



# ZOHO 4th Gen

## LED Area Light



### ZOHO 4th Gen

Our best selling ZOHO Area light, with over 200,000 pieces sold in the last three years, Beyond LED Technology's New ZOHO 4th Gen Area light is improved and the most unique and revolutionary product of 2021. Our ZOHO 4th Gen offers high efficacy, with up to 180 lumens per watt for maximum power savings, and rebates from power companies. Our ZOHO 4th Gen Area Lights have a new heat sink design that ensures that the light stays cool and extends its life. This Area light is a perfect solution for lighting parking areas, loading docks, and other general lighting applications.

- High Efficacy Bridgelux Chips
- Ultra thin sleek design
- Up to 180 lumens per watt
- Optional 3 pin Screw-in photocell
- Built-in 10KV Surge protector
- Several bracket options
- Heat resistant polycarbonate optical lens
- Die Cast Aluminum housing
- Available in Black or Bronze Housing
- Universal 100-277Vac / 480Vac optional
- UL & DLC Approved

# ZOHO 4th Gen LED Area Light

SKU #	Model #	Housing	Watts	Lumens	CCT	IP	Input Voltage	Certifications
151785	BLT-S-GB-150WXYZB3-BHbcdefg	Black	150W	25500Lm	5000K	IP65	100-277Vac	UL & DLC
151787	BLT-S-GB-150WXYZB3-BRbcdefg	Bronze	150W	25500Lm	5000K	IP65	100-277Vac	UL & DLC
152581	BLT-S-GB-240WXYZB3-BRbcdefg	Bronze	240W	40800Lm	5000K	IP65	100-277Vac	UL & DLC
151786	BLT-S-GB-300WXYZB3-BHbcdefg	Black	300W	51000Lm	5000K	IP65	100-277Vac	UL & DLC
151788	BLT-S-GB-300WXYZB3-BRbcdefg	Bronze	300W	51000Lm	5000K	IP65	100-277Vac	UL & DLC
151695	BLT-S-G07-450WXYB1-BRbcdef	Bronze	450W	54000Lm	5000K	IP65	100-277Vac	UL & DLC
151592	Universal Mount					Black		
152378	Universal Mount					Bronze		
151593	Yoke Mount					Black		
152379	Yoke Mount					Bronze		

ZOHO 4th Gen Series is compatible with Black Slip Fitter Mount 151632 and Black Straight Arm Mount 151633

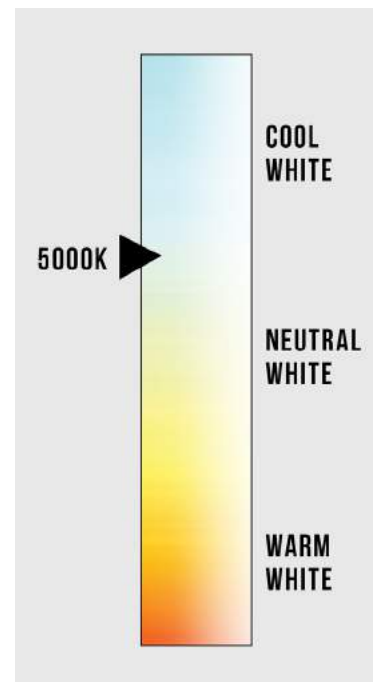
## Specifications

Color temperature	5000K
CRI	>70
Lumen	25500Lm   40800Lm   51000Lm   56250Lm
Lumen Efficacy	180 Lm/W   180 Lm/W   180 Lm/W   125 Lm/W
Input Power	150W   240W   300W   450W
Standard Viewing Angle	140X100°(Typell)   140X100°(Typell)   140X100°(Typell)   150X85°(Typell)
Input Voltage	120-277Vac 50/60Hz   120-277Vac 50/60Hz   120-277Vac 50/60Hz   100-277Vac 50/60Hz
PF	>0.9
Waterproof Rating	IP65

LED Brand	Bridgelux
LED Type	3030
LED QTY	304Pcs   532Pcs   608Pcs   418Pcs
Housing	Aluminum
Optional Accessory	Optional 3 pin Screw-in photocell
Housing color	Black or Bronze

Operating Temperature	-40°F to 113°F
Operating Humidity	20% - 90% RH
Storage Temperature	-40°F to 176°F
Storage Humidity	10% - 95%
Application	Outdoor / Indoor
Safety Certification	UL, cUL
Warranty Time	5 Years

## CORRELATED COLOR TEMPERATURE (CCT)

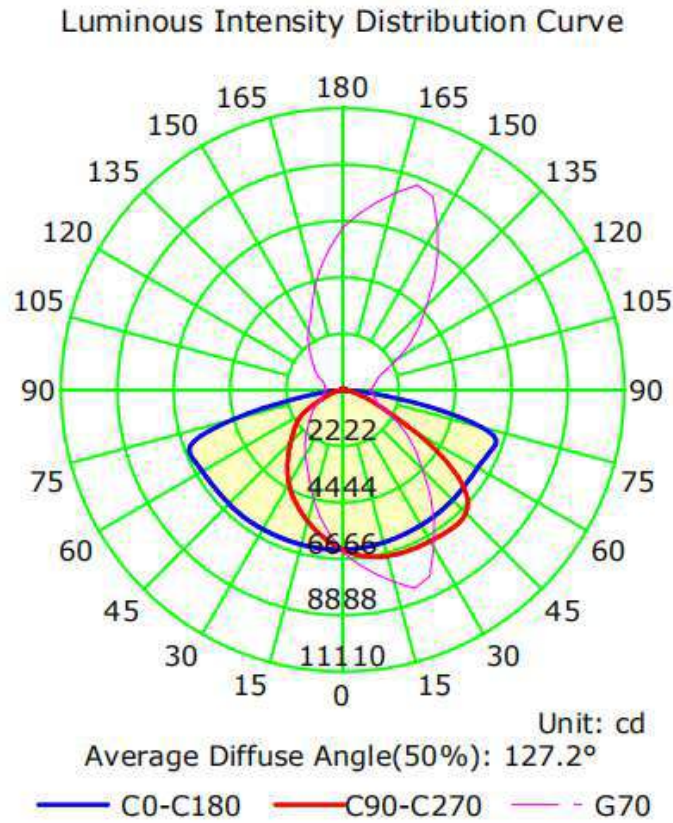


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Due to continuous product improvement, information in this document is subject to change.

# ZOHO 4th Gen LED Area Light

## 150W Distribution Diagram



Luminaire Manufacturer:  
Voltage: 120.2 V  
Power: 153.10 W

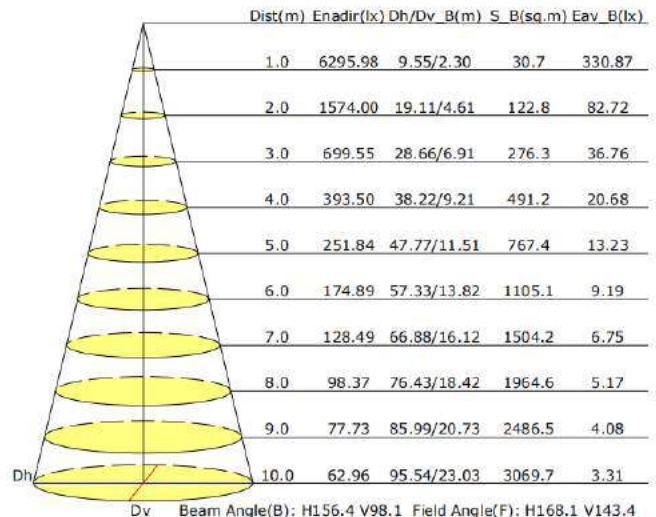
### Photometric Results

IES Classification: Type III  
Total Rated Lamp Lumens: 25178.7 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 6295.98 cd  
Pos of Max. Intensity: H157.5 V70

Current: 1.276 A  
Power Factor: 0.998

Longitudinal Classification: Medium  
Measurement Flux: 25178.7 lm  
Downward Ratio: 99%  
Luminaire Efficacy Rating (LER): 164.51  
Max. Intensity: 8888.45 cd

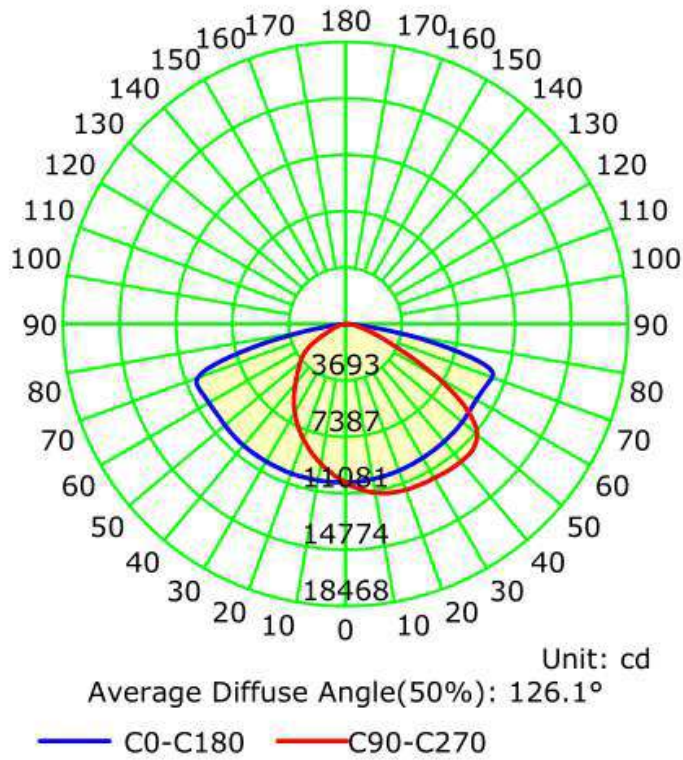
### Illuminance at a Distance(Beam Angle)



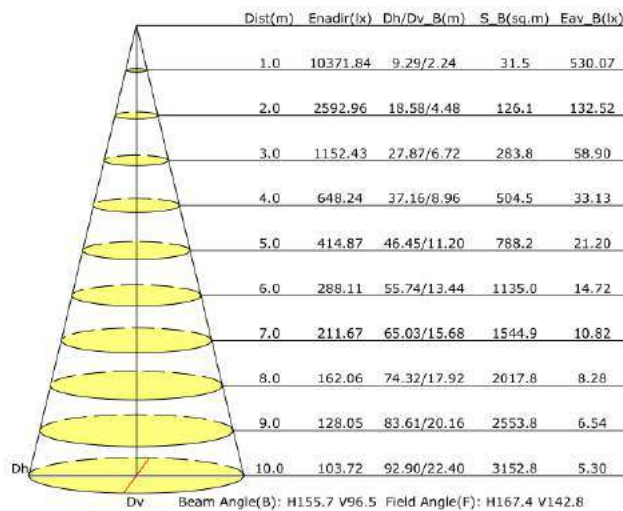
# ZOHO 4th Gen LED Area Light

## 240W Distribution Diagram

Luminous Intensity Distribution Curve



Illuminance at a Distance

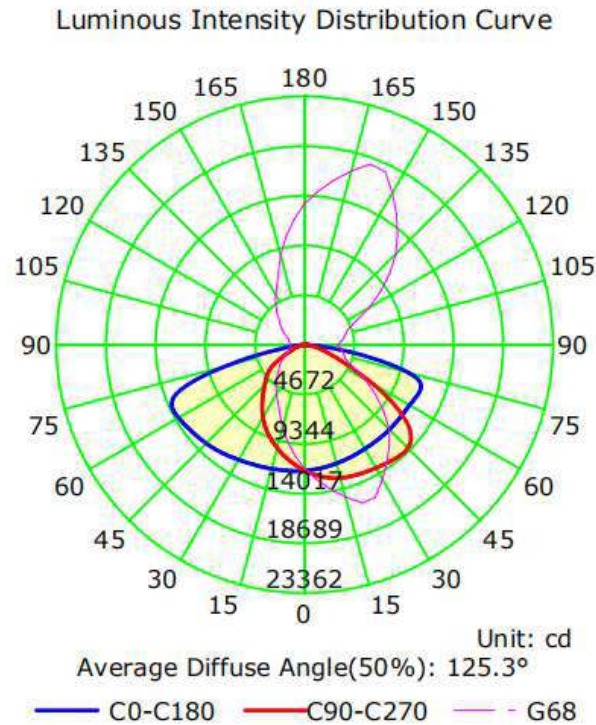




# ZOHO 4th Gen

## LED Area Light

### 300W Distribution Diagram



### Luminaire Property

Luminaire Manufacturer:  
Voltage: 120.7 V  
Power: 303.00 W

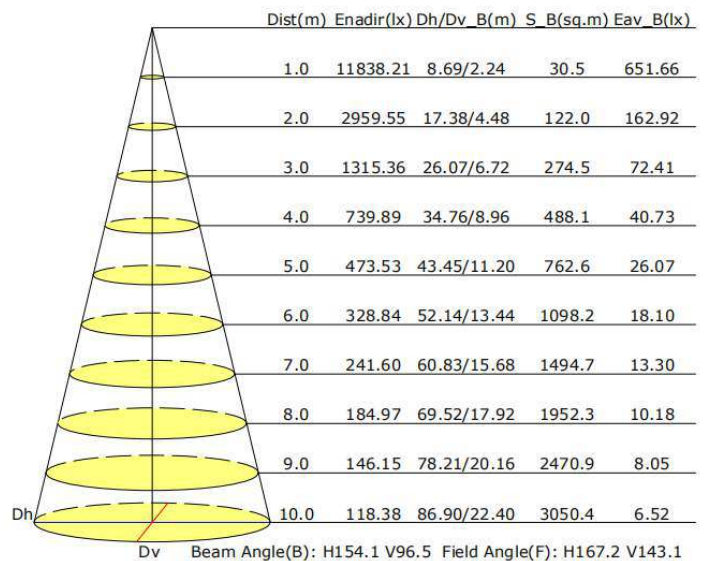
### Photometric Results

IES Classification: Type III  
Total Rated Lamp Lumens: 49132.1 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 11838.21 cd  
Pos of Max. Intensity: H157.5 V68

Current: 2.512 A  
Power Factor: 0.999

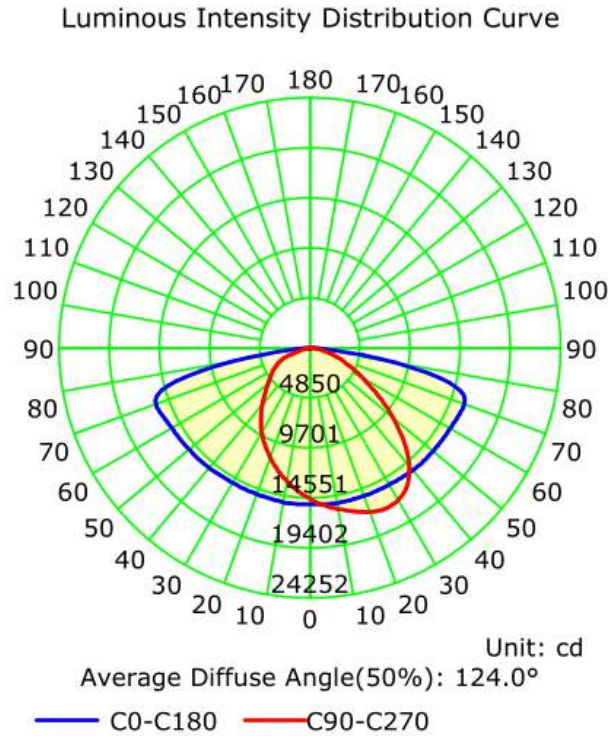
Longitudinal Classification: Medium  
Measurement Flux: 49132.1 lm  
Downward Ratio: 99%  
Luminaire Efficacy Rating (LER): 162.20  
Max. Intensity: 18689.78 cd

### Illuminance at a Distance(Beam Angle)



# ZOHO 4th Gen LED Area Light

## 450W Distribution Diagram



### Luminaire Property

Luminaire Manufacturer:  
Voltage: 120.3 V  
Power: 448.00 W

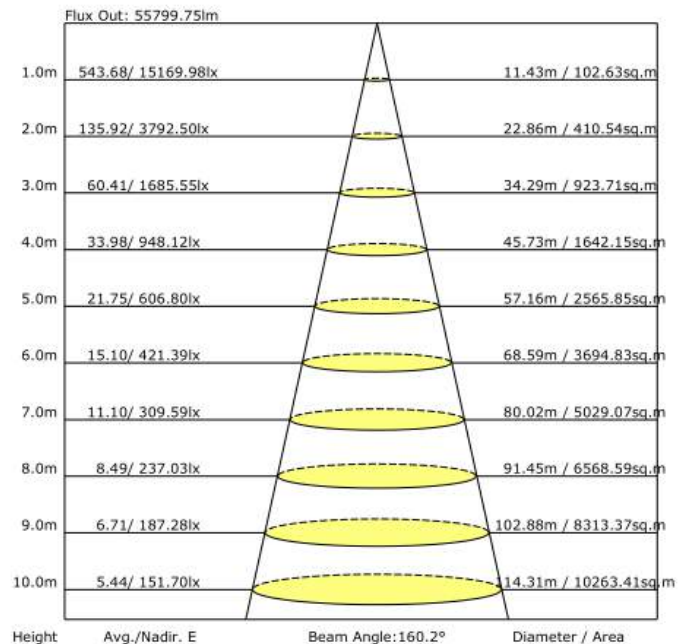
### Photometric Results

IES Classification: Type IV  
Total Rated Lamp Lumens: 57631.0 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 15169.98 cd  
Pos of Max. Intensity: H15 V72

Current: 3.742 A  
Power Factor: 0.995

Longitudinal Classification: Medium  
Measurement Flux: 57631 lm  
Downward Ratio: 99%  
Luminaire Efficacy Rating (LER): 128.69  
Max. Intensity: 19402.29 cd

### The Average Illuminance Effective Figure

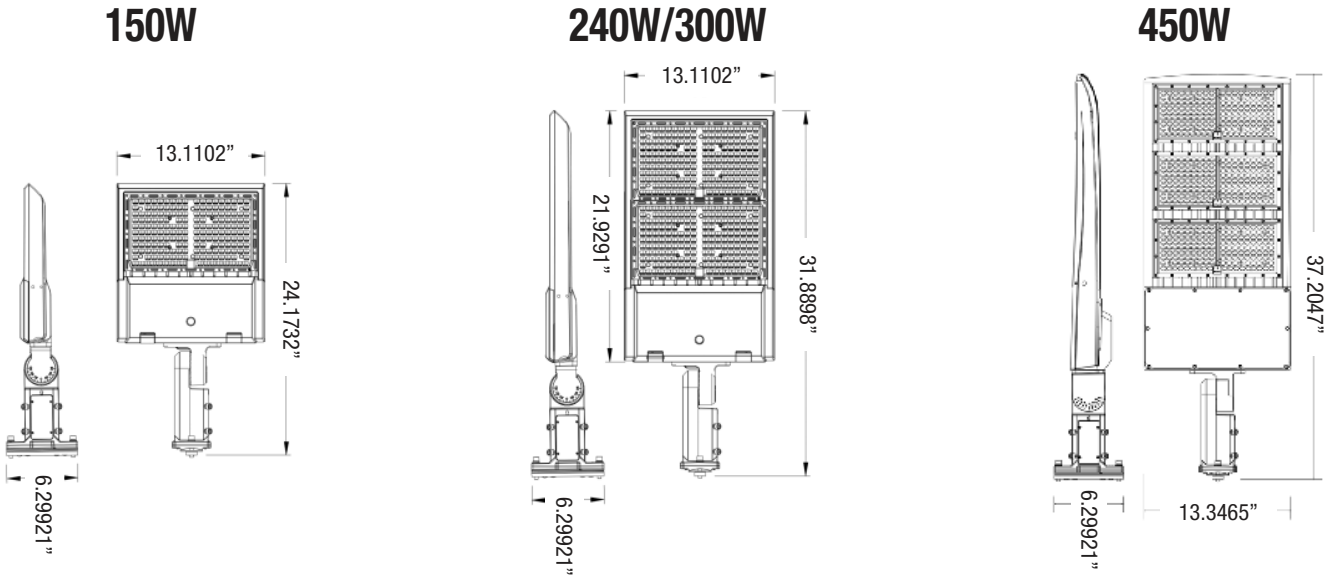


# ZOHO 4th Gen

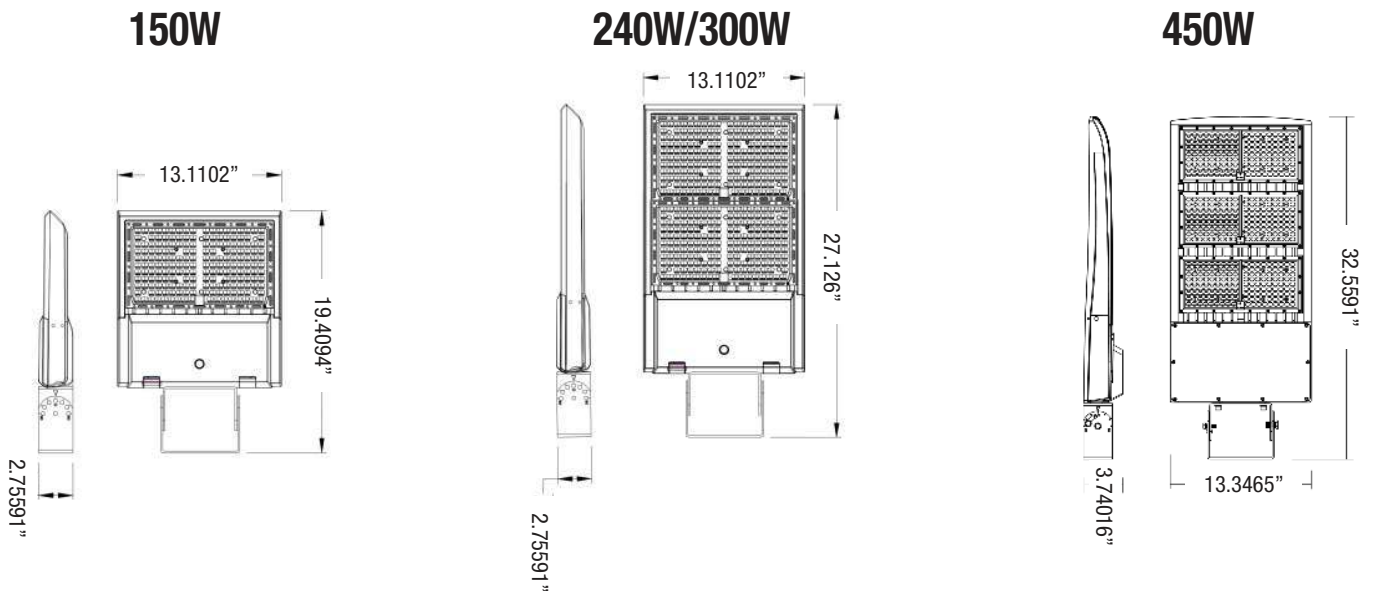
## LED Area Light

### Dimensions

#### Universal Mount



#### Yoke Mount



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## Packaging

Tolerance of Carton Size:  $\pm 0.590551$  in, Tolerance of Weight:  $\pm 10\%$ .

Model	Pcs/Box	Dimensions	Weight	Pallet Quantity	Pallet Weight	Pallet Dimensions
150W	1	20" X 16" X 7"	14 Lb			
240W	1	28" X 16" X 7"	21 Lb			
300W	1	28" X 16" X 7"	21 Lb			
450W	1					
Yoke Mount	1	10" X 5" X 5"	4 Lb			
Universal Mount	1	10" X 5" X 5"	6 Lb			



## User Notice

- Please turn off the power before installing or changing assembly parts.
- The input voltage and lamps should be matching. Before connecting the power line, please make sure the wiring section is insulated.
- Only professionals should install and disassemble the lamps.

## Trouble Shooting

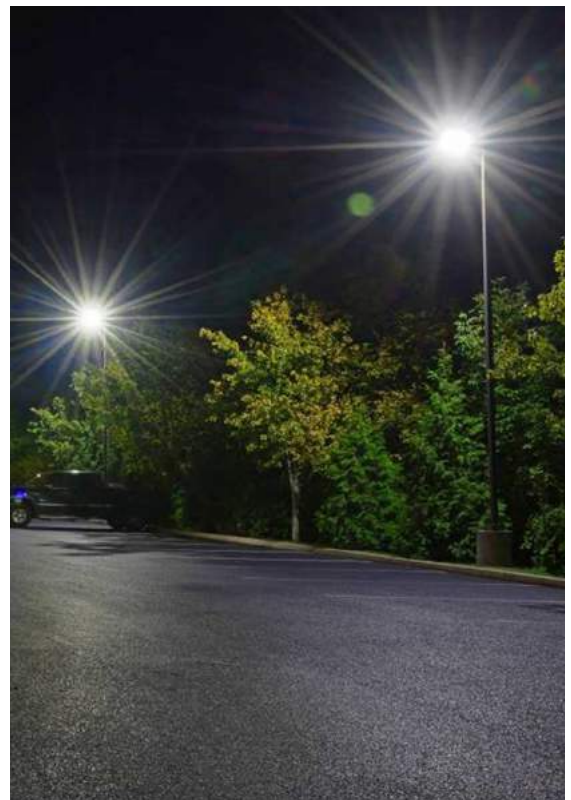
- Flickering light - Turn off the power and turn on again in 3 minutes. If the same phenomena occurs, then call Support.
- Not working - Please check all power connections.



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### Application



LED AREA LIGHTS