



LED WATTAGE CHART

	32L	48L
350 milliamps	33w	51w
530 milliamps	54w	80w
700 milliamps	71w	104w

Bella Vista LED luminaire, which means "beautiful view," features the patent pending Star Power optical system. The Star Power Full Cutoff reflector system is an excellent system which provides great value and performance while being Dark Sky friendly and neighborhood sensitive because its light source is recessed and hidden two to three inches above the fixture's lens aperture, within the fixture top.

Bella Vista is available from 33 to 104 watts and its optical system is available in Type 3 and Type 5 distributions. The Star Power reflector casts light at a distance of up to five mounting heights with perfect uniformity.

The Bella Vista LED luminaire is available in two sizes to mount as post top or wall mount. Kelvin temperature offerings from Amber, 2700K, 3000K, 3500K, 4000K and 5000K. Frosted textured glass is Standard lens. Consult factory for custom lens options.

This "beautiful view" is built to conform to the strictest Made in America standards. It is designed, tooled, fabricated and assembled in the USA.

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).



STAR POWER™ OPTICAL SYSTEM

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

Project Name:

Type:

BELLA VISTA 1 ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
Bella Vista 1 (BV-1)	Type 3 (T3)	32 (32L)	350 (35)	Amber 586-600nm (AMBER) ^{5, 7, 8}	120-277 (UNV)
	Type 5 (T5)	48 (48L)	530 (53)	2700K, 70 CRI (27K7)	347-480 (HV)
			700 (7)	2700K, 80 CRI (27K8) ¹	
				3000K, 70 CRI (30K7)	
				3000K, 80 CRI (30K8) ¹	
				3500K, 80 CRI (35K8) ¹	
				4000K, 70 CRI (40K7)	
				4000K, 80 CRI (40K8) ¹	
				5000K, 70 CRI (50K7)	
				5000K, 80 CRI (50K8) ¹	

Mounting	Color	Controls Options	Options	Lens Options
Post Top Over 2-3/8" OD (T2R)	Bronze Textured (BRZ)	Custom Controls Integration (CCI) ⁴	Marine Grade Finish (MGF)	Clear Side Lens (CSL)
Post Top Over 3" OD (T3R)	White Textured (WHT)	Button Type Photocell (PC) ²	House Side Shield (HSS)	
Arm Mount (AM) ³	Smooth White Gloss (SWT)		Buy American Act (BAA) ⁶	
	Silver Metallic (SVR)		Trade Agreement Act (TAA) ⁶	
	Black Textured (BLK)		Build America Buy American (BABA) ⁶	
	Smooth Black Gloss (SBK)			
	Graphite Textured (GPH)			
	Grey Textured (GRY)			
	Green Textured (GRN)			
	Hunter Green Textured (HGN)			
	Custom (CS)			

NOTES:

1. Consult Factory for Lead Time. Consult Factory for 90 CRI Requests.
2. Universal Voltage 120-277
3. Consult Factory
4. Please contact Factory for Custom Control Integration requests
(nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
5. Turtle Safe
6. Consult factory for all BAA/TAA/BABA requests
7. Consult Factory for Lead Time
8. Not available above 1000mA



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

nlsighting.com

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°C and Ambient Temp. Max ranges from 50°C to 55°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°C
- CRI 70, 80 or 90
- Color temperatures: Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

CONSTRUCTION

- 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.
- SHIELD (HSS) - House Side Shield (HSS) is designed for full property line cutoff.
- CLEAR SIDE LENS - Clear lens, frosted textured is standard.

CONTROL OPTIONS

- PHOTOCELL - Button type photocell.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, DALI II, Avi-On, or other control systems)

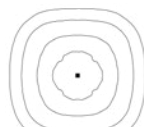
OPTICS

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 III (T3)



TYPE V (T5)

FINISH

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

WARRANTY

Five-year limited warranty for drivers and LEDs.

LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0

BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

<https://nslighting.com/buy-american/>



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



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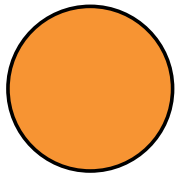
nslighting.com

PRODUCT SPECIFICATIONS

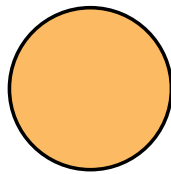
BELLA VISTA - LUMEN DATA CHART

PART NUMBER	T3 OPTIC	Lm/W	T5 OPTIC	Lm/W	SYSTEM WATTS
BV-1 32L-35-30K7	3234	98	3168	96	33
BV-1 32L-35-40K7	3399	103	3300	100	33
BV-1 32L-35-50K7	3531	107	3432	104	33
BV-1 32L-53-30K7	5292	98	5184	96	54
BV-1 32L-53-40K7	5562	103	5400	100	54
BV-1 32L-53-50K7	5778	107	5616	104	54
BV-1 32L-7-30K7	6958	98	6816	96	71
BV-1 32L-7-40K7	7313	103	7100	100	71
BV-1 32L-7-50K7	7597	107	7384	104	71
BV-1 48L-35-30K7	4998	98	4896	96	51
BV-1 48L-35-40K7	5253	103	5100	100	51
BV-1 48L-35-50K7	5457	107	5304	104	51
BV-1 48L-53-30K7	7840	98	7680	96	80
BV-1 48L-53-40K7	8240	103	8000	100	80
BV-1 48L-53-50K7	8560	107	8320	104	80
BV-1 48L-7-30K7	10192	98	9984	96	104
BV-1 48L-7-40K7	10712	103	10400	100	104
BV-1 48L-7-50K7	11128	107	10816	104	104

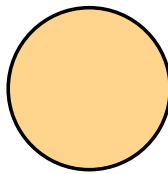
LED KELVIN RANGE



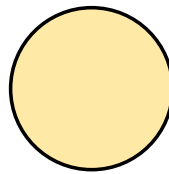
AMBER
585-600 nm



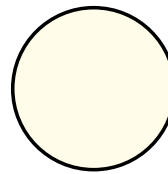
2700K 70 CRI



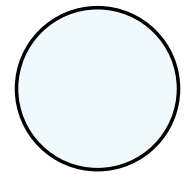
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

PRODUCT SPECIFICATIONS

BV-1	EPA
	1.83 ft^2

DIMENSION	BV-1
A	31.5 in
B	15 in

WEIGHT
27 LB.

