

# Dialight



## DuroSite<sup>®</sup> LED Area Light Wildlife Friendly - UL

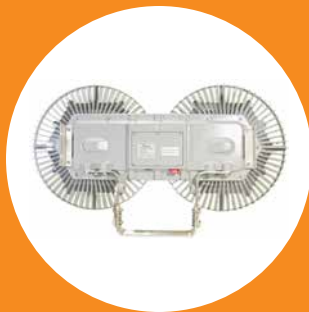
for Indoor and Outdoor Industrial Applications



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Products and solutions that protect your business







## Features & Benefits

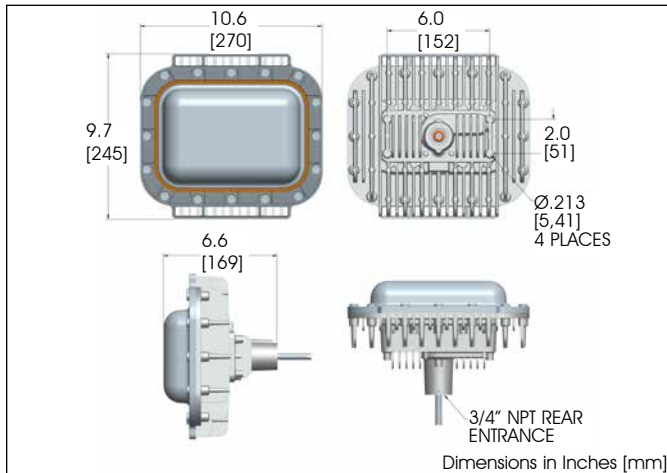
- 5 year full performance warranty
- Instant on/off operation
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed

## Application

This light incorporates both cutting edge LED technology along with proprietary optics to achieve area lighting comparable with other traditional light sources. The precise optics and wavelength of the Amber LEDs make this fixture ideal for wildlife specific applications. This fixture, with a peak wavelength of 590nm reduces attrition of turtles, fox, hawks, insects and other wildlife.

# DuroSite LED Area Light - Wildlife Friendly - UL

## Wildlife Friendly - Amber models



### Certifications & Ratings

- Florida Fish & Wildlife Conservation Commission certified
- UL 1598/A
- CSA 22.2
- IP66
- Nema 4X

### Mechanical Information:

- Fixture weight:** 10lb (4.5 kg)
- Shipping weight:** 12lb (5.44 kg)
- Mounting:** (1) Threaded 3/4" NPT rear
- Entries:** 10' (3.05m) STOOV Power Cord

### Electrical specifications:

- Operating Voltage:** 100 - 277V AC, 50/60 Hz
- Total system power consumption:** See table
- Operating Temp:** -40°F to +149°F (-40°C to +65°C)
- Harmonics:** IEC 61000-3-2
- Noise requirement /EMC:** FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
- Transient protection:** 1 kV line to line  
2 kV line to ground
- THD:** <20%
- Power Factor:** > 0.9

### Construction:

- Housing:** Copper free aluminum
- Finish:** Superior dual coat finish  
- sealed polyester topcoat  
- chemical resistant epoxy primer
- Lens:** Polycarbonate - UL1598/A - wet location

### Photometric Information:

- Peak Wavelength:** 590nm
- Optics:** 180° forward throw  
360° circular pattern

All values typical unless otherwise stated  
Lumen values are typical (tolerance +/- 10%)

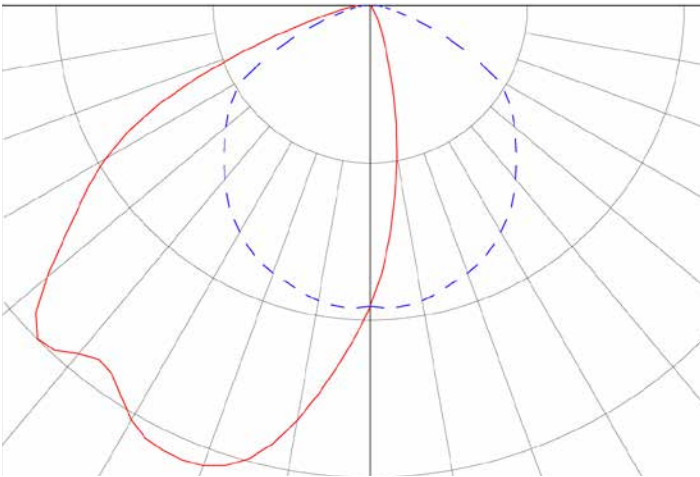
# DuroSite LED Area Light - Wildlife Friendly - UL

## Ordering Information and Light Distribution Patterns

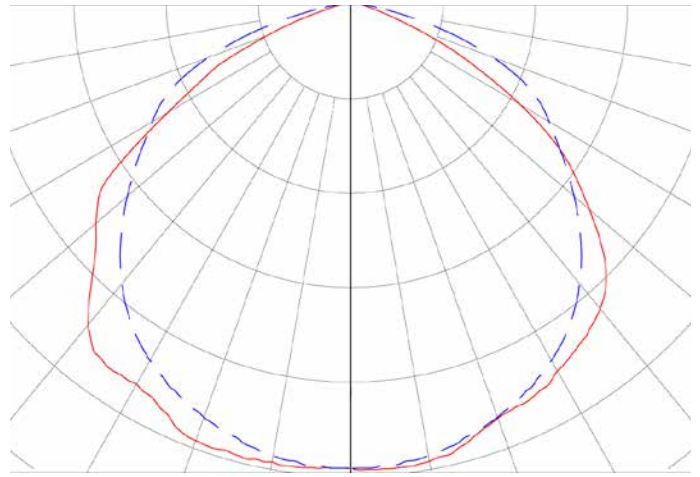
Part Number	Type	Fixture Lumen	Watt	LPW	Warranty	Voltage	CCT	Lens	Optical Pattern
UL 1598/A models									
STW8A2A	Amber	3,000	67	45	5yr	100 - 277 V AC	Amber	Polycarbonate	180
STW9A2A	Amber	3,000	67	45	5yr	100 - 277 V AC	Amber	Polycarbonate	360

Light Distribution Pattern

180° Pattern mounted at 45°



360° Pattern



# DuroSite LED Area Light - Wildlife Friendly - UL

## Mounting Accessories



**HZXSTAN100S**

- 1.00" (1.315" Pole OD) slip-fit stanchion mount junction box

**HZXSTAN125S**

- 1.25" (1.660" Pole OD) slip-fit stanchion mount junction box

**HZXSTAN150S**

- 1.50" (1.900" Pole OD) slip-fit stanchion mount junction box

**HZXSTAN200S**

- 2.00" (2.375" Pole OD) slip-fit stanchion mount junction box

**HZXSTAN100T**

- 1.00" (1.315" Pole OD) NPT threaded stanchion mount junction box

**HZXSTAN125T**

- 1.25" (1.660" Pole OD) NPT threaded stanchion mount junction box

**HZXSTAN150T**

- 1.50" (1.900" Pole OD) NPT threaded stanchion mount junction box

**HZXSTAN200T**

- 2.00" (2.375" Pole OD) NPT threaded stanchion mount junction box



**HZXW3**

- Stainless steel bracket

**HZXW7**

- Aluminum bracket



**HZXW4**

- Stainless steel bracket with pipe clamp

**HZXW8**

- Aluminum bracket with pipe clamp



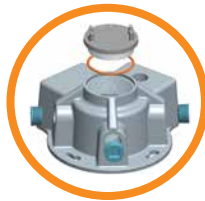
**HZXSAFEKIT**

- Safety cable kit



**HZXSAFETABS**

- Safety tabs



**HZXJB075**

- 0.75" Ceiling / wall / pole mount junction box

**HZXJB100**

- 1.00" Pole mount junction box

**HZXJB125**

- 1.25" Pole mount junction box

**HZXJB150**

- 1.50" Pole mount junction box



**HZXJB075PC1**

- 0.75" Junction box

**HZXJB100PC1**

- 1.00" Junction box

**HZXJB125PC1**

- 1.25" Junction box

**HZXJB150PC1**

- 1.50" Junction box



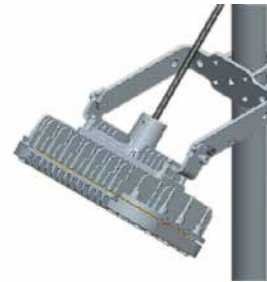
# DuroSite LED Area Light - Wildlife Friendly - UL

## Mounting Accessories

Conduit



Pipe Clamp



Stanchion



Retrofit Adapter



Junction Box

