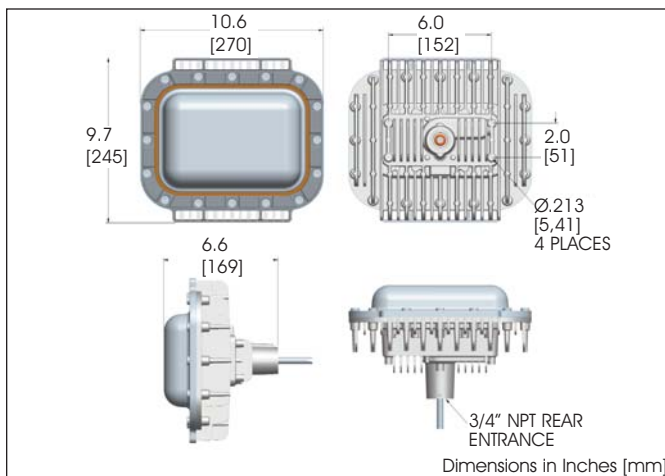




U.S. Patent #7,973,402, #7,731,384, other patents pending

DuroSite® LED Area Light Amber Version



Certifications

- Certified to UL 1598/A
- Certified to C22.2
- Nema 4X (pending)
- IP66

Features & Benefits

- 5 year full performance warranty
- Instant on/off operation
- Universal input (100-277 VAC), 50/60Hz
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed

Ordering Codes:

Part Number	Optical Pattern ¹	Color	Initial Fixture Lumens	Wattage	Lumens Per Watt
STW8A2N	180	Amber	3,700	67	55
STW9A2N	360	Amber	3,700	67	55

¹180° optical pattern versions are optimized for a 45° mounting angle

Application:

The DuroSite® LED area light represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting edge LED technology along with proprietary optics to achieve area lighting comparable with other traditional light sources. Whether your application is in a work area or any other application, this fixture offers improved performance across the board.

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.

Mechanical Information

Fixture Weight:	10lb (4.5 kg)
Shipping Weight:	12lb (5.44 kg)
Mounting:	(1) Threaded 3/4" NPT rear
Cabling:	10' (3.5m) SOOW Power Cord

Electrical specifications

Operating Voltage ¹ :	100-277V AC, 50/60 Hz
Power Consumption:	67W
Operating Temp:	-40°F to +149°F (-40°C to +65°C)
Noise Requirements/ EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz

Surge Protection:	1 kV line to line 2 kV line to ground
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THD:	< 15%
Power Factor:	> 0.9

Construction

Housing:	Powder coated aluminum
Finish:	Polyester / epoxy powder coat gray RAL 7040 for superior corrosion resistance
Lens:	Polycarbonate - UL1598A wet location

Photometric Information

Peak Wavelength:	590nm
Optics:	180° forward throw 360° circular pattern
IES Files:	Available upon request

All values typical unless otherwise stated

