



The Gardco AeroScape LED site and area is defined by its high performance, sleek profile and rugged construction. AeroScape LED luminaires combine LED performance excellence and advanced LED thermal management technology. Providing outdoor area lighting that is both energy efficient and aesthetically pleasing.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

Luminaire	Number of LEDs	Drive Current	LED Color Generation	Mounting	Distr.	Voltage	Dimming Control	Electrical	Options	Finish
ASA										
ASA AeroScape LED Site & Area Luminaire	32L 32 LEDs 48L 48 LEDs	500 500mA ¹ 1.2A 1.2A	CW-G2 Cool White 5700K, 70 CRI Generation 2 NW-G2 Neutral White 4000K, 70 CRI Generation 2 WW-G2 Warm White 3000K, 70 CRI Generation 2	SAM Straight Arm mount UAM Upswept Arm mount	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V AC HVU 347-480V AC	DD 0-10V Dimming Driver DynaDimmer: Automatic Profile Dimming CS50 Safety 50% Dimming, 7 hours ^{2,5} CM50 Median 50% Dimming, 8 hours ^{2,5} CE50 Economy 50% Dimming, 9 hours ^{2,5} DA50 All Night 50% Dimming ² Photoelectric/Receptacle Systems (Twist Lock) PCB Photocontrol Button ³ TLRD5 Twist Lock receptacle 5-pin ³ TLRPC Twist Lock receptacle w/Photocell ³	Fusing F1 Single (120, 277, 347VAC) ³ F2 Double (208, 240, 480VAC) ³ F3 Canadian Double Pull (208, 240, 480VAC) ³ Pole Mount Fusing FP1 Single (120, 277, 347VAC) ⁴ FP2 Double (208, 240, 480VAC) ⁴ FP3 Canadian Double Pull (208, 240, 480VAC) ⁴	SPA Square Pole Adapter HIS Internal Housing Side Shield	Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: RAL7024) CC Custom color (Must supply color chip for required factory quote)

1. Available with 32L only.
2. Available in 120, 208, 240, 277 or UNV only.
3. Choose PCB or TLRD Twist Lock Receptacle options.
4. Must specify input voltage.
5. Not available with Dimming Driver (DD) option.

Accessories (order separately)

Round Pole Tenon Adapters

Round Pole Tenon adapter allows mounting of AeroScape with upswept and straight arm mount to round pole with 2-3/8" O.D. X 4" tall pole top tenon.

RPTA-190-DT13	1 @ 90°
RPTA-290-DT13	2 @ 90°
RPTA-2180-DT13	2 @ 180°
RPTA-390-DT13	3 @ 90°
RPTA-3120-DT13	3 @ 120°
RPTA-490-DT13	4 @ 90°



Round Pole Adapter

RPA339-ASA Round pole adapter for 3.0-3.9" O.D. pole.



Square Pole Tenon Adapters

Square Pole Tenon adapter allows mounting of AeroScape with upswept and straight arm mount to round pole with 2-3/8" O.D. X 4" tall pole top tenon.

SPTA-190-DT13	1 @ 90°
SPTA-290-DT13	2 @ 90°
SPTA-2180-DT13	2 @ 180°
SPTA-390-DT13	3 @ 90°
SPTA-490-DT13	4 @ 90°



Wall Mount

WM-ASA Field Installed wall mount accessory
See wall mount details below
Available with straight arm only

ASA AeroScape LED

Site & Area

LED Wattage and Lumen Values

Neutral White Ordering Codes	LED Quantity	System Current (A)	Color Temp (K)	Avg System Wattage	Type 2			Type 3			Type 4			Type 5		
					Lumen Output	Bug Rating	Efficacy	Lumen Output	Bug Rating	Efficacy	Lumen Output	Bug Rating	Efficacy	Lumen Output	Bug Rating	Efficacy
ASA-32L-500-NW-G2	32	500	4000	52	6327	B2-U0-G1	121	6090	B1-U0-G2	116	6128	B1-U0-G2	117	6642	B3-U0-G1	127
ASA-32L-1.2A-NW-G2	32	1200	4000	124	12892	B3-U0-G2	104	12408	B2-U0-G2	100	12485	B2-U0-G2	101	13533	B4-U0-G2	109
ASA-48L-1.2A-NW-G2	48	1200	4000	183	18824	B3-U0-G2	103	18118	B3-U0-G3	99	18230	B3-U0-G3	100	19760	B5-U0-G3	108

Configurations



EPA DATA



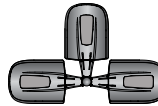
1 @ 90
0.57



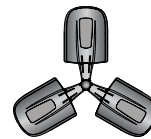
2 @ 90
1.11



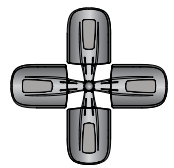
2 @ 180
1.14



3 @ 90
1.62



3 @ 120
1.47

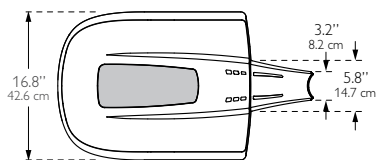


4 @ 90
1.75

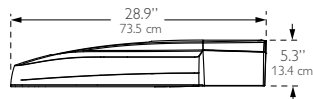
Dimensions

Straight Arm Dimensions

Top View

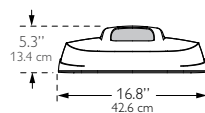


Side View



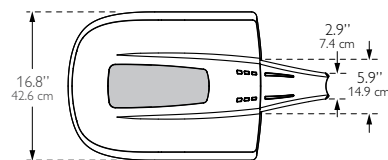
Weight: 34.7 lbs (15.7 kgs)
EPA: 0.57 sq ft

Side View

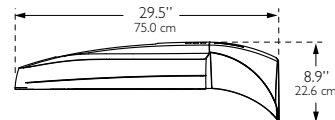


Upswept Arm Dimensions

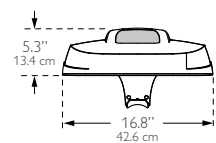
Top View



Side View



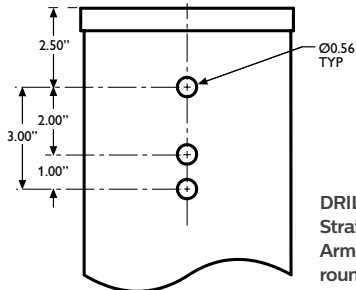
Side View



Site & Area

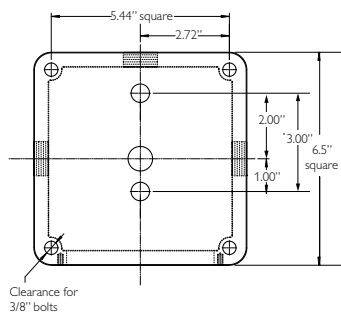
Wall Mount Drill Template

Straight and Upswept Arm Mount Drill Template (NTS)

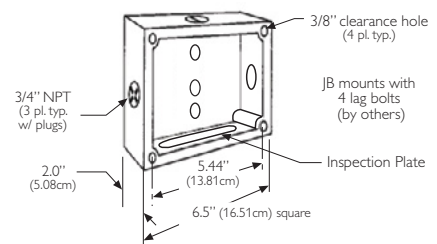


DRILL TEMPLATE NO. 13
Straight and Upswept
Arm Mount to 4" - 5"
round or square pole

Wall Mount Details (straight arm only)



Thru-Wire junction box allows wall mounting using standard surface arms.



Specifications

Housing

A one-piece die cast aluminum housing mounts directly to a pole or wall without the need for a support arm. The low profile rounded form reduces the effective projected area of the luminaire to only 0.57 ft².

Thermal Management

The AeroScape LED provides a one piece die cast with integral thermal radiation fins combined with lateral air ways, to provide the excellent thermal management so critical to long LED system life. AeroScape is ETL listed per UL1598 from -40 to 40°C ambient.

LED Optical System

LED arrays are set to achieve IES Type II, Type III, Type IV, Type V, available with internal shields for back light control. Individual LED arrays are replaceable. Luminaires feature high performance Class 1 LED systems.

Finish

Five standard colors offered in textured black, white, bronze, dark gray and medium gray. RAL and custom color matching available. Color in accordance with the AAMA 2604 standard. Application of polyester powder coat paint (2.5 mil minimum). The thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

IP Rating

AeroScape LED luminaire is IP66 rated.

Electrical

Luminaires are equipped with an LED driver that accepts 120V through 277V, or 347V through 480V, 50hz to 60hz, input. Driver output is based on the LED wattage selected. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by ETL. Power factor is not less than 90%. Luminaire consumes 0.0 watts in the off state. All motion sensors utilized consume 0.0 watts in the off state. Surge protector standard. 10KA per ANSI/IEEE C62.41.2.

Certifications and Compliance

cETLus listed for Canada and USA. AeroScape LED luminaires are DesignLights Consortium qualified. Entire luminaire is rated for operation in ambient temperature of -40°C (-40°F) up to +40°C (+104°F).

Limited Warranty

5 year limited warranty.
See signify.com/outdoorluminaires for complete details and exclusions.

Predicted Lumen Depreciation Data

Ambient Temperature °C	System Current	LED Current	Calculated L70hrs ^{1,2}	L70 per TM21 ^{2,3}	Lumen Maintenance @ 60,000hrs
25 °C	1200 mA	1200 mA	>100,000	>60,000	86%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.

