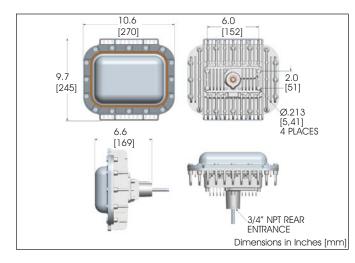
Dialight



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

180° 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:	100-277V AC, 50/60 Hz	
Power Consumption:	67W	
Operating Temp:	-40° F to $+149^{\circ}$ F (-40° C to $+65^{\circ}$ 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	
THD:	<15%	
Power Factor:	> 0.9	
<u>Construction</u>		
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		

DuroSite® LED Area Light

Mounting Options

Swing Bracket





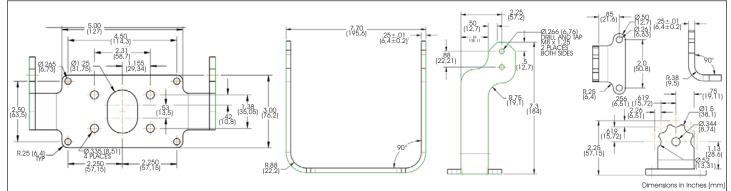




Swing Bracket Dimensions

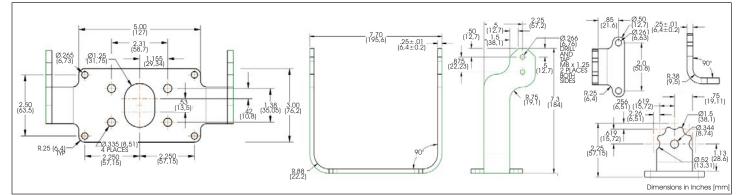
HZXW2

A standard duty Aluminum bracket, .25" thick 6061-T6 and powder coated.



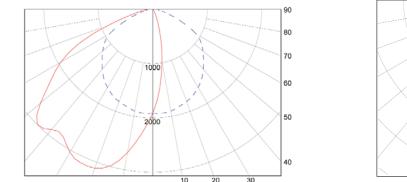
HZXW4

A standard duty Aluminum bracket, .25" thick 6061-T6 and powder coated. This bracket will mount to 1.5" conduit and comes with pipe mount clamps.

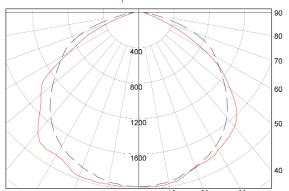


Polar Plots

180° Optical Pattern Mounted at 45°



360° Optical Pattern



Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSTWAAX001.pdf