




## 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 IP65 rated housing platform withstands the elements.
  - Efficacy between 97 and 100 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 Kit



### 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  
WL = Wet Location 360 View  
Lo-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 | IP65 |  |  |  |
|               |      |          |           |      |   | Pending   | Pending   |

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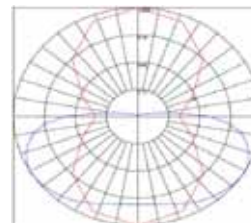
### Fixture Construction

- 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.