

## VPL - LED Parking Garage Vaportight

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

  - The VPL replaces maintenance and energy intensive HID and HPS fixtures.
  - 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.
  - Not sure how many fixtures you need? Lean on our photometric services to provide you with the information to successfully light your project.
-  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.

### VPL - LED Parking Vapor Tight



### Application



### VPL - 1x4 - LW - F - UL - 40K - C8 - WH - VSB

VPL	1x4	LW	F	UL	40K	C8	WH	VSB
Model	Fixt Size	Lumen Output	Driver Output	Voltage	Color Temp.	Cord Plug	Occ Sensor	Other

**Fixture Series**

VPL = LED Parking Vaportight

**Fixture Size**

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

**Lumen Output**

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

**Notes**

- (1) Must be ordered in conjunction with lighting controls. Contact factory for assistance.
- (2) Bi-Level driver must be ordered with controls or A/B switching
- (3) Bracket standard with all fixtures.

**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

**Cord & Plug**

C8 = 8' Cord, No Plug  
C8/L715 = 8' Cord & Plug (L7-15P)  
PQC15 = 15' Cord/Quick Connect

**Occupancy Sensor**

WH = Wet Location 360  
View Hi-Bay Sensor

**Other Options (3)**

VSB = VTL Surface/Hanging Bracket (3)  
VAB = VTL Angled Bracket  
SSL = Stainless Steel Latches  
LSP = Lighting Surge Protector (270 Joules)

5 YR Warranty	RoHS	40°C Max	-40°C Min	IP67		DLCQ PL	
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## VPL - LED Parking Garage Vaportight

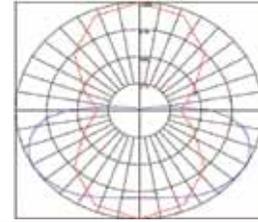
### Fixture Construction

- Impact Resistant Fiberglass housing.
- Aluminum Gear Tray
- Frosted Deep Diffuser
- Poured in place gasket.
- Class 2 Driver

### Parking Garage Distribution

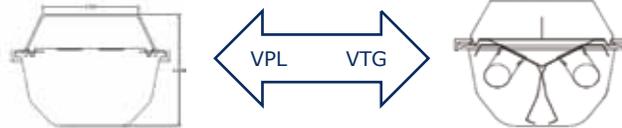
- 1.24 Spacing Criterion (0-180)
- 1.78 Spacing Criterion (90-270)
- Meets DLC zonal Lumen Requirements for parking garage

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



### Want Fluorescent?

Consider our fluorescent VTG with the wide distribution reflector, long life lamps, and PS ballast.



### Existing System

Existing Lamp / Ballast System	Lamp Quantity	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
VPL-1X4-LW	1 1X4 LW Engine	>80	4000K	1.00	1.00	5,274	51	103
VPL-1X4-HL	1 1X4 HL Engine	>80	4000K	1.00	1.00	9,351	96	97
VPL-1X8-LW	1 1X8 LW Engine	>80	4000K	1.00	1.00	10,548	102	103
VPL-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.