



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The VBL Large Vertical Burn Shoebox is a high-performance luminaire designed for site / area lighting. It is the perfect choice for lighting large open areas for safety and security. Wide roadway applications, parking areas, or even wall mount applications for security lighting are all suitable applications for this fixture.

CONSTRUCTION — The housing and door frame are constructed of formed aluminum. The flat tempered glass lens is sealed in place and a door gasket is provided for weather tight protection. A top cap is provided for easy access and maintenance. ETL listed for wet locations.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

OPTICAL SYSTEM — Made with a state of the art fully rotatable reflector that uses high gloss components to achieve a precise photometric distribution. Vertical lamp position for optimum efficiency and lamp life. The fixture is a full cut-off light fixture and is Star Light Friendly with a flat lens only.

ELECTRICAL SYSTEM — Available in 400W thru 1000W standard metal halide, pulse-start metal halide, and high pressure sodium. Comes standard with a 4KV pulse rated mogul base socket. Each 60HZ CWA multi-tap or 480V ballast is pre-wired and installed for convenience.

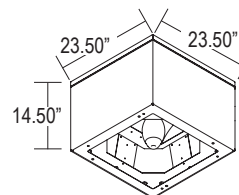
MOUNTING — Standard mounting options include 3" and 12" Straight Arms with internal bolt guides for square and round pole mounting on shoebox models. Yoke Mount and Spider Mounts are also available.



Large Vertical Burn Shoebox VBL SERIES



Fixture shown with VSA Straight Arm which is ordered separately.



Series	Housing Height	Length & Width	EPA
VBL	14.50"	23.50" x 23.50"	3.9

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **VBLAF7BA2-PS-BZ**

Series		Mounting ²		Reflector		Wattage/Source		Voltage		Lens		Pulse-Start		Finish	
VBL		A	Arm Mount	K	Type II Roadway	1B	1000W Metal Halide	A	Multi-Tap ¹	1	Sag	PS	Pulse-Start	BK	Black
		Y	Yoke Mount	L	Type III Parking	2B	1000W High Pressure Sodium	B	480V	2	Flat			BZ	Bronze
		S	Spider Mount	H	Type IV	3B	400W Metal Halide	C	5-Tap ³					GR	US Green
				G	Type IV Automotive	5B	450W PS Metal Halide	D	6-Tap ⁴					WH	White
				C	Type V Faceted	6B	750W PS Metal Halide							SP	Special ⁵
				E	Type V High Performance	7B	350W PS Metal Halide								
				M	Type V Automotive	8B	320W PS Metal Halide								
						9B	775W PS Metal Halide								
						10B	750W High Pressure Sodium								
						11B	875W PS Metal Halide								
						12B	575W PS Metal Halide								

NOTES

- Multi-Volt is 120/208/240/277V wired 277V.
- The mounting option specifies how the fixture is to be drilled for the various mounting options that are ordered separately.
- 5-Tap is 120/208/240/277/480V wired 480V.
- 6-Tap is 120/208/240/277/440/480V wired at 440V.
- Custom RAL color matching is available. Contact your Techlight sale representative for additional information.
- VSA-S Arm cannot be used when pole mounting fixtures at 90° increments.
- S115 shield must be specified as left or right sided shield from the mounting side point of view.

Accessories (Order as separate line items)

VSA-S⁶	3" Straight Arm	S133	Large 4 Sided Shield
VSA	12" Straight Arm	S117	Large Vandal Shield
VBLSBY	Large Yoke Mount		
VBLSY	Large Spider Mount		
S84	Large Back Side Shield		
S115⁷	Large 2 Sided Front Side Shield		
S127	Large 3 Sided Front Side Shield		

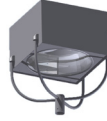
VBL Large Vertical Burn Shoebox

MOUNTING ACCESSORIES

VSA-S¹, VSA (EPA 0.3)
3" and 12" Straight Arms



VBLSY (EPA 0.3)
Large Spider Mount



VBLSBY (EPA 0.4)
Large Yoke Mount



ADDITIONAL FIXTURE ACCESSORIES

S84
Large Back Side Shield



S133
Large 4 Sided Shield



S115²
Large 2 Sided Front Side Shield



S117
Large Vandal Shield



S127
Large 3 Sided Front Side Shield



EPA RATINGS (ft²)

ARM MOUNT		
Fixture Configuration	EPA's ³	
	VSA-S Arm	VSA Arm
1 @ 90°	4.2	4.2
2 @ 180°	8.4	8.4
2 @ 90°	7.7	7.7
3 @ 90°	10.5	10.5
4 @ 90° or 4 @ 70°	14.4	14.4

YOKE/SPIDER MOUNT	
EPA's ³	
VBLSBY Yoke Mount	VBLSY Spider Mount
4.3	4.2

NOTES

- 1 VSA-S Arm cannot be used when pole mounting fixtures at 90° increments.
- 2 S115 shield must be specified as left or right sided shield from the mounting side point of view.
- 3 EPA's shown include both the fixture and the mounting apparatus.



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