

· TYPE _____ · DATE _____ · PROJECT _____

VEC

Sage Vector — Bullet Flood Light · Lumen & Kelvin Selectable

Bullet Flood Light

3,000–4,500 lm · 3000 / 4000 / 5000 K · 120–277 VAC · built-in photocell

SUGGESTED SPECIFICATION

Install Sage Vector LED bullet flood lights in a premium powder-coated aluminum housing, dark bronze, with a polycarbonate frosted lens, a knuckle mount for a ½ inch NPT fitting and a built-in photocell, for new construction or retrofit. Luminaires shall deliver 4,500, 3,700 or 3,000 nominal lumens, selectable, in field selectable 3000 K, 4000 K or 5000 K, CRI above 70, with a 2H by 2V beam distribution and long-life LEDs rated 151,000 hours to L70 and 45,000 hours to L90 (IES TM-21-11 calculated). Drivers shall accept universal 120 to 277 VAC, 50 to 60 Hz, with 0 to 10 VDC dimming standard, power factor above 0.90, total harmonic distortion below 20 percent and 4 kV input transient surge protection, from -40 to 45 °C. A line-voltage ground stake and a round canopy mount for a 4 inch junction box shall be available. Luminaires shall be cULus listed for wet locations, comply with FCC part 15 class A, and carry a five-year warranty.

ELECTRICAL SPECIFICATIONS

Universal 120–277 VAC, 50–60 Hz; built-in photocell; 0–10 VDC dimming drivers standard; power factor above 0.90; THD below 20 percent; 4 kV input transient surge protection; -40 to 45 °C ambient. Input current at 120 / 240 / 277 V (4000 K): 0.16 / 0.08 / 0.07 A low, 0.21 / 0.11 / 0.09 A mid, 0.28 / 0.14 / 0.12 A high.

LUMEN TABLE — LUMENS · WATTS BY SETTING & CCT

Setting	3000 K	4000 K	5000 K
Low	2,999 · 20.4 W	3,187 · 19.8 W	3,120 · 20.4 W
Mid	3,707 · 26.5 W	4,008 · 25.4 W	4,077 · 26.5 W
High	4,564 · 35.1 W	5,064 · 33.3 W	4,766 · 34.9 W

Efficacy 130 to 161 lm/W as published. Photometrics: 4,436 lm, 33 W, 133 lm/W, maximum 25,598 cd, BUG B3-U2-G0.

PRODUCT DATA · INPUT

AC Input	120–277 VAC · 50–60 Hz
Control	built-in photocell · 0–10 VDC dimming
Output	4,500 / 3,700 / 3,000 lm nominal, selectable
CCT / CRI	3000 / 4000 / 5000 K selectable · CRI > 70
Beam	2H × 2V
LED life	L70 151,000 h · L90 45,000 h

FEATURES

- Bullet flood light; premium powder-coated aluminum housing, dark bronze; polycarbonate frosted lens
- Selectable output, 4,500 / 3,700 / 3,000 nominal lumens; 3000 K, 4000 K or 5000 K selectable; 2H × 2V beam; CRI above 70
- Built-in photocell; universal 120–277 VAC with 0–10 VDC dimming standard; PF above 0.90; THD below 20 percent; 4 kV surge protection
- Long-life LEDs, 151,000 h to L70 and 45,000 h to L90
- Knuckle mount kit standard (½" NPT); optional line-voltage ground stake and round canopy mount for a 4" junction box
- cULus listed for wet locations, -40 to 45 °C; FCC part 15 class A

TEMPERATURE

Operating Temperature -40 to 45 °C ambient

ORDERING INFORMATION

Nominal Lumen Output, selectable	453730L = 4,500 / 3,700 / 3,000 lm
Kelvin, selectable	3CCT = 3000 / 4000 / 5000 K
Accessories (order separately)	round canopy mounting plate for a ½" swivel arm on a 4" round J-box · line voltage ground stake
Ordering Example: VEC-453730L-3CCT	

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations, -40 to 45 °C ambient. Complies with FCC part 15, class A; input transient surge protection 4 kV.

NOTE: Factory default 4000 K and the highest lumen output; set the color temperature and output at the switches.

NOTE: Compatible 0–10 V dimmers include Best Lighting DWS-010V-T and DWS-010V-D, Leviton IP710-LFZ and Lutron DVSTV (10 to 100 percent).

NOTE: Five-year warranty on all electronics and housing.

“Engineered for the spaces it protects.”