



LED WATTAGE CHART

	16L	32L	48L
350 milliamps	-	34w	53w
400 milliamps	21w	-	-
530 milliamps	26w	54w	80w
700 milliamps	33w	71w	104w

The Cambria adds a touch of class and elegance to any Municipal or Residential project. Architectural form by day and efficient by night. The Cambria is the perfect low glare solution for any Roadway, Street, Residential or Pathway project.

Utilizing the latest LED technology – The Patented **STAR POWER™ Optical System** keeps glare to a bare minimum.

Optical System: Patented **STAR POWER™ Optical System**, with an outer Injection molded refractor available in IES Distributions T3 and T5. Offered in 2700K, 3000K, 3500K, 4000K, and 5000K color temperature.

Mounting: The Cambria Post Top fits 3" OD (**PT3**) tenon. Stainless Steel Set screws are provided by factory to secure the Cambria to the pole tenon.

The Cambria has an easy, accessible door below the light engine that houses the Nema 7-Pin Receptacle (PE7).

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:

CAMBRIA ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
Cambria (CAM-1)	Type 3 (T3)	16 (16L)	350 (35)	Amber 586-600nM (AMBER) ^{4, 7, 8}	120-277 (UNV)
	Type 5 (T5)	32 (32L)	400 (40) ⁶	2700K, 70 CRI (27K7)	347-480 (HV)
		48 (48L)	530 (53)	2700K, 80 CRI (27K8) ¹	
			700 (7)	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
Post Top Over 3" OD (PT3)	Bronze Textured (BRZ)	Nema 7-Pin Receptacle (PE7)	Marine Grade Finish (MGF)
	White Textured (WHT)	Photocell + Receptacle (PCR)	House Side Shield (HSS)
	Smooth White Gloss (SWT)	Receptacle + Shorting Cap (PER)	Buy American Act (BAA) ⁵
	Silver Metallic (SVR)	Custom Controls Integration (CCI) ³	Trade Agreement Act (TAA) ⁵
	Black Textured (BLK)	Button Type Photocell (PC) ²	Build America Buy American (BABA) ⁵
	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. 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. 16L Only
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: 2700, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

CONSTRUCTION

- Cast Aluminum, Spun 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.
- House Side Shield (HSS) is designed for full property line cut-off.

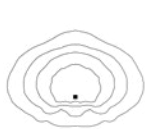
CONTROL OPTIONS

- NEMA 7-PIN RECEPTACLE (PE7)—An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.
- PHOTOCELL + RECEPTACLE (PCR)—7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.
- RECEPTACLE + SHORTING CAP (PER)—7-Pin Receptacle and Shorting Cap.
- 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 Lighting standard high-quality finishes prevent corrosion and protects against 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
- IP65 Rated
- 3G Vibration Rated per ANSI C136.31-2010

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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PRODUCT SPECIFICATIONS

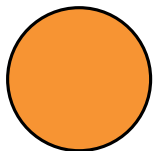
CAMBRIA LUMEN DATA CHART

PART NUMBER	T3 LUMENS	T3 LM/W	T5 LUMENS	T5 LM/W	Watts
CAM-1-16L-40-27K7	1355	65	1734	83	21
CAM-1-16L-40-27K8	1269	60	1624	77	21
CAM-1-16L-40-30K8	1360	65	1741	83	21
CAM-1-16L-40-30K7	1465	70	1875	89	21
CAM-1-16L-40-35K8	1360	65	1741	83	21
CAM-1-16L-40-40K8	1465	70	1875	89	21
CAM-1-16L-40-40K7	1583	75	2026	96	21
CAM-1-16L-40-50K8	1465	70	1875	89	21
CAM-1-16L-40-50K7	1583	75	2026	96	21
CAM-1-16L-53-30K7	2444	94	2496	96	26
CAM-1-16L-53-40K7	2522	97	2600	100	26
CAM-1-16L-53-50K7	2626	101	2704	104	26
CAM-1-16L-7-30K7	3102	94	3168	96	33
CAM-1-16L-7-40K7	3201	97	3300	100	33
CAM-1-16L-7-50K7	3333	101	3432	104	33
CAM-1-32L-35-30K7	3196	94	3264	96	34
CAM-1-32L-35-40K7	3298	97	3400	100	34
CAM-1-32L-35-50K7	3434	101	3536	104	34
CAM-1-32L-53-30K7	5076	94	5184	96	54
CAM-1-32L-53-40K7	5238	97	5400	100	54
CAM-1-32L-53-50K7	5454	101	5616	104	54
CAM-1-32L-7-30K7	6674	94	6816	96	71
CAM-1-32L-7-40K7	6887	97	7100	100	71
CAM-1-32L-7-50K7	7171	101	7384	104	71
CAM-1-48L-35-30K7	4982	94	5088	96	53
CAM-1-48L-35-40K7	5141	97	5300	100	53
CAM-1-48L-35-50K7	5353	101	5512	104	53
CAM-1-48L-53-30K7	7520	94	7680	96	80
CAM-1-48L-53-40K7	7760	97	8000	100	80
CAM-1-48L-53-50K7	8080	101	8320	104	80
CAM-1-48L-7-30K7	9776	94	9984	96	104
CAM-1-48L-7-40K7	10088	97	10400	100	104
CAM-1-48L-7-50K7	10504	101	10816	104	104

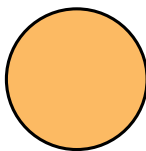
Lumen Maintenance Data

Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			

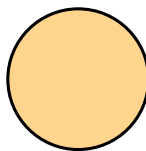
LED KELVIN RANGE



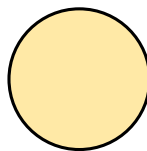
AMBER
585-600 nm



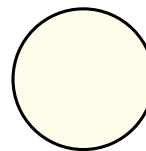
2700K 70 CRI



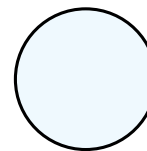
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



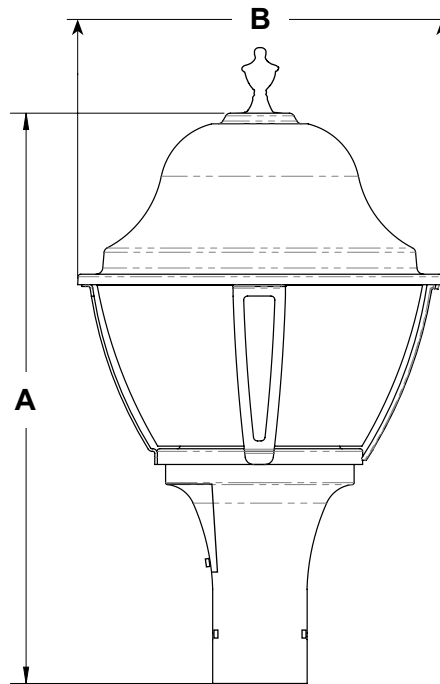
5000K 70 CRI

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

PRODUCT SPECIFICATIONS

DIMENSION	CAMBRIA
A	27.22 in.
B	17.39 in.
WEIGHT	20 lbs.

EPA	
SINGLE	.84



The Cambria includes 3" Cast *Finial* as standard, powder-coated finish to match fixture.

