

Lira Wall Sconce (LWS)—a light column blending beauty, design, and expression into a single powerful luminaire.

Available in Warm (3000K), Neutral (4000K) and Cool (5000K).

Enjoy creating various lighting effects for all different applications or can be continuous warm, neutral, or cool white for an even glow. Columns can be conveniently programmed with other fixtures. Color-changing across all fixtures effect can be identically coordinated and timed, creating a multi-level fusion of light that will enhance any project design.

Standard LWS lengths ranges from 3 to 8 feet. Its column uses an acrylic lens, which is reinforced by integral tubing.

Conforms to the strictest Made in America standards—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:

# LWS ORDERING GUIDE

| Cat#                      | Light Dist.        | Wattage / Lens Ht.    | Color Temp./CCT         | Voltage          | Base / Top Height |
|---------------------------|--------------------|-----------------------|-------------------------|------------------|-------------------|
| Lira Wall Sconce<br>(LWS) | Symmetric<br>(SYM) | 22W / 1' Lens<br>(22) | 3000K, 80 CRI<br>(30K8) | 120-277<br>(UNV) | 1'<br>(1) 1       |
|                           |                    | 44W / 2' Lens<br>(44) | 3500K, 80 CRI<br>(35K8) |                  | 2'<br>(2) 1       |
|                           |                    | 66W / 3' Lens<br>(66) | 4000K, 80 CRI<br>(40K8) |                  |                   |
|                           |                    | 88W / 4' Lens<br>(88) | 5000K, 80 CRI<br>(50K8) |                  |                   |

## Color

## Options

|                                |  |
|--------------------------------|--|
| Bronze Textured<br>(BRZ)       | Marine Grade Finish<br>(MGF)           |
| White Textured<br>(WHT)        | Emergency Battery Back-Up<br>(EBB)     |
| Smooth White Gloss<br>(SWT)    | 20KA Surge Protector<br>(20KA)         |
| Silver Metallic<br>(SVR)       | Buy American Act<br>(BAA) 2            |
| Black Textured<br>(BLK)        | Trade Agreement Act<br>(TAA) 2         |
| Smooth Black Gloss<br>(SBK)    | Build America Buy American<br>(BABA) 2 |
| Graphite Textured<br>(GPH)     | Custom Controls Integration<br>(CCI) 3 |
| Grey Textured<br>(GRY)         |  |
| Green Textured<br>(GRN)        |  |
| Hunter Green Textured<br>(HGN) |  |
| Custom<br>(CS)                 |  |

### NOTES:

1. Base and Top are dimensionally equal
2. Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
3. Consult factory for all BAA/TAA/BABA requests



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

nslighting.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  $-40^{\circ}\text{C}$  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
- Color temperatures: 3000K, 4000K, 5000K and RGBW

### CONSTRUCTION

- 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.
- 20KA SURGE PROTECTOR
- EMERGENCY BATTERY BACK-UP

### 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.

- 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)

### 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

- UL Listed in compliance with UL 1598, the Standard for Safety of Luminaires, including the applicable wet location requirements
- Compliant with UL 8750 LED driver design and test safety standards

### 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, or typical or prorated values when measured under internal and external laboratory conditions.

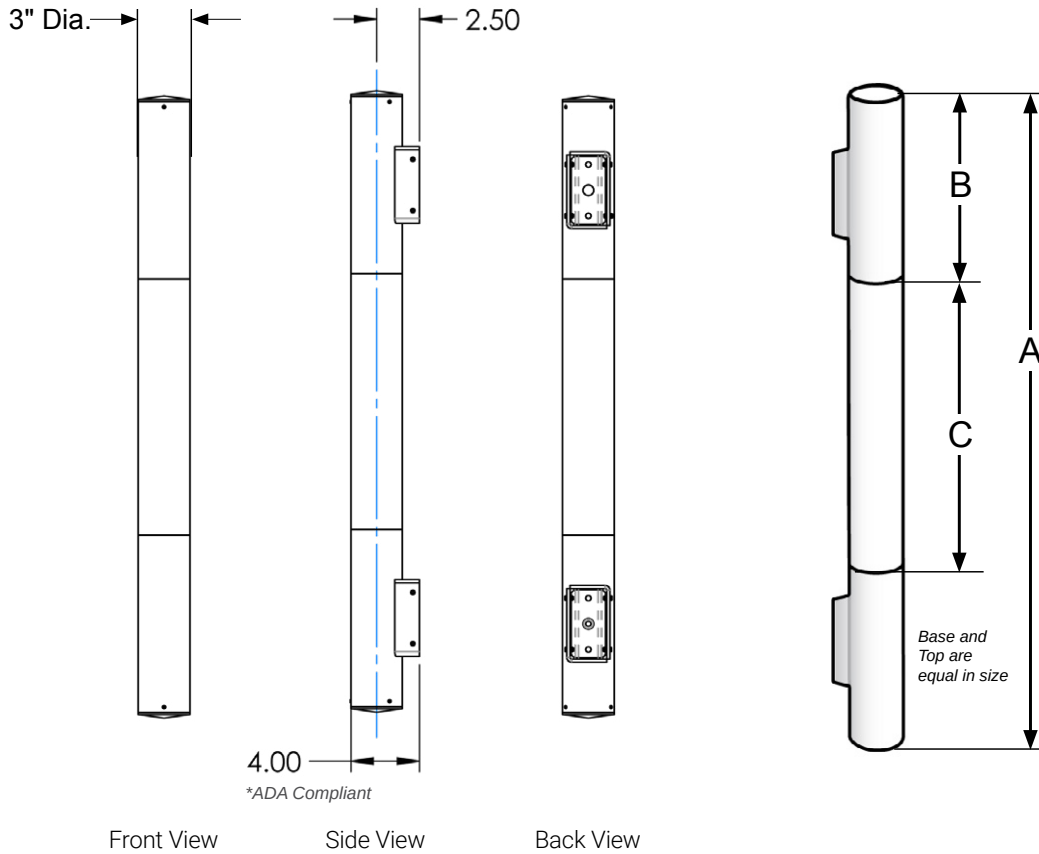


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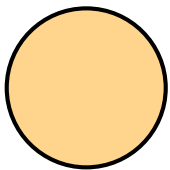
[nslighting.com](https://nslighting.com)

# PRODUCT SPECIFICATIONS

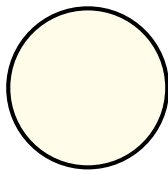
| DIMENSION | LWS    |
|-----------|--------|
| A         | 3-8 FT |
| B         | 1-2 FT |
| C         | 1-4 FT |



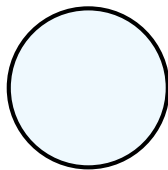
## LED KELVIN RANGE



3000K 70 CRI



4000K 70 CRI



5000K 70 CRI

### 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

# PRODUCT SPECIFICATIONS

| LIRA WALL SCONCE- LUMEN DATA CHART |        |      |       |
|------------------------------------|--------|------|-------|
| PART NUMBER                        | LUMENS | Lm/W | WATTS |
| LWS-SYM-22-30K7                    | 2863   | 130  | 22    |
| LWS-SYM-22-40K7                    | 2892   | 131  | 22    |
| LWS-SYM-22-50K7                    | 3037   | 138  | 22    |
| LWS-SYM-44-30K7                    | 5726   | 130  | 44    |
| LWS-SYM-44-40K7                    | 5784   | 131  | 44    |
| LWS-SYM-44-50K7                    | 6073   | 138  | 44    |
| LWS-SYM-66-30K7                    | 8590   | 130  | 66    |
| LWS-SYM-66-40K7                    | 8676   | 131  | 66    |
| LWS-SYM-66-50K7                    | 9110   | 138  | 66    |
| LWS-SYM-88-30K7                    | 11453  | 130  | 88    |
| LWS-SYM-88-40K7                    | 11568  | 131  | 88    |
| LWS-SYM-88-50K7                    | 12147  | 138  | 88    |

## MARINE GRADE FINISH (MGF)

The **(MGF)** is a multi step process. 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.



### Powder Coat Finish

3-5 mil Powder Coat

### Primer Layer

3-5 mil Zinc Rich Super Durable Polyester Primer

### Prepared Casting

Chemically washed in multi Step 5 stage cleaning process