TRACE★LITE
BARRON
commercial & industrial lighting

DESCRIPTION

The VPA Series LED linear vaportight features robust construction with an IK08 impact-tested polycarbonate housing designed for easy installation with direct, toolless access to the driver compartment. With its UV-stabilized frosted polycarbonate lens, the VPA Series offers impressive general illumination and is offered in 2', 4' and 8' configurations. Internal switches allow the user to select the CCT between 3500K, 4000K and 5000K to provide project flexibility. An optional integral microwave sensor, centered behind the lens, provides two or three step/level dimming as well as light thresholds/daylight harvesting capability. A battery backup option provides emergency egress lighting for 90 minutes. The VPA Series is designed for indoor and outdoor covered spaces that require protection from dust, dirt and water with its NEMA 4X rating and can be used in a variety of applications including schools, parking garages, covered pathways, hospitals, stores or facilities where NSF certification is required. This unit is rated for Food Zone, Splash Zone: Equipment surfaces that are subject to splash and food spillage during operation of the equipment as well as Non-Food Zone. This series is an easy to install, robust, cost effective solution that is the perfect choice for both new construction and retrofits.

SPECIFICATIONS

Construction:
- UV-stabilized polycarbonate enclosure in a light gray finish, IK08 impact-tested, 2', 4' and 8' lengths
- The fixture is designed with a high-quality polycarbonate lens featuring a unique poured-in gasket to provide superior water and dust ingress protection
- Stainless steel clips secure the lens to the enclosure
- Toolless access to the driver compartment

Optics/LEDs:
- UV-stabilized frosted polycarbonate lens offering an even, diffused light
- General 120° distribution
- Available in three lengths/lumen packages;
  - 2' Unit, 25W, 2969 lumens
  - 4' Unit, 40W, 5200 lumens
  - 8' Unit, 80W, 10,400 lumens
- Significant energy savings compared to traditional light sources, up to 130 LPW
- Color switchable between 3500K, 4000K and 5000K CCT. Switch is located inside the fixture
- L70 >100,000 hours
- CRI ≥80

Electrical:
- Class 2 power supply, 120 to 277VAC, 50/60Hz
- 0-10V Dimming driver

Installation:
- For ceiling or wall surface mount installation, includes mounting clips
- Knockouts provided on the back and both ends of the enclosure for flexibility in mounting
- Toolless access to driver compartment - unit opens up directly to the driver compartment and safety cables retain the lens in place for ease of installation and wiring
- Switches are located inside the unit to avoid any tampering and to maintain weatherproofing
- Not suitable for installation in T-bar ceilings without field mounting modifications (determined by installer)

Accessories:
- Bluetooth PIR motion sensor with daylight harvesting, white finish, 12VDC (LE-MS2-HB1)
- Bluetooth wall switches (LE-SW**X**)
- Optional remote control for Option: SC sensor (TL-MSSW-REMOTE) allows field programming of sensor settings. See sensor detail section for default settings

Warranty:
- Five Year Warranty (Terms and Conditions Apply)

UL CERTIFIED · DLC LISTED · NSF · NEMA4X · IK08 · 5 YEAR WARRANTY · lite logic · Bluetooth®

Specs at a Glance*			
Model	VPA-2	VPA-4	VPA-8
Length	2'	4'	8'
Wattage (W)*	25W	40W	80W
Lumens (lm)	2969	5200	10,400
Efficacy (LPW)	123-130		
CCT (K)	Switchable (3500K-4000K-5000K)		
CRI	≥80		
Input Voltage	120-277VAC, 50/60Hz, 0-10V Dimming		
Operating Temp	-30°C to 40°C (-22°F to 104°F)		
Certifications	cULus Listed for Wet Locations, DLC, NSF, NEMA 4X		
Warranty	5 Years		
Weight*	5.5 lbs	5.5 lbs	12.1 lbs

* Nominal wattage. Tested at 4000K CCT. Values at 120/277VAC.

Note: Environment and application will affect performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Options:
- Integral battery backup option (BB) offers 875 lumens and over 90 minutes of emergency illumination for path of egress. Rated for ambient temperatures of 0°C to 40°C (32°F to 104°F)
- Integral microwave sensor option (SC) behind the lens. Sensor allows for two or three step/level dimming and has optional daylight harvesting capabilities. Settings can be adjusted via dipswitches on the sensor or optional remote control accessory. See sensor details for default sensor settings

Testing & Compliance:
- cULus Listed for Wet Locations
- NEMA 4X Rated
- NSF Certified for food equipment, rated for Food Zone, Splash Zone and Non Food Zone
- Tested to meet IP65 requirements
- DesignLights Consortium® (DLC) Qualified
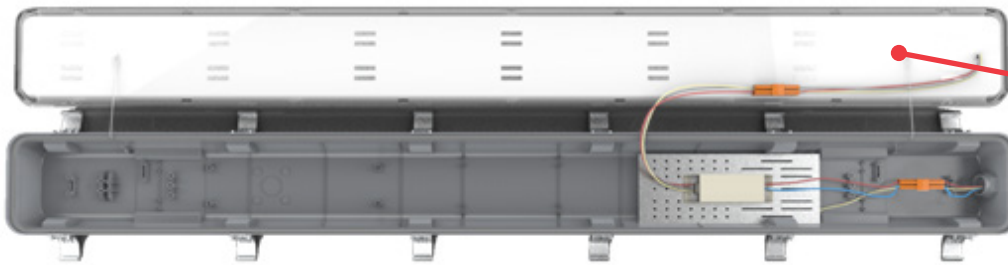- Operating temperatures: -30°C to 40°C (-22°F to 104°F)

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Ordering Information (Example: VPA-4-40-C-SC)

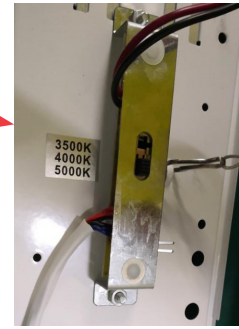| Series	Size/Wattage	CCT	Options (Factory Installed)		
VPA	2-25 = 2', 25 Watts	C = Color Selectable (3500K-4000K-5000K)	BB[1] = Battery Backup		
	4-40 = 4', 40 Watts		SC = Sensor		
	8-80 = 8', 80 Watts				
			LiteLogic Accessories[3] (Field Installed)		
			LE-MS2-HB1 = Bluetooth Enabled Motion PIR Sensor with Daylight Harvesting, 120/277VAC		
			LE-SW2 = Bluetooth Enabled, 5-Button, Battery Powered Wall Switch		
			LE-SW3 = Bluetooth Enabled, 3-Button, Line Voltage Wall Switch (Neutral Required)		
			LE-SW4 = Bluetooth Enabled, 7-Button, Line Voltage Wall Switch (Neutral Required)		
			LE-WP = Wallplate for LE-SW2		
			TL-MSSW-REMOTE[3] = Remote Control for Sensor Field Programming		

Notes

[1] Battery Backup (BB) not available with 2' configuration

[2] Order as a separate line item, shipped in a separate box for installation in the field

[3] Remote control not required if sensor settings are acceptable, or user prefers adjusting via dipswitches on individual sensors
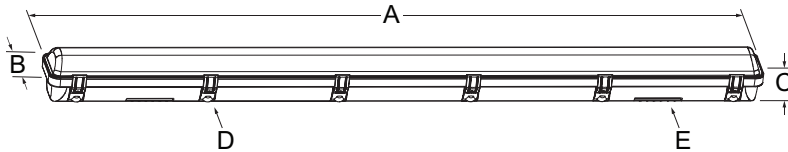
Details - Inside of Unit / Switch Location (VPA-4-40)
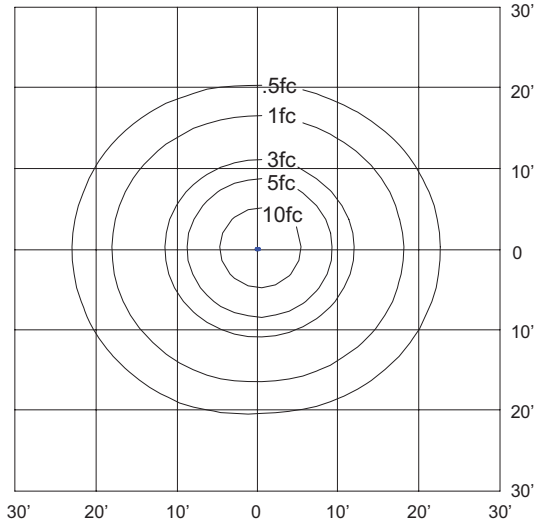

CCT Switchable: 3500K-4000K-5000K

Dimensions

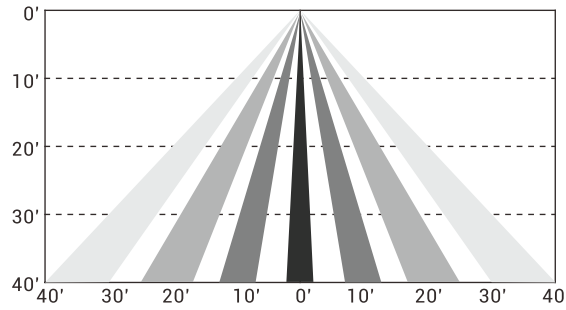| Model	Length (A)	Width (B)	Height (C)	Closure Clips (D)	Mounting Clips (E)
VPA-2-25	23.6"	4.9"	3.6"	4 / Side	2
VPA-4-40	47.6"	4.9"	3.6"	6 / Side	2
VPA-8-80	94.5"	4.9"	4.0"	11 / Side	3

Sample Photometrics

VPA-4-40-C; 4000K CCT
IES: TYPE II Very Short
MOUNTING HEIGHT: **10'**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.22

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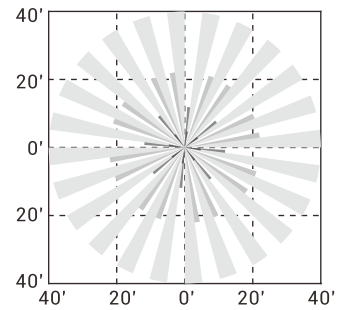800.533.3948 • www.barronltg.com

Sensor Details - Bluetooth Enabled (Accessory: LE-MS2-HB1) Click for sensor details

Coverage Side View

Coverage Top View (40')

SEE APP FOR SENSOR SETTINGS

For a complete list of **LiteLogic** compatible products, click here.

litelogic LIGHTING CONTROLS

Get it from the **App Store**

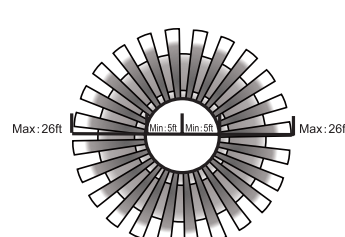Get it from **Google Play**

Note: Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.
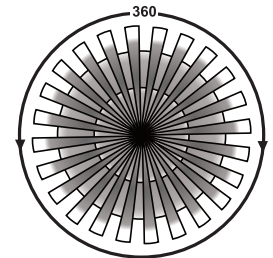

Sensor Details (Option: SC and Accessory: TL-MSSW-REMOTE)

Height of installation 8~12ft

(Height of installation 8ft)
Detection range

Detection angle

• 5.8Ghz C-band microwave sensor located behind the lens
• 120/277VAC 50/60Hz, Maximum load (LED) – 800VA @ 120VAC/1200VA @ 277VAC
• 0-10V max dim control, 25mA sinking current.
• 15 second fixture warm-up time before normal sensor operation
• Can provide two or three step occupancy settings with optional daylight harvesting capabilities
• The sensor is equipped with dipswitches that can be used to adjust settings (no additional accessories required)
• IR remote control programing/commissioning (sold separately) allows user to program with ease;
   • Detection Range/Sensitivity (**100%**, 75%, 50% or 20%)
   • Standby/Hold time before dimming (**10sec**, 1min, 5min, 15min)
   • Light Control/Daylight harvesting (50Lux, **30Lux**, 10Lux, disabled)
   • Dim/Twilight level (0%, 10%, **30%**, 50%)
   • Standby/Twilight time before unit turns off (+∞/does not turn off, 1min, 30min, **60min**)
   • Fixture will turn on/off to confirm setting change by means of dipswitch or remote
• Detection radius up to 26'. Mounting height between 8' – 20'

Sensor Default Settings

• Sensitivity: 100%
• Daylight: 30Lux
• Hold time: 10sec
• Standby time: 60min
• Standby dimming: 30%

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