

DDAL-SW Series

LED Dusk-to-Dawn Area Light Specifications

Project _____

Date _____ Type _____



Available Models¹

Brown Finish

☐ DDAL-SW3B60W-BR3NPT5-AM50S

Grey Finish

☐ DDAL-SW3B60W-SL3NPT5-AM50S

Part Number Breakdown

Example: DDAL-SW3B60W-SL3NPT5-AM50S

Family	Color Temperature	Wattage	Finish	Photocell	Light Distribution	Mounting
DDAL	SW3B [selectable, 3000K / 4000K / 5000K]	60W [selectable, 29 W / 40 W / 60 W]	BR [brown] or SL [grey]	3NP [included JL-207C photocell]	T5 [T5 distribution]	AM50S [wall or pole mounting]



Description

DDAL-SW series area lights combine classic style with improved LED efficiency and selectable performance. Selectable CCT and wattage options can be set to match existing lights and/or client preferences. The included photocell provides automatic dusk-to-dawn operation, reducing energy usage and eliminating maintenance costs. Integrated mounting flange easily mounts to surfaces or light can be pole mounted using provided hardware (pole sold separately). Rugged construction is built to withstand outdoor use, such as barn exteriors, secondary streets, and commercial shop yards.

Application

Easily replaces conventional mercury vapor and high-pressure sodium area lights found in alleyways, commercial shop yards, parking lots, secondary, rural, residential, and service streets, security lighting, pole barns, and other general area lighting applications.

Warranty

Five (5) Year Warranty

Certifications and Compliances

These lights are UL Listed in compliance with UL 1598 (IFAM).



Mechanical

- Aluminum body with integrated mounting flange for surface mounting and included hardware for pole mounting
- Polycarbonate drop lens
- Grey or brown powder-coated finish available
- Slimmer form factor and zero maintenance compared to mercury vapor or high-pressure sodium fixtures
- Compatible with 14" mounting arm (sold separately)
- IP65 rated
- Operating temperature of -40°-122° F (-40°-50° C)

Electrical

- 120-277 VAC input
- Selectable wattage (29 W / 40 W / 60 W)
- Includes JL-207C photocell for dusk-to-dawn operation
- Shorting cap (sold separately) is available for constant-on operation
- 1-10 V dimmable
- ≥0.9 power factor
- 50,000 hours (L70) lifespan

Photometrics

- Selectable CCT (3000K / 4000K / 5000K)
- 135-140 lm/W (3000K-5000K)
- Type V distribution (140° x 140°)
- Maximum lumen range of 8100-8400 at 60 W setting
- Better range, efficiency, and brightness than conventional mercury vapor or high-pressure sodium fixtures

¹Contact customer service if interested in options other than those listed.



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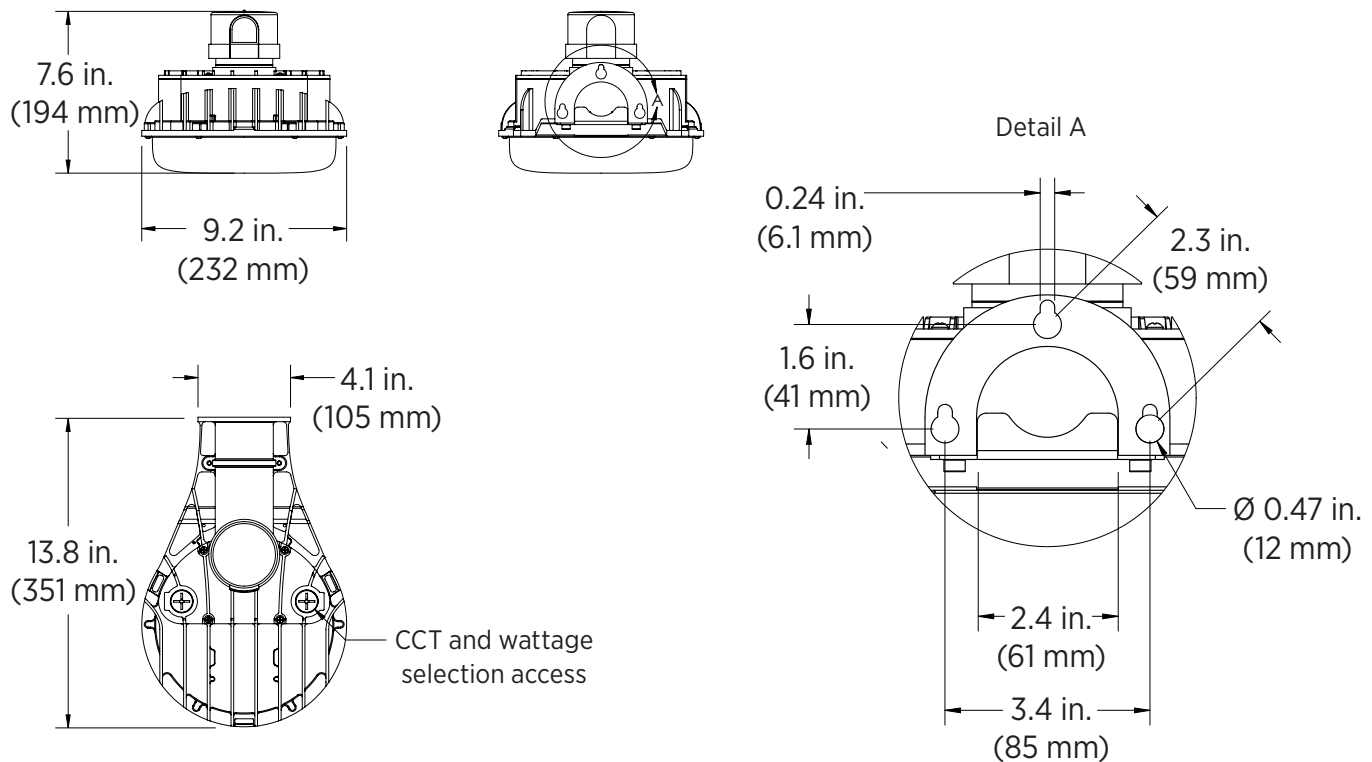
Specifications are subject to change without notice.

Printed in the U.S.A.

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Dimensional Drawing



Specifications

Model	DDAL-SW3B60W-BR3NPT5-AM50S	DDAL-SW3B60W-SL3NPT5-AM50S
Intensity (varies by selected wattage and CCT)	3,915–4,060 lm (29 W) / 5,400–5,600 lm (40 W) / 8,100–8,400 lm (60 W)	
Operating Voltage	120–277 VAC	
Wattage (selectable)	29 W / 40 W / 60 W	
Current Draw (varies by selected wattage)	242 mA / 333 mA / 500 mA @ 120 VAC / 105 mA / 144 mA / 217 mA @ 277 VAC	
Efficacy	135–140 lm/W	
Color Temperature (selectable)	3000K / 4000K / 5000K	
Beam Angle	140° x 140° (Type V distribution)	
CRI	70+	
Dimming	1–10 V	
IP Rating	IP65	
Ambient Operating Temperature	-40°–122° F (-40°–50° C)	
Finish	brown (Pantone 412 C)	grey (Pantone 7 C)
Product Weight	5.4 lb (2.45 kg)	
Rated Life (L70)	50,000 hours	
Photocell Operation	turns light on below 16 lx and off when ambient light goes back above 24 lx	

