

VTG – Vaportight Series

VTG – Versatile energy efficient platform addresses indoor, outdoor and wet location relighting applications.

- Open Air Multi-Deck Parking Structures...
- Bulk Storage Freezers...
- Walk in Coolers...
- Outdoor Canopies...
- Wet Locations...

VTG – Parking Decks

- Optional Extra Wide Distribution Optics.
- Optional Optically Clear Deep Lens.
- Optional Hi-Lo Controls. Order with Default Center Lamp (DCL) and occupancy sensor for increased savings while maintaining minimum security lighting at all times.

VTG – Why P2? We deliver more with this platform than our peers.

- Relative Light Output curves on file from -25f through 155f.
- Custom layouts and validated IES files for multiple optics configurations.
- Life cycle lumen maintenance studies tailored to parking garages.

VTG – Configured To Order Vaportights



Application

- Excellent for parking decks and cold storage.
- Extremely insect resistant.
- Available up to 3 Lamp cross sections for T8 and 2 lamp cross sections for T5HO.
- Suitable for wet locations.
- Rated to UL 1598 standards.

VTG – 1x8 – 4L – T5HO – UL1 – MN – PS – ST – EA – C8/L715

VTG	1x8	4L	T5HO	UL1	MN	PS	ST	EA	C8/L715	
Model	Fixt Size	Lamp Qty	Lamp Type	Voltage	Ballast Factor	Ballast Starting	Ballast Grade	Reflector Options	Cord Plug	Occ Sensor

Fixture Series

VTG = Vaportight Standard Gear Tray

Fixture Size

1x2 = 1x2 Nominal

1x4 = 1x4 Nominal

1x8 = 1x8 Nominal

Lamp Qty

xL = x indicates number of lamps

Lamp Type

T8 = Linear T8 Lamps

T5 = Linear T5 Lamps

T5HO = Linear T5HO Lamps

Voltage (1)

UL1 = Universal 120-277

UH1 = Universal 347-480

Ballast Factor

XL = Ultra Low Power (.62 - .66)

LP = Low Power (.75 - .78)

MP = Mid Power (.85 - .88)

MN = Neutral Power (.97 - 1.04)

HP = High Power (1.15 - 1.20)

Ballast Starting Method

PS = Programmed Start

IS = Instant Start

Ballast Grade

ST = Standard Grade

UE = Ultra Efficient T8

Reflector Options

GT = Standard Gear Tray, No Reflector

WA = White Aluminum Reflector 90-91%

WAW = White Aluminum Reflector

90-91%, Wide Distribution (4)

EA = Enhanced Aluminum

Specular Reflector 93-94%

EAW = Enhanced Aluminum Specular

Reflector 93-94%, Wide Distribution (4)

SA = Spec Grade Aluminum

Reflector 95%

MM = Micro Matte Reflector 91-93%

Numeric Footnotes

(1) Numeral indicates number ballasts per fixture.

(2) Numeral [x] indicates number of lamps controlled.

(3) Requires occupancy sensor. See RWS cutsheet for details on DCL option Hi-Lo Controls.

(4) Only available with CA lens.

Cord & Plug

C8 = 8' Cord, No Plug

C8/L715 = 8' Cord & Plug (L7-15P)

PQC15 = 15' Cord/Quick Connect

Occupancy Sensor(2)

WHx = Wet Location 360

View Hi-Bay Sensor

WLx = Wet Location 360

View Lo-Bay Sensor

Other Options

DCL = Default Center Lamp (3)

VSb = VTG Surface/Hanging

Bracket (Standard)

VAB = VTG Angled Bracket

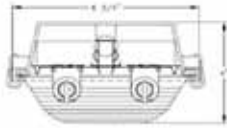
CA = Clear Acrylic Deep Lens

SSL = Stainless Steel Latches

VTG – Vaportight Series

Cross Section

2L - Gear Tray Only



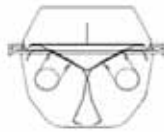
2L - STD Reflector



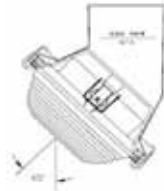
3L - STD Reflector



Wide Distribution Optics with Clear Acrylic Deep Lens



VTG Mounted to 45° Mounting Brackets



VTG Eye-Bolt Mounting with 45° Bracket (Order Separately)

45° Bracket Installation Methods



Wall mounting



25° Eye Bolt



45° Eye Bolt



Gripper

Existing System

Existing Lamp / Ballast System	Lamp Qty & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L40-T12 Mag	2 F40/T12/WM	2,280	4,560	0.88	4,013	72	56
3L40-T12 Mag	3 F40/T12/WM	2,280	6,840	0.88	6,019	115	52
1L96-T12 Mag	1 F96/T12/ES	4,750	4,750	0.88	4,180	76	55
2L96-T12 Mag	2 F96/T12/ES	4,750	9,500	0.88	8,360	126	66
1L96-T12HO Mag	1 F96/T12HO/ES	6,950	6,950	0.95	6,603	125	53
2L96-T12HO Mag	2 F96/T12HO/ES	6,950	13,900	0.93	12,927	210	62

Re-Lighting Options

Proposed Lamp / Ballast System	Lamp Qty & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Net Lumens Per Fixture	Input Watts	Net Lumens Per Watt
2L32-T8-MP Elec	2 F32T8/841	2,800	5,600	0.87	4,872	53	92
2L32T8-HP Elec	2 F32T8/841	2,800	5,600	1.15	6,440	73	88
3L32-T8-MP Elec	3 F32T8/841	2,800	8,400	0.87	7,308	80	91
3L32T8-HP Elec	3 F32T8/841	2,800	8,400	1.15	9,660	109	89
4L32-T8-MP Elec	4 F32T8/841	2,800	11,200	0.87	9,744	107	91
4L32T8-HP Elec	4 F32T8/841	2,800	11,200	1.15	12,880	147	88
6L32T8-MP Elec	6 F32T8/841	2,800	16,800	0.87	14,616	160	91
6L32T8-HP Elec	6 F32T8/841	2,800	16,800	1.15	19,320	230	84
2L54-T5-HO Elec	2 F54/T5HO/841	4,600	9,200	1.00	9,200	117	79
2L54-T5-HO Elec	4 F54/T5HO/841	4,600	18,400	1.00	18,400	234	79

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 (25c T8 and 35c T5) 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.