DDAL-SW3B Series

LED Dusk-to-Dawn Area Light Specifications

Project_____

Date_____Type_____

Voltage 120–277 VAC | Selectable Wattage | Selectable CCT | IP65 | 5-Year Warranty

Available Models[1]

- ☐ DDAL-SW3B35
- ☐ DDAL-SW3B52

Part Number Breakdown

Example: DDAL-SW3B35

Family	Color Temperature	Color Temperature	Wattage
DDAL	**SW** [selectable CCT and wattage]	**3B** [3000K / 4000K / 5000K]	**35** [35 W / 26 W / 18 W] **52** [52 W / 39 W / 26 W]

Description

DDAL-SW3B series area lights combine classic style with improved LED efficiency and customizable 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 applications, 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 Certified by UL in compliance with UL 1598 (IFAM). They are also DLC listed as DLC 5.1 Premium.

UL CERTIFIED | DLC LISTED PREMIUM

Mechanical

- Aluminum body with integrated mounting flange for surface mounting and included hardware for pole mounting
- Acrylic drop lens
- Gray powder-coated finish
- 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°–104° F (-40°–40° C)

Electrical

- 120–277 VAC input
- Selectable wattage (18 W / 26 W / 35 W), and (26 W / 39 W / 52 W)
- Includes photocell for dusk-to-dawn operation
- Shorting cap (sold separately) is available for constant-on or externally switched operation
- 0–10 V dimmable
- ≥0.9 power factor
- 50,000 hours (L70) lifespan

Photometrics

- Selectable CCT (3000K / 4000K / 5000K)
- 160+ lm/W
- Type V distribution
- Better range, efficiency, and brightness than conventional mercury vapor or high-pressure sodium fixtures

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

T 866.811.5550
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/industrial-led-lighting/

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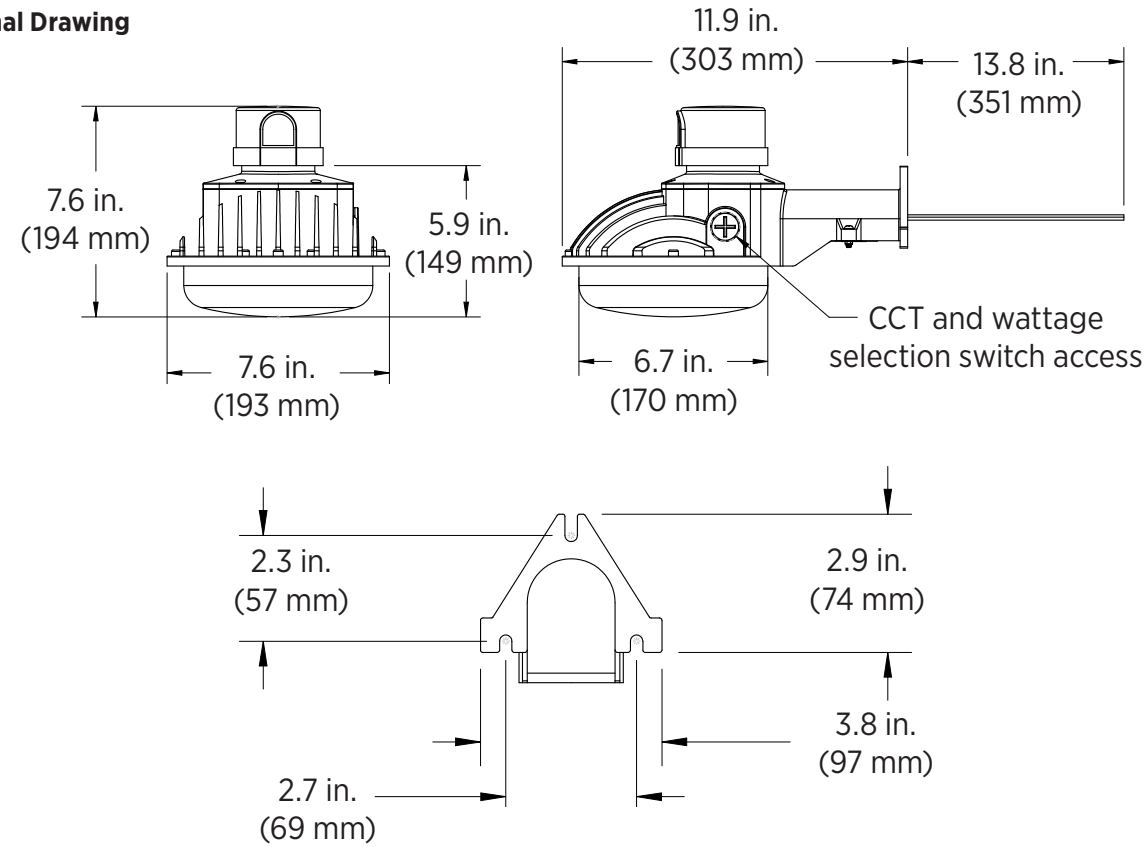
Dimensional Drawing



Specifications

Model	DDAL-SW3B35	DDAL-SW3B52
Intensity (varies by selected wattage and CCT)	5,600 lm (35 W) / 4,160 lm (26 W) / 2,880 lm (18 W)	8,580 lm (52 W) / 6,435 lm (39 W) / 4,290 lm (26 W)
Operating Voltage	120–277 VAC	
Wattage (selectable)	35 W / 26 W / 18 W	52 W / 39 W / 26 W
Current Draw (varies by selected wattage)	290 / 220 / 150 mA @ 120 VAC 130 / 94 / 65 mA @ 277 VAC	430 / 325 / 220 mA @ 120 VAC 190 / 140 / 94 mA @ 277 VAC
Efficacy	160 lm/W	165 lm/W
Color Temperature (selectable)	3000K / 4000K / 5000K	
Beam Angle	100°	
CRI	70+	
Dimming	0–10 V	
IP Rating	IP65	
Ambient Operating Temperature	-40°–104° F (-40°–40° C)	
Finish	gray, powder-coated	
Rated Life (L70)	50,000 hours	
Photocell Operation	turns light on below 10 lx and off when ambient light goes back above 60 lx	

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