Date | Project | Part

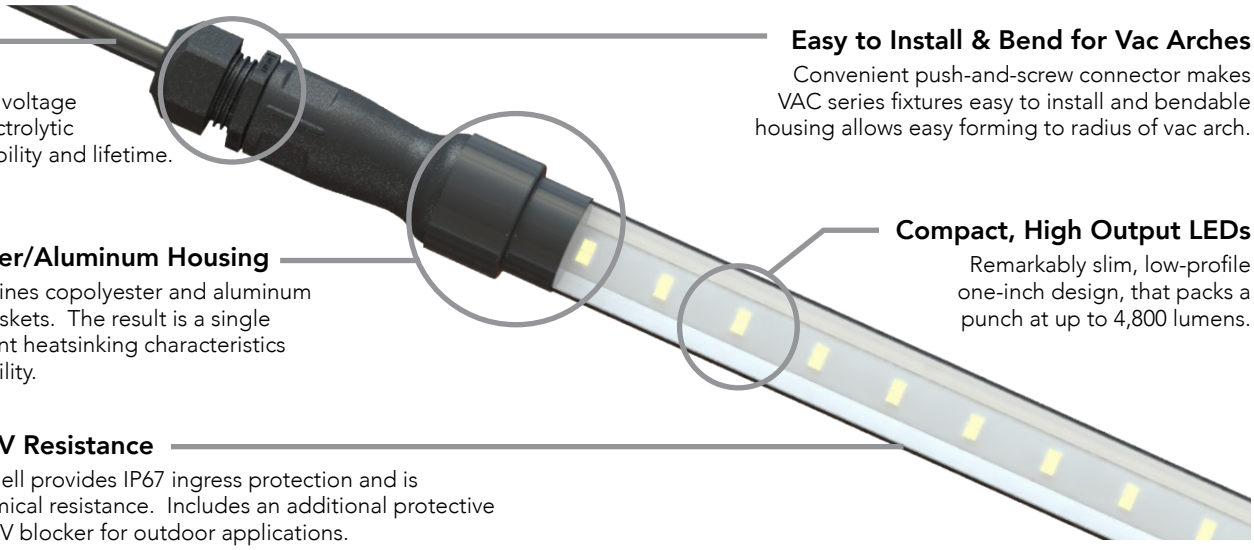
VAC VACUUM ARCH LIGHT

G&G INDUSTRIAL LIGHTING

c UL us LISTED | IP67 CERTIFIED | IK07 IMPACT CERTIFIED | DIRECT AC DRIVERLESS

Proudly made in America

Bendable LED Linear Luminaire for Vacuum Arch Lighting



Zero-Maintenance Driverless Design

Connects directly to AC line voltage without an LED driver or electrolytic capacitors, for extreme reliability and lifetime.

Easy to Install & Bend for Vac Arches

Convenient push-and-screw connector makes VAC series fixtures easy to install and bendable housing allows easy forming to radius of vac arch.

Coextruded Copolyester/Aluminum Housing

Our patented process combines copolyester and aluminum together, with no seals or gaskets. The result is a single piece enclosure with excellent heatsinking characteristics for a long lifetime and reliability.

Compact, High Output LEDs

Remarkably slim, low-profile one-inch design, that packs a punch at up to 4,800 lumens.

Superior Chemical & UV Resistance

Seamless polymeric outer shell provides IP67 ingress protection and is specialized for superior chemical resistance. Includes an additional protective coating which integrates a UV blocker for outdoor applications.

PERFORMANCE SUMMARY

Delivered Light Output: Up to 4,800 Lumens

Efficacy: Up to 130 LPW

CRI: Typical 85 CRI

CCT: 5000K & 4000K (Contact factory for custom CCT)

Lifetime: 100,000 Hours at 25°C

Warranty: 5 Years

Lens: Clear

Protection Class: IP67

Temperature Rating: Operable in temperatures -40°C to 55°C

Voltage: 120 or 277 VAC Input

Power Factor: 0.9 nominal

Surge Protection: Built-in 4KV

Total Harmonic Distortion: < 20%

FIXTURE SPECIFICATIONS

Construction & Materials

- Proudly American-made and Buy America Act compliant
- Hand bendable to form to radius of vacuum arch
- Patented coextruded copolyester and aluminum housing
  - Seamless polymeric outer shell
  - Integrated aluminum heat spreader
- Double insulated (cabling and fixture)

Regulatory Qualifications

- cULus Listed
- UL Listed for Wet Locations
- IP67 Certified
- NEMA 4X Rated

REV: 1024

VAC
VACUUM ARCH LIGHT

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INDUSTRIAL LIGHTING

ORDERING INFORMATION

Product	Length		Color Temp.		UV Protection		Voltage
VAC		–		–	UVO	–	

Length
- **4** 4-Foot
- **6** 6-Foot
- **8** 8-Foot

Color Temp.
- **50K** (standard) 5000 Kelvin
- **40K** 4000 Kelvin

UV Protection
- **UVO** (standard) Outdoor-Rated with UV-Blocking Coating

Voltage
- **120V** 120 VAC Input
- **277V** 277 VAC Input

MOUNTING

A non-metallic quick latch kit comes included with each fixture.

Part Number	Description
MNT-G1-NM-2020	Non-Metallic Quick Latch Mounting Clips (UVO Outdoor)
MNT-G1-SS	Stainless Steel Bolt Latch Mounting Clips

CABLING

All models come with 15' SJTOOW power cord.

LUMEN & POWER DATA

Length & Output	Lumens	Wattage	Amps @ 120V	Amps @ 277V
VAC4	2,400	18	0.150	0.065
VAC6	3,600	27	0.225	0.097
VAC8	4,800	36	0.300	0.130

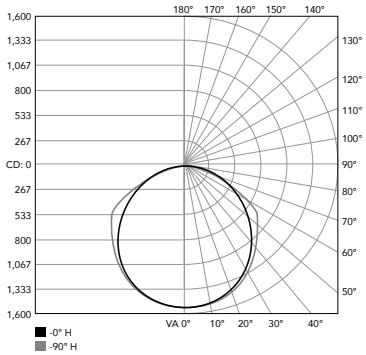
PHOTOMETRY

VAC Series

Based on DTC Report Test #: 14404-T

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

Polar Candela Distribution



Zonal Lumen Summary

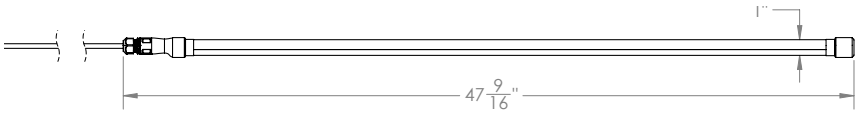
Zone	Luminaire
0-30	26.2%
0-40	43.2%
0-60	77.4%
0-90	98.5%
0-180	100%

FIXTURE DIMENSIONS

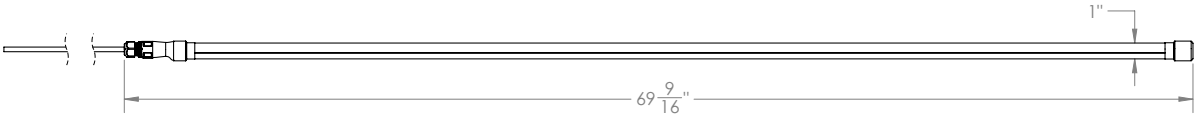
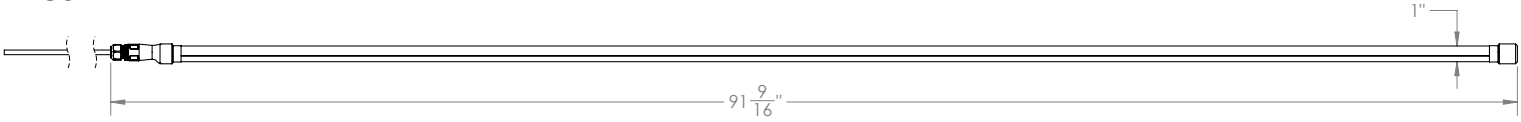
Model	Length	Width	Height Mounted
VAC4	47.56"	1.25"	1.75"
VAC6	69.56"	1.25"	1.75"
VAC8	91.56"	1.25"	1.75"

DIMENSIONAL DRAWINGS

VAC4



VAC6



VAC8