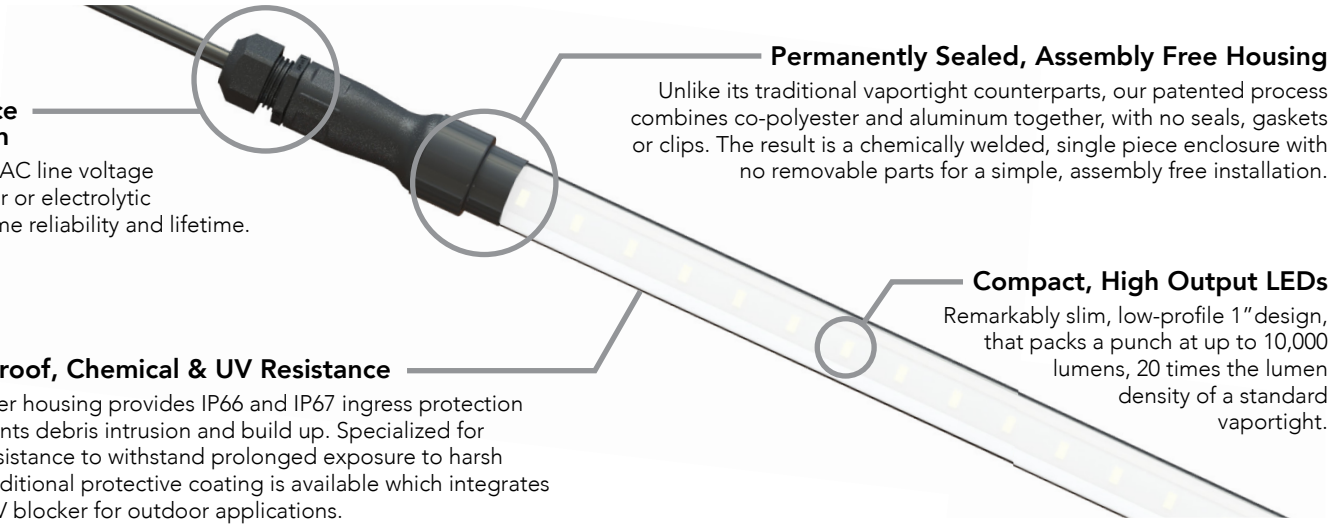
Date | Project | Part

VPX VAPORSEALED LINEAR

G&G INDUSTRIAL LIGHTING

cULus LISTED | NSF | IP66 IP67 CERTIFIED | IK07 IMPACT CERTIFIED | NEMA 4X | DIRECT AC DRIVERLESS | EMI SILENT | BAA BABAA COMPLIANT | *Proudly made in America*

Low-Profile Driverless Vaporsealed LED Linear Luminaire



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

Permanently Sealed, Assembly Free Housing
Unlike its traditional vaportight counterparts, our patented process combines co-polyester and aluminum together, with no seals, gaskets or clips. The result is a chemically welded, single piece enclosure with no removable parts for a simple, assembly free installation.

Compact, High Output LEDs
Remarkably slim, low-profile 1"design, that packs a punch at up to 10,000 lumens, 20 times the lumen density of a standard vaportight.

Superior Waterproof, Chemical & UV Resistance
Seamless co-polyester housing provides IP66 and IP67 ingress protection and effectively prevents debris intrusion and build up. Specialized for superior chemical resistance to withstand prolonged exposure to harsh environments. An additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

PERFORMANCE SUMMARY

Delivered Light Output: VPX2 = 2,000 lumens
VPX4 = 5,000 lumens
VPX8 = 10,000 lumens

Efficacy: Up to 120 LPW

CRI: Typical 85 CRI

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

Lifetime: 100,000 Hours at 25°C

Warranty: 5 Years

Mounting: Ceiling or wall

Lens: Diffused (standard)

IP Protection Class: IP66, IP67

Temperature Rating: Operable in temperatures -40°C to 60°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 engineered and manufactured in America:
  - Buy American Act (BAA) compliant
  - Build America, Buy America Act (BABAA) compliant
- All models come with 6' SJTOOW power cord
- 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
- IP66/67 Certified
- IK07 Impact Certified
- Rated for use in natatoriums
- NSF Rated
- NEMA 4X Rated

REV: 1126

VPX
VAPORSEALED LINEAR

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INDUSTRIAL LIGHTING

ORDERING INFORMATION

Product	Length		Color Temp.		UV Protection		Voltage
VPX		–		–		–	

Length
- **2** 2-Foot
- **4** 4-Foot
- **8** 8-Foot

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

UV Protection
- **Blank** (standard) No Coating, Rated for Indoor Use
- **UVO** Outdoor-Rated with UV-Blocking Coating

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

LUMEN & POWER DATA

Length & Output	Lumens	Wattage	Amps @ 120V	Amps @ 277V
VPX2	2,000	16	0.13	0.06
VPX4	5,000	42	0.35	0.15
VPX8	10,000	84	0.70	0.30

FIXTURE DIMENSIONS

Model	Length	Width	Height Mounted
VPX2	24.00"	1.25"	1.75"
VPX4	46.00"	1.25"	1.75"
VPX8	90.00"	1.25"	1.75"

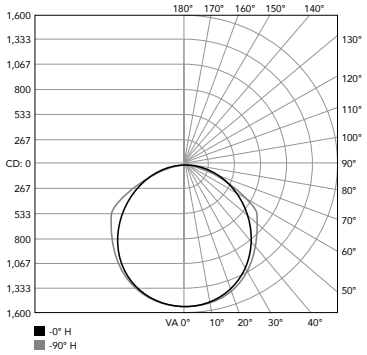
PHOTOMETRY

VPX 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%

CABLING

All models come with 6' SJTOOW power cord.

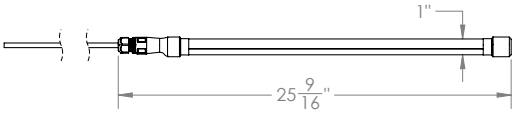
MOUNTING

G&G will provide the appropriate type (indoor vs. outdoor) and quantity of non-metallic quick latch clip depending on each fixture ordered (two clips per 2' and 4' fixtures, or three clips per 6' and 8' fixtures).

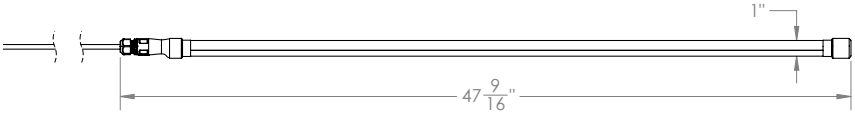
Part Number	Description
MNT-G1-NM-2015	(1) Non-Metallic Quick Latch Mounting Clip (Indoor)
MNT-G1-NM-2020	(1) Non-Metallic Quick Latch Mounting Clip (UVO Outdoor)
MNT-G1-SS	(1) Stainless Steel Bolt Latch Mounting Clip
MNT-G1-SS-KIT	Kit of (3) Stainless Steel Bolt Latch Mounting Clips
MNT-G1-MAG-NM-2015	(1) Non-Metallic Quick Latch Mounting Clip (Indoor) with Maximum Strength Disc Magnet
MNT-G1-MAG-NM-2020	(1) Non-Metallic Quick Latch Mounting Clip (UVO Outdoor) with Maximum Strength Disc Magnet
MNT-G1-MAG-SS	(1) Stainless Steel Bolt Latch Mounting Clip with Maximum Strength Disc Magnet

DIMENSIONAL DRAWINGS

VPX2



VPX4



VPX8

