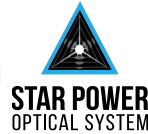
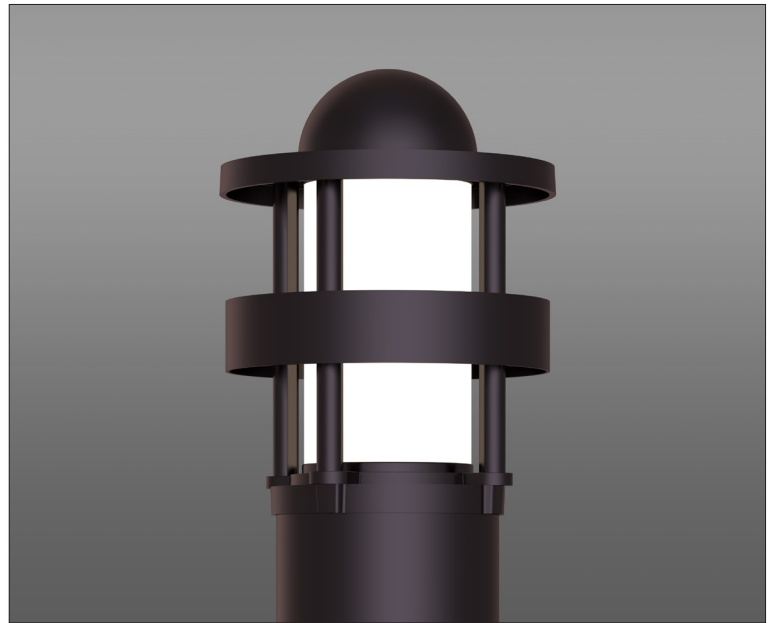


The Westfield LED Bollard is a combination of security, style and vandal resistance that blends beautifully into any walkway environment.

LED wattage ranges from 18 to 33 by using 16 LEDs with Opal standard lens. The Westfield Bollard casts a beautiful combination of uniform direct and indirect illumination that will enhance any marine, retail, or residential upscale project.

The patent pending Star Power™ optical system is made of diffused 95% reflective low-glare optic material. Its performance exceeds IES minimum foot candle levels at lower wattage and extends maintenance cycles throughout its lifetime. Built to conform to the strictest Made in America standards. Designed, tooled, fabricated and assembled in the USA.



### STAR POWER™ OPTICAL SYSTEM

The Star Power™ reflector is an excellent system which provides great value and performance. Star Power Patent number: 10168023

#### LED WATTAGE CHART

	<b>16L</b>
350 milliamps	18w
530 milliamps	25w
700 milliamps	33w

Project Name	Type:
--------------	-------

Cat#	Height	Light Dist.	# of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Options
Westfield-1 (WFB-1)	42" (42)	Type 5 (T5)	16 (16L)	350 (35)	2700K, 70 CRI (27K7)	120-277 (UNV)	Anchor Base (AB)	Bronze Textured (BRZ)	Button Photocell (PC)Ⓢ
				530 (53)	2700K, 80 CRI (27K8)Ⓢ			White Textured (WHT)	Vandal Resistant Base (VRB)
				700 (7)	3000K, 70 CRI (30K7)			Smooth White Gloss (SWT)	Marine Grade Finish (MGF)
					3000K, 80 CRI (30K8)Ⓢ			Silver (SVR)	Clear Lens (CL)
					3500K, 80 CRI (35K8)Ⓢ			Black Textured (BLK)	Emergency Battery Back-Up (EM)
				4000K, 70 CRI (40K7)	Smooth Black Gloss (SBK)			Surge Protector (20K)	
				4000K, 80 CRI (40K8)Ⓢ	Graphite Textured (GPH)				
				5000K, 70 CRI (50K7)	Grey Textured (GRY)				
				5000K, 80 CRI (50K8)Ⓢ	Custom (CS)				

**Notes:**  
 Ⓢ Consult Factory for Lead Time. Consult Factory for 90 CRI Requests.  
 Ⓢ Universal Voltage 120-277

# PRODUCT SPECIFICATIONS

## ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- LED Drivers Ambient Temp. Min is  $-40^{\circ}\text{C}$  and Ambient Temp. Max ranges from  $50^{\circ}\text{C}$  to  $55^{\circ}\text{C}$  and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and  $105^{\circ}\text{C}$
- CRI 70, 80 or 90
- Color temperatures: 2700, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20kA supplied as standard.

## CONSTRUCTION

- Extruded Aluminum. Cast Aluminum.

## OPTIONS

- MARINE GRADE FINISH (MGF) - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

- VANDAL RESISTANT BASE (VRB) -

- CLEAR LENS (CL)

- 20kA SURGE PROTECTOR (20K) -

- EMERGENCY BATTERY BACK-UP (EB)
  - 100-277 VAC  $\pm 10\%$ , 50/60 Hz Input Voltage
  - 43mA Max. Input Current
  - 2.82W Max. Input Power
  - 24-48 Hours Recharge Time
  - Battery Type NiCd 9.6VDC or LiFePO4 9.6VDC
  - 90 Minutes Min. Illumination Time
  - 20W Total Max. LED Powered
  - Class 2 Output Classification

## CONTROL OPTIONS

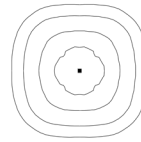
- PHOTOCELL (PC) - Button Type

- Controls Agnostic: Please contact factory for your preferred controls option.

## OPTICS

Recessed Star Power Optical System is 95% reflective material. Utilizes a linear diffused pattern, softening the light distribution and eliminating any dark shadows or striations.

- IES Types



TYPE V (T5)

## FINISH

- 3-5 mils electrostatic powder coat.
- NLS Lighting standard high-quality finishes prevent corrosion and protects against extreme environmental conditions

## WARRANTY

Five-year limited warranty for drivers and LEDs.



The information and specifications on this document are subject to change without any notification. All values are design, nominal, or typical or prorated values when measured under internal and external laboratory conditions.



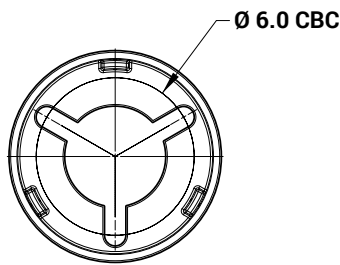
701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nlsighting.com](http://nlsighting.com)

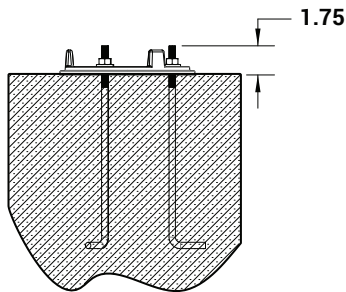
# PRODUCT SPECIFICATIONS

## WESTFIELD BOLLARD - LUMEN DATA CHART

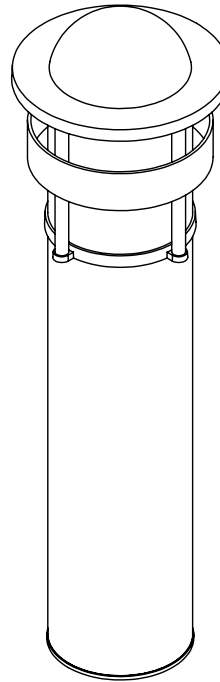
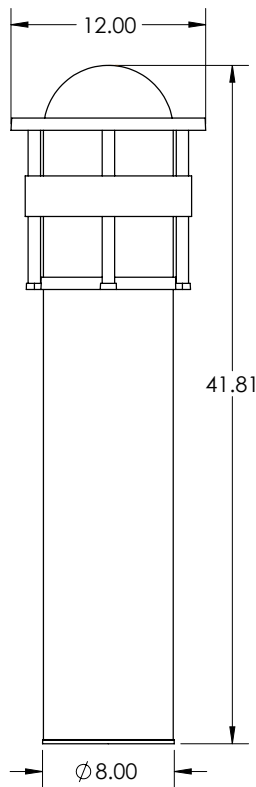
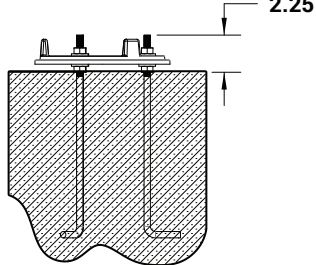
PART NUMBER	T5 LUMENS	Lm/W	WATTS
WFB-1-42-16L-35-30K	1008	56	18
WFB-1-42-16L-35-40K	1080	60	18
WFB-1-42-16L-35-50K	1152	64	18
WFB-1-42-16L-53-30K	1400	56	25
WFB-1-42-16L-53-40K	1500	60	25
WFB-1-42-16L-53-50K	1600	64	25
WFB-1-42-16L-7-30K	1848	56	33
WFB-1-42-16L-7-40K	1980	60	33
WFB-1-42-16L-7-50K	2112	64	33



WITHOUT LEVELING NUT



WITHOUT LEVELING NUT



Vandal Resistant Base (Optional)

WEIGHT	WFB-1
SINGLE	25 LBS