

CONTRACTOR XP



(Images are shown for illustration purposes only)

Project:
Product #:
Type:

KEY FEATURES

- Long lasting roadway light.
- Photocell included.
- Long lifespans.
- No color shift



SPECIFICATIONS

Housing

Heavy-duty cast aluminum housing, sealed.

Ambient Temperature

Suitable for use in -40° C to 40° C (-40° F to 104° F).

Finish

Exterior parts are protected by coat finish which provides superior resistance to corrosion and weathering.

Mounting

Tenon mount. Fits on 1 5/8" OD to 2-3/8" OD pole.

Surge Protection

10KA (120-277), 20KA (347-480).

EPA

EPA Rating: 0.4567

Lumen Output

9,900 / 14,600 Lm / 19,800 Lm.

CCT and CRI

4000K and 5000K available - 70 CRI

Lifespan

L70 > 80,000 hours @ 25°C.

Warranty

5-year limited warranty. Comprehensive warranty terms can be located on www.slgus.com.

Electrical

Standard voltage 120-277V. HVU 347-480V. 0-10V dimming driver standard. PF > 0.9, THD < 20%.

Certifications

UL Listed for wet locations. IP66 rated. Design Lights Consortium® (DLC) 5.1 Premium qualified product pending.

ORDERING GUIDE

Example: **AR 150 T3 G2 50K**

Fixture Type	Lumen Output	Distribution	Generation	Voltage	Photocell*	CCT	Finish
• AR LED Roadway	<ul style="list-style-type: none"> • 100 9,900 Lm / 70 W • 150 14,600 Lm / 105 W • 200 19,800 Lm / 150 W 	<ul style="list-style-type: none"> • T2 Type II Distribution • T3 Type III Distribution • T4** Type IV Distribution <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 5px auto;">T2/T4 only available for 70W model.</div>	• G2 Second Generation	<ul style="list-style-type: none"> • BLANK 120-277V • HVU 347-480 V <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 5px auto;">HVU Option only available for 150W model.</div>	• BLANK Photocell included in box.	<ul style="list-style-type: none"> • 3K** 3000K • 4K 4000K • 5K 5000K 	<ul style="list-style-type: none"> • BLANK Silver gray • DB** Dark Bronze • B** Black • W** White

*70W and 105W models ship with low voltage plug-in photocell. 150W ships with twist-lock photocell and shunting cap (120-277V or 347-480V depending on fixture voltage.)

**These options are special order only and require MOQ and possible advanced lead times.

For stocking opportunities please reach out to your local SLG Lighting rep or contact sales@slgus.com.

Leadtimes may vary based on current inventory levels - always consult your local SLG Lighting rep for leadtimes and project needs.

ACCESSORIES

Sensors
<ul style="list-style-type: none"> • MS-ACI-01*** Motion Sensor • L3 20' Max Lens • L7 40' Max Lens • RM51 Remote for MS-ACI-01



Input Voltage
AC120-277V

Frequency
50/60Hz

Input Current
6A Max @ 120V,
2.5A Max @ 277V

Input Power
700W Max

Output Voltage
AC120-277V

Output Current
6A Max @ 120V, 2.5A
Max @ 277V

Output Power
700W Max

Sinking Current
10mA Max

Mounting Height
20-40 ft

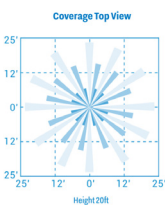
Dimming
0-10V DC 10mA Max

Detection Range
32 - 80 ft

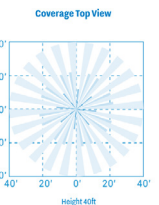
Operating Temperature
-30°C to 65°C (-22°F to
149°F)

Warranty
5 Year warranty

Lens: MSB-13-L3



Lens: MSB-13-L7



***Sensor not compatible with 347-480V model.

Accessories shown are generally stocked items, for additional accessories questions and options please contact your local SLG Lighting rep or email sales@slgus.com.

PERFORMANCE INFORMATION

Series Number	Voltage	Wattage	Dist.	Lumens (4000K)	Efficacy	Lumens (5000K)	Efficacy
AR 100	120-277V	70 W	Type III	9,900 Lm	141 Lm/W	9,900 Lm	141 Lm/W
AR 150	120-277V	105 W	Type III	14,600 Lm	139 Lm/W	14,600 Lm	139 Lm/W
AR 200	120-277V / 347-480V	150 W	Type III	19,800 Lm	132 Lm/W	20,000 Lm	133 Lm/W

Performance data based on vigorous, industry standard testing and has been verified by lab results.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

DIMENSIONS

AR 100/150 - Medium

AR 200 - Large

Housing Adjustment

Horizontal angle can be adjusted in 2.5° steps, ±5°

PHOTOMETRIC

Type 2 Distribution

Type 2

Type 3 Distribution

Type 3

Type 4* Distribution

Type 4*

**This option are special order only and require MOQ and possible advanced lead times.*

ELECTRICAL LOAD

Series Number	Wattage	120V	208V	240V	277V
AR 100	70 W	0.58	0.34	0.29	0.25
AR 150	105 W	0.88	0.50	0.44	0.38
AR 200	150 W	1.25	0.72	0.63	0.54

Series Number	Wattage	347V	480 V
AR 200 HVU	150 W	0.43	0.31

PHOTOCELL

70W and 105W models (Low voltage, Zhaga photocell)

150W models (120-277V or 347-480 photocell and shorting cap).

PC-1 Photocell (120-277V), PC-2 Photocell (347-480V)

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