



LED WATTAGE CHART

	16L
400 milliamps	21w
530 milliamps	28w
700 milliamps	36w
1050 milliamps	56w

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 21 to 56 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

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 MINI ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
Bella Vista Mini (BV-M)	Type 3 (T3)	16 (16L)	400 (40)	Amber 586-600nm (AMBER) ^{4, 6, 7}	120-277 (UNV)
	Type 5 (T5)		530 (53)	2700K, 70 CRI (27K7)	347-480 (HV)
			700 (7)	2700K, 80 CRI (27K8) ¹	
			1050 (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
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Post Top
Over 2-3/8" OD
(T2R)Post Top
Over 3" OD
(T3R)Bronze Textured
(BRZ)White Textured
(WHT)Smooth White Gloss
(SWT)Silver Metallic
(SVR)Black Textured
(BLK)Smooth Black Gloss
(SBK)Graphite Textured
(GPH)Grey Textured
(GRY)Green Textured
(GRN)Hunter Green Textured
(HGN)Custom
(CS)Custom Controls Integration
(CCI) ³Button Type Photocell
(PC) ²Marine Grade Finish
(MGF)House Side Shield
(HSS)Buy American Act
(BAA) ⁵Trade Agreement Act
(TAA) ⁵Build America Buy American
(BABA) ⁵Clear Side Lens
(CSL)

NOTES:

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



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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.

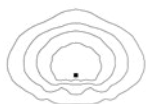
CONTROL OPTIONS

- 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)

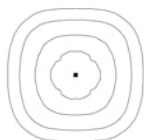
OPTICS

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://nlsighting.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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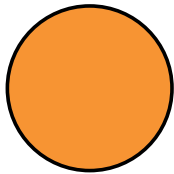
nlsighting.com

PRODUCT SPECIFICATIONS

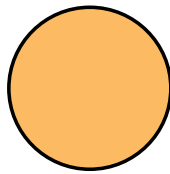
BELLA VISTA - LUMEN DATA CHART

PART NUMBER	T3 OPTIC	Lm/W	T5 OPTIC	Lm/W	SYSTEM WATTS
BV-M-16L-40-27K7	1884	90	1602	76	21
BV-M-16L-40-27K8	1764	84	1500	71	21
BV-M-16L-40-30K8	1891	90	1609	77	21
BV-M-16L-40-30K7	2037	97	1733	83	21
BV-M-16L-40-35K8	1891	90	1609	77	21
BV-M-16L-40-40K8	2037	97	1733	83	21
BV-M-16L-40-40K7	2201	105	1872	89	21
BV-M-16L-40-50K8	2037	97	1733	83	21
BV-M-16L-40-50K7	2201	105	1872	89	21
BV-M 16L-53-30K7	2744	98	2688	96	28
BV-M 16L-53-40K7	2884	103	2800	100	28
BV-M 16L-53-50K7	2996	107	2912	104	28
BV-M 16L-7-30K7	3528	98	3456	96	36
BV-M 16L-7-40K7	3708	103	3600	100	36
BV-M 16L-7-50K7	3852	107	3744	104	36
BV-M 16L-1-30K7	5398	98	5352	96	56
BV-M 16L-1-40K7	5768	103	5600	100	56
BV-M 16L-1-50K7	5992	107	5824	104	56

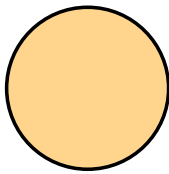
LED KELVIN RANGE



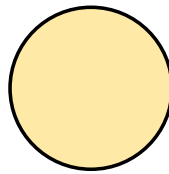
AMBER
585-600 nm



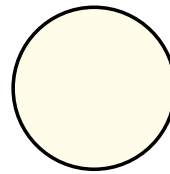
2700K 70 CRI



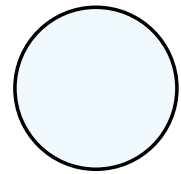
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

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

PRODUCT SPECIFICATIONS

BV-M	EPA
	0.85 FT^2

DIMENSION	BV-M
A	18.5 in
B	9 in

WEIGHT
10 LB.

