




VPK - LED Parking Garage Vaportight Kit

-  **Parking garages have specific needs in a demanding environment...**

 - The VPK will bring your old Wide Distribution VTG up to date with the latest in LED technology.
 - Proven IP67 rated housing platform withstands the elements and 1500 PSI wash down.
 - Efficacy between 97 and 103 Lumens/Watt depending on model
 - Reported L70 over 51,000 Hours Calculated at 65,000 hours via TM-21
-  **Glare free wide distribution of light specifically designed to meet spacing requirements in a parking garage...**

 - Many wide distribution LED fixtures have problems with glare. The frosted diffuser of the VPL ensures visual comfort for drivers while still putting the light where you need it.
-  **Why P2? With 18 CLMC's our staff has the expertise you need to make your project a success.**

 - Lean on our industry experts to provide you with application support and help to specify the right product for your project.
 - We've assembled our team from all areas of the lighting industry; from installation, project and energy management to manufacturing and distribution. If you have a challenge, chances are we've been there too and can guide you to a solution.

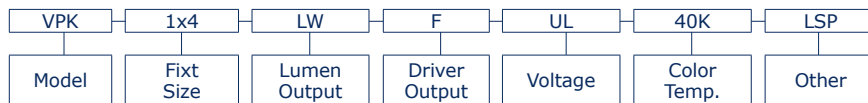
VPK - LED Parking Vapor Tight Kit



Application



VPK - 1x4 - LW - F - UL - 40K - LSP



Fixture Series

VPK = LED Parking Garage VTG Retrofit

Fixture Size

1x4 = 1x4 Nominal
1x8 = 1x8 Nominal

Lumen Output

LW = Low Wattage, High Efficiency, 51W
HL = High Lumen Output, 96W

Driver Output

F = Fixed Output
DM = 0-10V Dimming (1)
BL = Bi-Level (2)

Voltage

UL1 = Universal 120-277

Color Temperature

40K = 4000K
50K = 5000K

Other Options (3)

LSP = Lighting Surge Protector (270 Joules)

Notes

- (1) Must be ordered in conjunction with lighting controls. Contact factory for assistance.
- (2) Bi-Level driver must be controlled by sensor or A/B switching
- (3) Consult factory for additional accessories sold separately

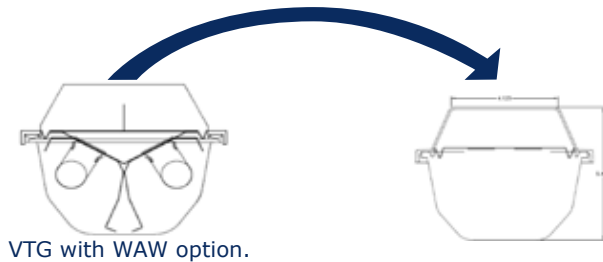
5 YR Warranty	RoHS	40°C Max	-40°C Min	IP67	
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Fixture Construction

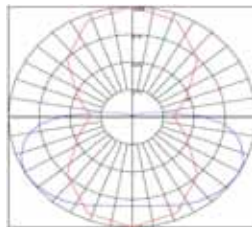
- Aluminum Gear Tray with LED engine
- Frosted Linear Ribbed Diffuser
- New gear tray clips
- Class 2 Driver
- Optional Surge Protection
- Additional Accessories sold separately

Switch to LED



Parking Garage Distribution

- 1.24 Spacing Criterion (0-180)
- 1.78 Spacing Criterion (90-270)
- Meets DLC zonal Lumen Requirements for parking garage



*Distribution shown for VPK-1X4-LW-F-UL-40K

Easy as 1, 2, 3

1. Open Lens and remove existing lamps, gear tray and clips
2. Install new clips and wire up the LED gear tray.
3. Install new lens and go!

Existing System

Existing Lamp / Ballast System	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Approx. Fixture Efficiency	Delivered Lumens Per Fixture	Input Watts	Delivered Lumens Per Watt
2L40-T12 Mag	2 F40/T12/WM	2,280	4,560	0.88	0.75	3,010	72	42
1L96-T12 Mag	1 F96/T12/ES	4,750	4,750	0.88	0.75	3,135	76	41
2L96-T12 Mag	2 F96/T12/ES	4,750	9,500	0.88	0.75	6,270	126	50
1L96-T12HO Mag	1 F96/T12HO/ES	6,950	6,950	0.95	0.75	4,952	125	40
2L96-T12HO Mag	2 F96/T12HO/ES	6,950	13,900	0.93	0.75	9,695	210	46
2L32-T8-MP Elec	2 F32T8/841	2,800	5,600	0.87	0.75	3,654	53	69
2L32T8-HP Elec	2 F32T8/841	2,800	5,600	1.15	0.75	4,830	73	66

Re-Lighting Options

Proposed System	Light Source Quantity & Type	CRI	CCT	Ballast Factor	Approx. Fixture Efficiency	Delivered Lumens Per Fixture	Input Watts	Delivered Lumens Per Watt
VPK-1X4-LW	1 1X4 LW Engine	>80	4000K	1.00	1.00	5,274	51	103
VPK-1X4-HL	1 1X4 HL Engine	>80	4000K	1.00	1.00	9,351	96	97
VPK-1X8-LW	1 1X8 LW Engine	>80	4000K	1.00	1.00	10,548	102	103
VPK-1X8-HL	1 1X8 HL Engine	>80	4000K	1.00	1.00	18,702	192	97

General Notes

- Lamp/ballast system values shown are a general reference intended to supply a quick comparison of several common lamp/ballast systems, the associated energy consumption, and net lumen output.
- Values shown are based on normal operating temperatures and at 277 volts.
- There are many operating variables that affect system output, in addition to rating variances from brand to brand.
- All T8 electronic ballast values shown are based on Ultra Efficient (aka 3rd Generation) T8 ballasts.
- All T5 and T8 lamp values shown are for basic grade lamps. Extended life and higher lumen lamps types are available.
- In addition to those shown there are a wide variety of systems to choose from, each with distinct features and cost points.
- Please consult the lamp/ballast manufacturer's catalogs for the detailed information required to model your system.