



ZOHO

CONTRACTOR-READY LED AREA LIGHT

Selectable wattage + adjustable CCT reduce SKU count and simplify jobsite decisions.



ZOHO Contractor-Ready LED Area Light is engineered for high-performance outdoor illumination in parking lots, roadways, campuses, and commercial properties. Featuring field-selectable wattage and adjustable CCT, ZOHO reduces inventory complexity while providing maximum on-site flexibility. With high-efficacy performance up to 165 lm/W, integrated 0–10V dimming, and a rugged die-cast aluminum housing, ZOHO delivers specification-grade performance with contractor-friendly installation.

PRODUCT FEATURES

- Field-Selectable Wattage (Multi-Power Configuration)
- Adjustable CCT (3000K / 4000K / 5000K)
- Up to 165 lm/W High-Efficiency Performance
- Type III Distribution (Standard)
- Universal Mounting Bracket Included
- 120–277V Models Available
- Lumileds LEDs for Consistent Output
- Integrated 0–10V Dimming Driver
- 10kV Surge Protection (Standard)
- IP65 Rated Die-Cast Aluminum Housing
- UL Listed
- DLC Qualified
- 5-Year Limited Warranty

CONTROLS & ACCESSORIES

- ANSI C136.10 3-Pin Twist-Lock Photocell Receptacle
- Shorting Cap Included
- Compatible with Standard Dusk-to-Dawn Photocells
- 0–10V Dimming via Internal Driver Leads
(Independent of Receptacle)
- Built-in Zhaga Z10 Sensor Receptacle

APPLICATION

- Parking Lots
- Roadways
- Campuses
- Commercial Properties
- Auto Dealerships
- General Area Lighting

ELECTRICAL SPECIFICATIONS

- Input Voltage 120–277V
- Dimming 0–10V
- Power Factor ≥ 0.90
- THD $\leq 20\%$
- Surge Protection 10kV
- Operating Temperature -40°C to 50°C

MECHANICAL SPECIFICATIONS

- Housing Die-Cast Aluminum
- Finish Bronze & Black
- Mounting Universal Adjustable Mount
- IP Rating IP65
- Lens Impact-Resistant Polycarbonate

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LED AREA LIGHT

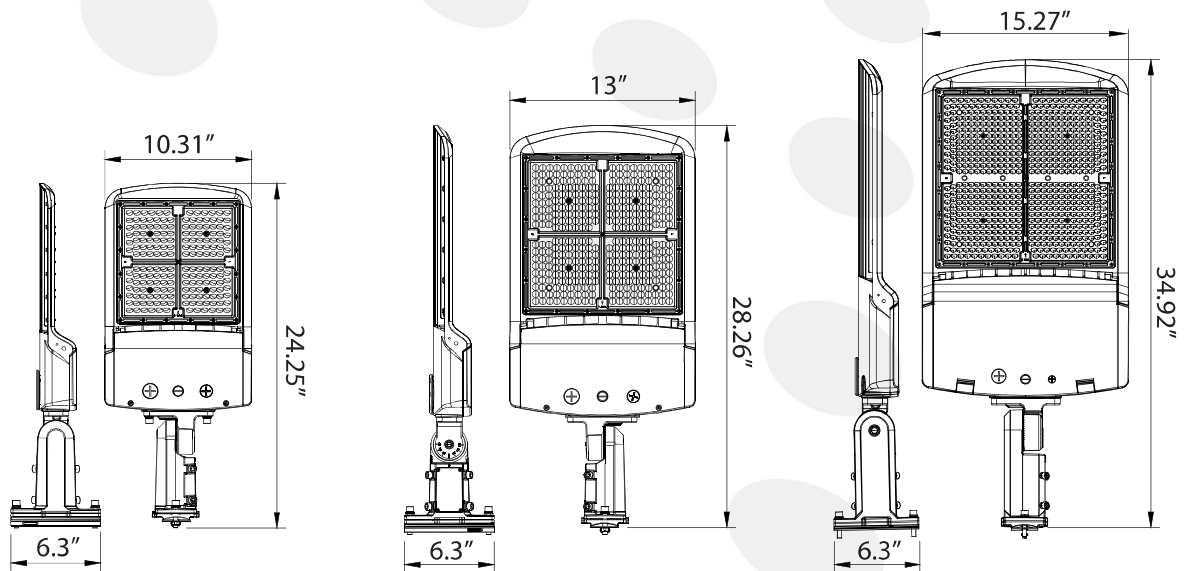


WHY CONTRACTORS CHOOSE ZOHO

- One Fixture Covers Multiple Wattages
- Reduces Inventory & Change Orders
- Adjustable CCT Adapts to Site Requirements
- Simplifies SKU Management for Distributors
- High Efficacy = Lower Operating Cost
- Surge Protection for Electrical Reliability
- Rugged Outdoor Construction for Long-Term Durability

CERTIFICATIONS & COMPLIANCE

- UL Listed
- DLC Qualified
- IP65 Rated



QUICK SPEC TABLE

SKU	MODEL NUMBER	ADJUSTABLE WATT	MAX LUMENS	ADJ CCT	INPUT VOLTAGE	DISTRIBUTION	SENSOR BASE	DIMMING	HOUSING	IP RATING	CERTIFICATIONS
157274	AST-S-G12C-150WBT3D A1-BR10SP30/40/50W	100W/120W/ 150W	24000	3K/4K/ 5K	120-277V	Type III	Yes	0-10V	Bronze	IP65	UL & DLC
157275	AST-S-G12C-150WBT3D A1-BH10SP30/40/50W	100W/120W/ 150W	24000	3K/4K/ 5K	120-277V	Type III	Yes	0-10V	Black	IP65	UL & DLC
157276	AST-S-G12C-300WBT3D A1-BR10SP30/40/50W	200W/240W/ 300W	48000	3K/4K/ 5K	120-277V	Type III	Yes	0-10V	Bronze	IP65	UL & DLC
157277	AST-S-G12C-300WBT3D A1-BH10SP30/40/50W	200W/240W/ 300W	48000	3K/4K/ 5K	120-277V	Type III	Yes	0-10V	Black	IP65	UL & DLC
157283	AST-S-G12C-480WBT3D A1-BR10SP30/40/50W	300/350/400/ 450/480W	77760	3K/4K/ 5K	120-277V	Type III	Yes	0-10V	Bronze	IP65	UL & DLC



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Optional Accessories



Photocell
SKU: 110786

Photometric Data

150 Watt

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.265 A
Power Factor: 0.999

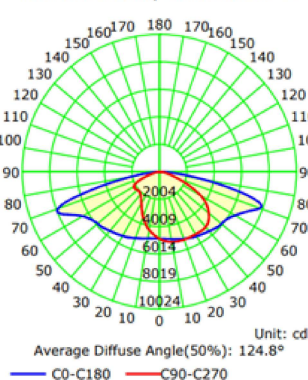
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 151.66 W

Photometric Results

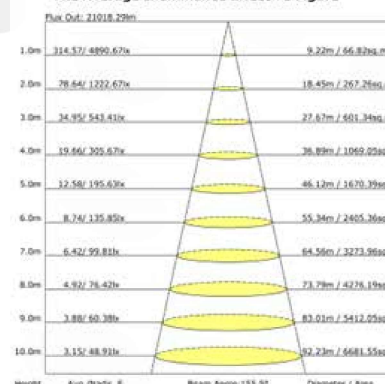
IES Classification: Type III
Total Rated Lamp Lumens: 22074,1 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 4890,67 cd
Pos of Max. Intensity: H180 V69
Beam Angle (C0/C180, C90/C270, C45/C225, C135/315): 155,5, 94,1, 132,3, 135,1

Longitudinal Classification: Medium
Measurement Flux: 22074,1 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 145,60
Max. Intensity: 8019,7 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



300 Watt

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.496 A
Power Factor: 0.995

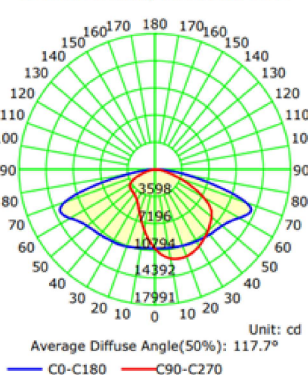
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 298,04 W

Photometric Results

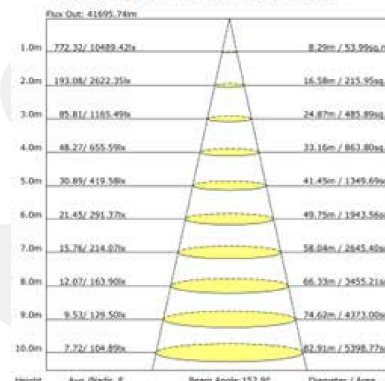
IES Classification: Type III
Total Rated Lamp Lumens: 43981.9 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 10489.42 cd
Pos of Max. Intensity: H15 V67
Beam Angle (C0/C180, C90/C270, C45/C225, C135/315): 152,9, 82,5, 110,0, 134,0

Longitudinal Classification: Medium
Measurement Flux: 43981.9 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 147,62
Max. Intensity: 14392.92 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



480 Watt

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 4.073 A
Power Factor: 0.999

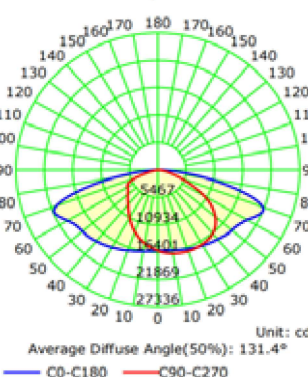
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 488.33 W

Photometric Results

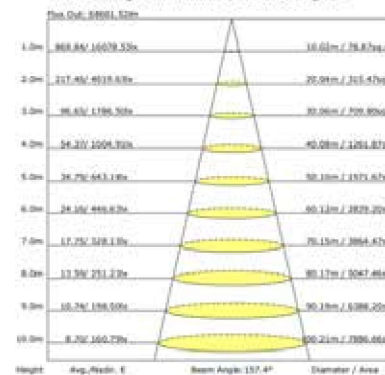
IES Classification: Type III
Total Rated Lamp Lumens: 71691,7 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 16078.53 cd
Pos of Max. Intensity: H0 V68
Beam Angle (C0/C180, C90/C270, C45/C225, C135/315): 157,4, 105,3, 137,2, 135,4

Longitudinal Classification: Medium
Measurement Flux: 71691,7 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 146,86
Max. Intensity: 21869,17 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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Installation

IMPORTANT SAFETY INFORMATION

- Installation must be performed by a qualified licensed electrician
- Disconnect power before installation or servicing
- Verify supply voltage matches fixture rating
- Use minimum 75°C rated supply conductors
- Follow all applicable national and local electrical codes

GENERAL INSTALLATION NOTES

- Suitable for outdoor use
- Do not energize fixture until all wiring connections are secured
- Do not use portable generators for fixture testing
- Inspect fixture for damage before installation
- Ensure mounting surface is structurally secure

WIRING INSTRUCTIONS

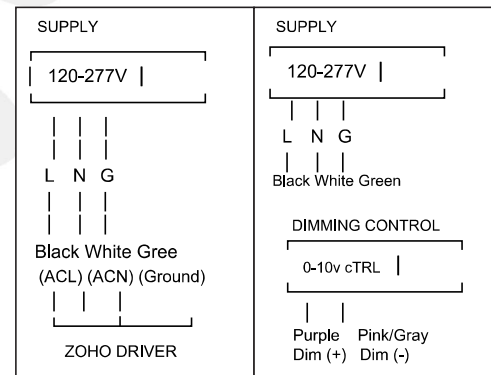
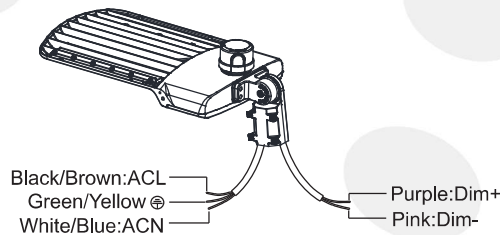
Line Connections

- Black (Brown) – Line (ACL)
- White (Blue) – Neutral (ACN)
- Green (Yellow) – Ground

DIMMING

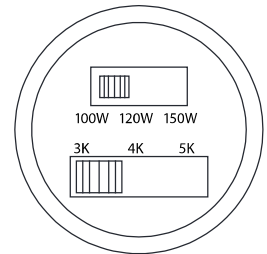
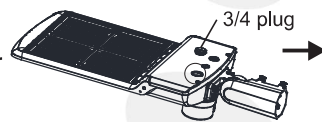
0–10V Dimming Leads

- Purple – Dim (+)
- Pink (or Gray) – Dim (–)



CCT & WATTAGE ADJUSTMENT

- Remove the 3/4" adjustment plug
- Set the desired wattage and/or CCT using the internal selector switch according to the label
- Reinstall and tighten the 3/4" plug securely before energizing
- Adjustment must be completed prior to installation height mounting



PHOTOCELL INSTALLATION (IF EQUIPPED)

- Fixture includes ANSI C136.10 3-pin twist-lock receptacle
- Install compatible dusk-to-dawn photocell
- Ensure proper orientation (North-facing recommended)
- Shorting cap provided for non-photocell operation



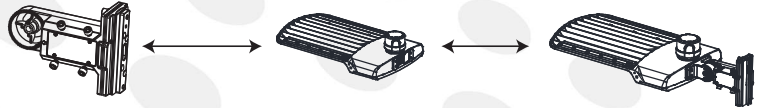
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Installation

UNIVERSAL MOUNTING BRACKET INSTALLATION

Remove mounting screws from fixture bracket plate
Route supply conductors through bracket
Secure bracket to pole or wall surface
Attach fixture to bracket and tighten hardware
Adjust angle as required and lock securely



FINAL CHECK

- Confirm all connections are secure
- Verify voltage
- Ensure adjustment plug is tightened
- Energize circuit
- Confirm proper operation

Packaging

SKU#	Box Dimension	Qty	Net Weight	Gross Weight
157274	24.61" x 12.20" x 5.63"	1 PC/Box	9.03 LBS	11.46 LBS
157275	24.61" x 12.20" x 5.63"	1 PC/Box	9.03 LBS	11.46 LBS
157276	29.13" x 14.96" x 5.63"	1 PC/Box	11.90 LBS	14.99 LBS
157277	29.13" x 14.96" x 5.63"	1 PC/Box	11.90 LBS	14.99 LBS
157283	34.84" x 17.64" x 6.22"	1 PC/Box	24.96 LBS	27.99 LBS

Warranty

- 5 Years warranty

<https://beyondledtechnology.com/pages/terms-and-conditions>