



VIPER

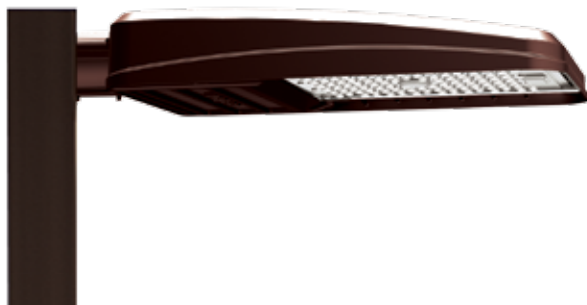
Luminaire / Pole Combination
10-DAY QUICK SHIPMENT PROGRAM

PRONTO COMBO

VIPER 10-DAY QUICK SHIPMENT PROGRAM

One of our most popular area lights paired with our most popular poles!

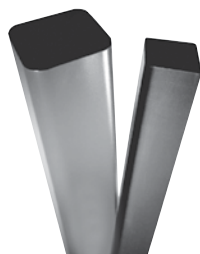
Viper Series Luminaire



- Two Sizes and Five Configurations Up to 29,000 Lumens
- Single & Double 180 deg. Configurations
- 4000K & 5000K CCT (70 CRI)
- Type III & IV Distributions
- Dark Bronze Powder Paint (textured)

SSS Series Poles

- Square Straight Steel Construction
- 4" Square x 0.125" Wall Thickness
- 16', 20', & 25' Lengths
- Pole Base Accommodates 8"-10" bolt circles using four (4) 3/4" diameter anchor bolts
- Dark Bronze Powder Paint (textured)
- With or Without Anchor Bolts
- Select Configurations Include Vibration Damper



10-Day Quick Shipments

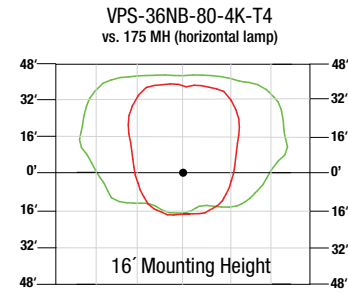
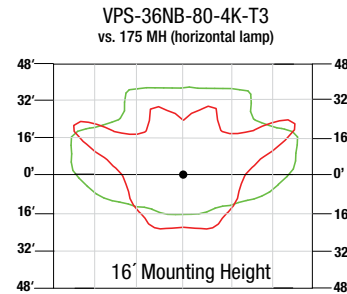
- All Product Manufactured and Ship From Christiansburg, VA Within 10 Days
- Consolidated Shipment – Everything Arrives On One Truck!
- All Configurations Available Less Anchor Bolts
- Stocked Anchor Bolts & Templates Available for Advanced Foundation Construction

Viper Series Luminaire AVAILABLE CONFIGURATIONS

HID Equivalent = 150W - 250W Lamp



16-20 ft.
TYPICAL
MOUNTING
HEIGHT



HID 0.5 Foot-candles
LED 0.5 Foot-candles

16 FT.
GRID SPACING

Performance Data

Series Number	HID Equivalency		Lumens Delivered		Number of LEDs	System Watts	Lumens Per Watt Type 4	CCT	Drivers / Current
	MH	HPS	Type 3	Type 4					
VPS-36NB-80	175W - 250W	150W - 250W	8870	9036	36	80	113	5000K	1@875
			8791	8946	36	80	112	4000K	1@875

Ordering Logic*

PRODUCT SERIES	LUMENS	LED CCT	DISTRIBUTION	POLE	ANCHOR BOLTS
VS	9 9K Nominal (VPS-36NB-80) 12 12K Nominal (VPS-48NB-110) 15 15K Nominal (VPS-60NB-136)	N 4000K C 5000K	T3 Type 3 T4 Type 4	S16 16' Square Straight Steel S20 20' Square Straight Steel S25 25' Square Straight Steel	- With Anchor Bolts/Template LAB Less Anchor Bolts/Template
PRODUCT SERIES	LUMENS	SINGLE OR DOUBLE HEAD CONFIGURATION @180 DEG.			
VL	20 20K Nominal (VPL-80NB-180) 29 29K Nominal (VPL-96NB-280)	- Single Head 2X Double Head @180 Deg.			

*25 piece max order size for 10-day shipment.

ACCESSORIES - Order Separately

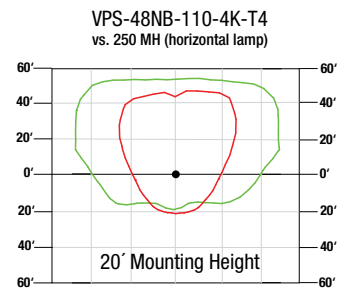
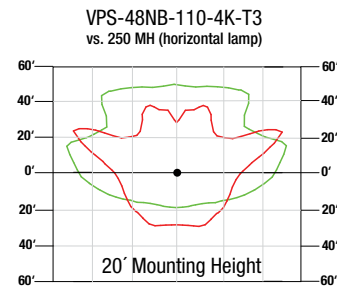
Catalog Number	Description
TAB30M38	3/4" x 30" x 3" anchor bolt set (four individual bolts)
93062959	SSS-B Series pole anchor bolt template



HID Equivalent = 250W - 400W Lamp



20-25 ft.
TYPICAL
MOUNTING
HEIGHT



HID 0.5 Foot-candles
LED 0.5 Foot-candles

20 FT.
GRID SPACING

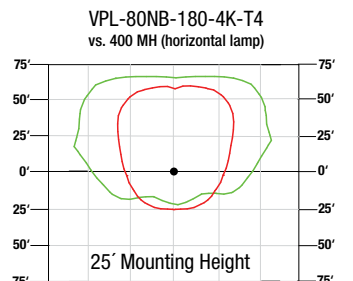
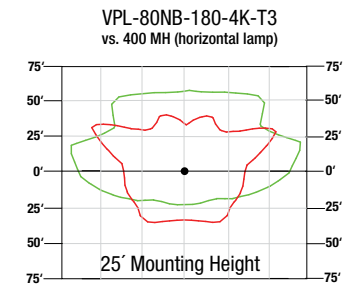
Performance Data

Series Number	HID Equivalency		Lumens Delivered		Number of LEDs	System Watts	Lumens Per Watt Type 4	CCT	Drivers / Current
	MH	HPS	Type 3	Type 4					
VPS-48NB-110	250w - 400w	250w - 400W	11220	12342	48	110	112	5000K	1@700
			11108	12219	48	110	111	4000K	1@700

HID Equivalent = 400w+ Lamp



20-25 ft.
TYPICAL
MOUNTING
HEIGHT



HID 0.5 Foot-candles
LED 0.5 Foot-candles

25 FT.
GRID SPACING

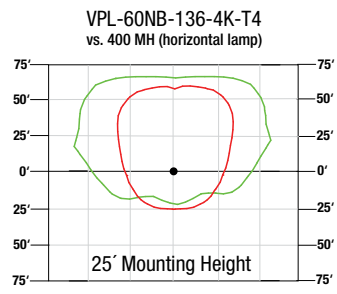
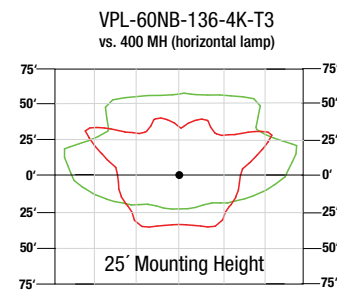
Performance Data

Series Number	HID Equivalency		Lumens Delivered		Number of LEDs	System Watts	Lumens Per Watt Type 4	CCT	Drivers / Current
	MH	HPS	Type 3	Type 4					
VPL-80NB-180	400w+	400w+	18700	20571	80	180	114	5000K	2@700
			18513	20365	80	180	113	4000K	2@700

HID Equivalent = 400 W Lamp



20-25 ft.
TYPICAL
MOUNTING
HEIGHT



HID 0.5 Foot-candles
LED 0.5 Foot-candles

25 FT.
GRID SPACING

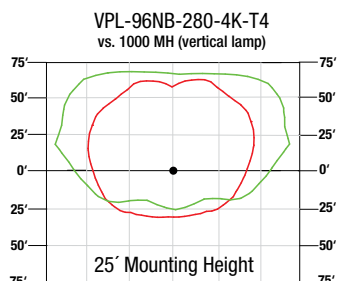
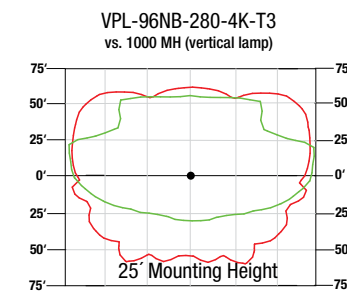
Performance Data

Series Number	HID Equivalency		Lumens Delivered		Number of LEDs	System Watts	Lumens Per Watt Type 4	CCT	Drivers / Current
	MH	HPS	Type 3	Type 4					
VPS-60NB-136	400w	400W	14025	15427	60	136	113	5000K	1@700
			13885	15274	60	136	112	4000K	1@700

HID Equivalent = 400 W - 1000w Lamp



25 ft.
TYPICAL
MOUNTING
HEIGHT



HID 0.5 Foot-candles
LED 0.5 Foot-candles

25 FT.
GRID SPACING

Performance Data

Series Number	HID Equivalency		Lumens Delivered		Number of LEDs	System Watts	Lumens Per Watt Type 4	CCT	Drivers / Current
	MH	HPS	Type 3	Type 4					
VPL-96NB-280	400w - 1000w	400w - 1000W	26336	29128	96	280	104	5000K	2@875
			26073	28837	96	280	103	4000K	2@875

Standard ASCE7-05 Wind Map																					
Pole Height (4" Sq x 0.125" wall thickness)	85 MPH Zone			90 MPH Zone			100 MPH Zone			105 MPH Zone (HI)			110 MPH Zone			120 MPH Zone			145 MPH Zone (PR)		
	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'
Allowable EPAs (ft/sq)	19	12.7	7.3	16.7	10.9	5.9	13	7.9	3.8	11.5	6.9	2.9	7.9	4.2	0.8	7.9	4.2	0.8	4.1	1.3	NR
Viper Sm - Single																					NR
Viper Sm - DBL @ 180																			NR		NR
Viper Lg - Single																			NR		NR
Viper Lg - DBL @ 180																			NR		NR

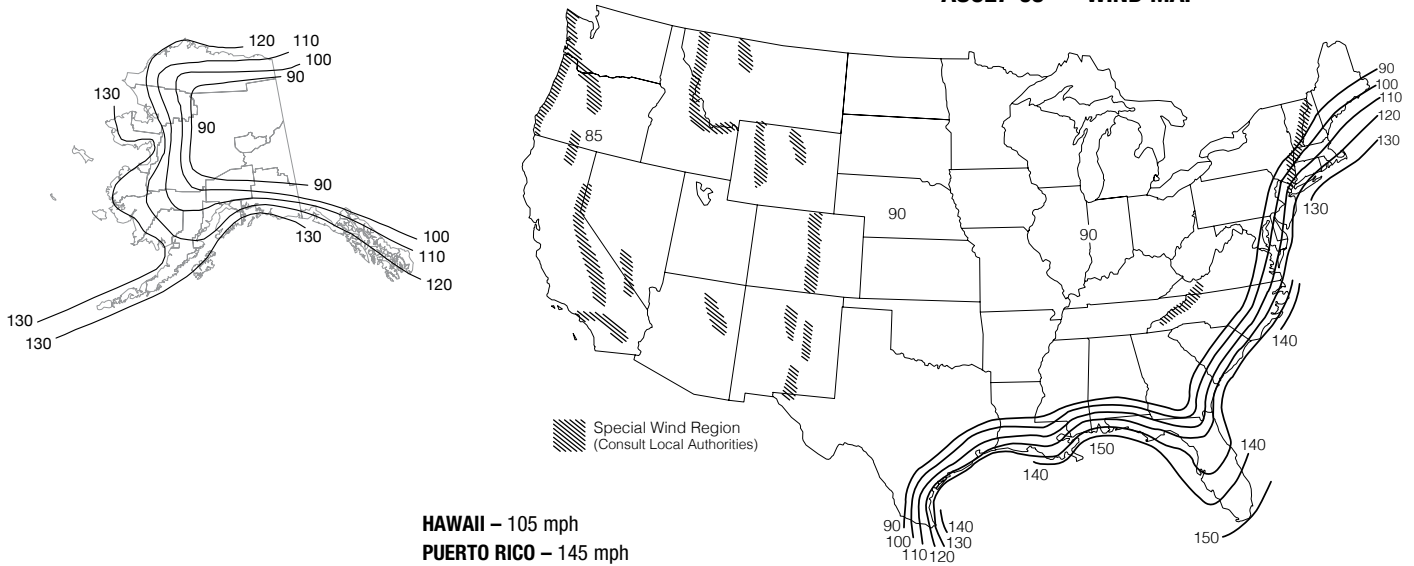
Florida Region Wind Map (2010 Building Code)																								
Pole Height (4" Sq x 0.125" wall thickness)	115 MPH Zone			120 MPH Zone			130 MPH Zone			140 MPH Zone			150 MPH Zone			160 MPH Zone			170 MPH Zone			180 MPH Zone		
	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'	16'	20'	25'
Allowable EPAs (ft/sq)	20.8	13.6	7.4	18.7	11.9	6.2	15.2	9.2	4.1	12.3	7.1	2.5	10.1	5.3	1.1	8.2	3.9	NR	6.7	2.7	NR	5.4	1.7	NR
Viper Sm - Single																		NR			NR			NR
Viper Sm - DBL @ 180															NR			NR			NR			NR
Viper Lg - Single																		NR			NR			NR
Viper Lg - DBL @ 180															NR			NR			NR			NR

Florida Building Code utilizes a different calculation method than ASCE, which results in different allowable EPAs. Consult your local authorities to determine which standard to use for your project

Acceptable	Includes Vibration Damper ¹	Not Recommended
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Notes: ¹ Pole used in program includes a vibration damper (VM2 style) due to low luminaire EPA and 25' mounting height.
² Consult the complete list of pole notes on the pole specification sheets located on the Hubbell Lighting web site.

ASCE7-05 WIND MAP



FLORIDA REGION WIND MAP (2010 FLORIDA BUILDING CODE)

- Florida region wind map above is based upon 3-second gust winds and the 2010 Florida Building Code

