | 120-277Vac   |
|               | Frequency             | 50/60Hz  |
|               | Dimming               | 0-10V dimming standard   |
|               | PF                    | ≥0.9   |
|               | Driver                | Non-Isolated   |
|               | Surge Protector       | 10KV   |
| Physical      | Operating Temperature | -40°C TO 45°C  |
|               | Storage Temperature   | -40°C TO 80°C  |
|               | Operating Humidity    | 20% - 90% RH   |
|               | Storage Humidity      | 10% - 95% RH   |
|               | LED Brand             | Bridgelux  |
|               | LED Type              | 3030   |
|               | LED QTY               | 608PCS   |
|               | Housing               | Aluminium  |
|               | Housing Color         | Bronze   |
| Qualification | IP Rating             | IP65   |
|               | Warranty              | 5 years warranty with 24/7 operating hours<br>Luminaire lifetime at 25°C |



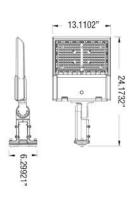


# **Correlated Color Temperature (CCT)**

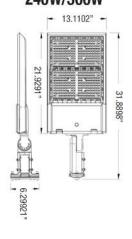


### **Dimensions**

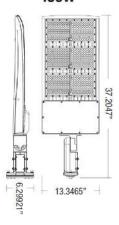
# 150W



# Universal Mount 240W/300W

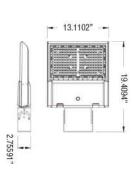


#### 450W

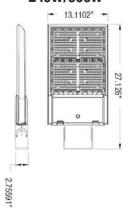


#### **Yoke Mount**

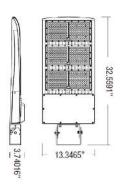
#### 150W



#### 240W/300W



#### 450W

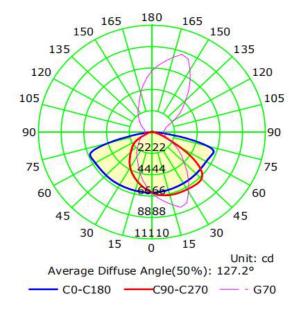






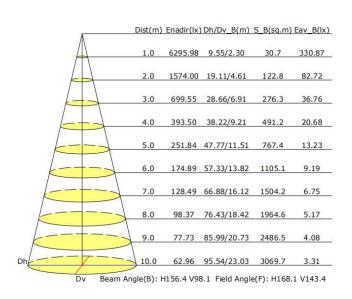
#### **Photometric Data for SKU Number 153505**

### **Luminous Intensity Distribution Curve**





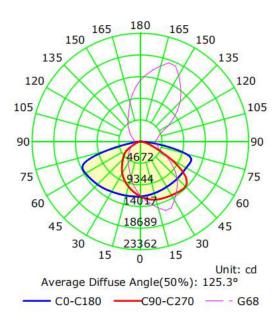
### Illuminance at a Distance





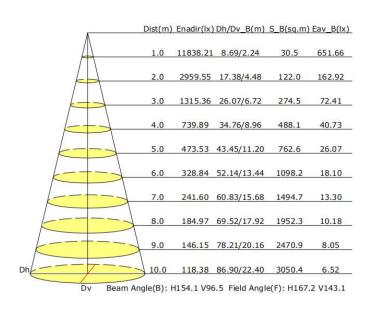
#### **Photometric Data for SKU Number 153507**

### **Luminous Intensity Distribution Curve**





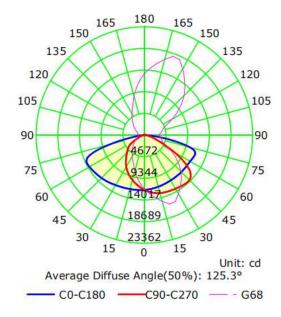
### Illuminance at a Distance





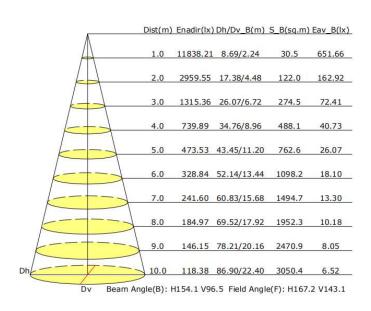
#### **Photometric Data for SKU Number 153509**

### **Luminous Intensity Distribution Curve**



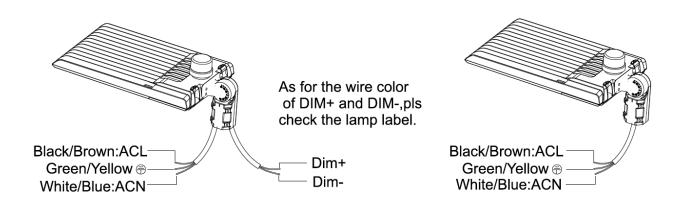


### Illuminance at a Distance





### **Wiring Diagram**

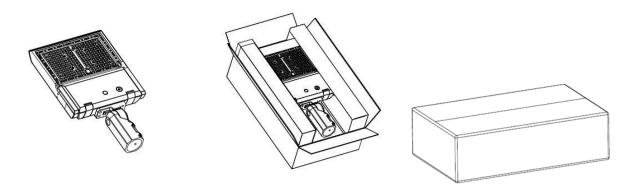


## Packaging Info for SKU # 153500



| Bracket Type    | Carton Size             | Qty/Box | N.W./Box  | G.W./Box  |
|-----------------|-------------------------|---------|-----------|-----------|
| Yoke Mount      | 25.60 X 15.16 X 6.10 in | 1 PC    | 14.33 lbs | 16.53 lbs |
| Universal Mount | 25.60 X 15.16 X 6.10 in | 1 PC    | 15.00 lbs | 17.20 lbs |

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.





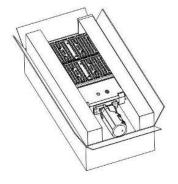
# Packaging Info for SKU # 153507 & 153509

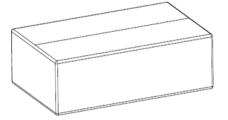
| Bracket Type           | Carton Size             | Qty/Box | N.W./Box  | G.W./Box  |
|------------------------|-------------------------|---------|-----------|-----------|
| Yoke Mount             | 33.07 X 15.16 X 6.10 in | 1 PC    | 20.50 lbs | 23.28 lbs |
| <b>Universal Mount</b> | 33.07 X 15.16 X 6.10 in | 1 PC    | 21.16 lbs | 24.00 lbs |

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.











# **Application**

Factory floor, libraries, square, park, Supermarkets, railway stations, exhibition hall; Convention and exhibition center, warehouse; Advertising lighting, etc.













### **Safety Precautions**

To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels. Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions. Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

#### WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply. Turn off the power when you perform any maintenance. Verify that supply voltage is correct by comparing it with the luminaire label information. Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements. All wiring connections should be capped with UL approved wire connectors.

#### **CAUTION: RISK OF INJURY**

Avoid direct eye exposure to the light source while it is on.

Account for small parts and destroy packing material, as these may be hazardous to children.

#### Warranty

5 Years Warranty

