



LED WATTAGE CHART

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

CAB Wall Mount is a combination of security, style and Vandal resistance that blends into any environment.

With 16 LED offering, this luminaire ranges from 21 to 56 watts at beautiful Types 2, 3, 4, and 5 light distribution. Its illuminating glow is produced by Silicone Micro Optics. Kelvin temperature offering of Amber, 2700, 3000, 3500, 4000, and 5000 are available.

It is finished with 3-5 mils of rich-textured powder coat and stainless steel hardware. 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).



MICRO OPTIC SYSTEM

Our new cell-enclosed, micro optic silicone modules produce high clarity and outstanding performance.

Project Name:

Type:

CAB-AM ORDERING GUIDE

| Cat# | Light Dist. | No. of LEDs | Milliamps | Kelvin | Volts |
|-----------------------------------|--------------------------------|---|-------------|--|------------------|
| Cab Wall Mount (CAB-W) | Type 2 (T2) | 16 (16L) | 400 (40) | Amber 585-600nm - Custom (AMBER) ① | 120-277 (UNV) |
| | Type 3 (T3) | | 530 (53) | 2700K, 70 CRI - Custom (27K7) | |
| | Type 4 (T4) | | 700 (7) | 2700K, 80 CRI - Std. (27K8) ① | |
| | Type 5 (T5) | | 1050 (1) | 3000K, 70 CRI - Custom (30K7) | |
| | | | | 3000K, 80 CRI - Std. (30K8) ① | |
| | | | | 3500K, 80 CRI - Custom (35K8) ① | |
| | | | | 4000K, 70 CRI - Custom (40K7) | |
| | | | | 4000K, 80 CRI - Custom (40K8) ① | |
| | | | | 5000K, 70 CRI - Custom (50K7) | |
| | | | | 5000K, 80 CRI - Custom (50K8) ① | |
| Mounting | Color | Options | | | |
| Wall Mount (WM) | Bronze Textured (BRZ) | Marine Grade Finish (MGF) | | | |
| Direct Pole Round 6" (DPR6) | White Textured (WHT) | House Side Shield (HSS) | | | |
| | Smooth White Gloss (SWT) | Buy American (BAA) ① | | | |
| | Silver Metallic (SVR) | Trade American (TAA) ① | | | |
| | Black Textured (BLK) | Build America Buy American (BABA) ① | | | |
| | Smooth Black Gloss (SBK) | Custom Controls Integration (CCI) ① | | | |
| | Graphite Textured (GPH) | | | | |
| | Grey Textured (GRY) | | | | |
| | Green Textured (GRN) | | | | |
| | Hunter Green Textured (HGN) | | | | |
| | Custom (CS) | | | | |

Notes:

- ① Consult Factory for Lead Time and 90 CRI Requests
- ② Please contact Factory for Custom Control Integration requests
(nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi,
Dali II, or other control systems)
- ③ Turtle Safe
- ④ Consult factory for all BAA/TAA/BABA requests



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

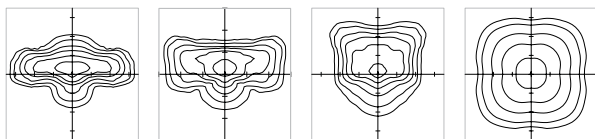
OPTIONS

- 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.

OPTICS

Silicone optics high photo-thermal stability and light output provides higher powered LEDs with minimized lumen depreciation LED life. UV and thermal stability with scratch resistance increases exterior application durability.

- IES Types



TYPE II (T2)

TYPE III (T3)

TYPE IV (T4)

TYPE V (T5)

- 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 Light's standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

WARRANTY

Five-year limited warranty for drivers and LEDs.

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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PRODUCT SPECIFICATIONS

CAB-W LUMEN DATA CHART

| PART NUMBER | T2 OPTIC | Lm/W | B.U.G. | T3 OPTIC | Lm/W | B.U.G. | T4 OPTIC | Lm/W | B.U.G. | T5 OPTIC | Lm/W | B.U.G. | WATTS |
|-------------------|----------|------|----------|----------|------|----------|----------|------|----------|----------|------|----------|-------|
| CAB-16L-40-27K7 | 2007 | 96 | | 1990 | 95 | | 1937 | 92 | | 2078 | 99 | | 21 |
| CAB-16L-40-27K8 | 1880 | 90 | | 1863 | 89 | | 1814 | 86 | | 1945 | 93 | | 21 |
| CAB-16L-40-30K8 | 2015 | 96 | | 1998 | 95 | | 1945 | 93 | | 2086 | 99 | | 21 |
| CAB-16L-40-30K7 | 2170 | 103 | | 2152 | 102 | | 2094 | 100 | | 2246 | 107 | | 21 |
| CAB-16L-40-35K8 | 2015 | 96 | | 1998 | 95 | | 1945 | 93 | | 2086 | 99 | | 21 |
| CAB-16L-40-40K8 | 2170 | 103 | | 2152 | 102 | | 2094 | 100 | | 2246 | 107 | | 21 |
| CAB-16L-40-40K7 | 2345 | 112 | | 2325 | 111 | | 2263 | 108 | | 2427 | 116 | | 21 |
| CAB-16L-40-50K8 | 2170 | 103 | | 2152 | 102 | | 2094 | 100 | | 2246 | 107 | | 21 |
| CAB-16L-40-50K7 | 2345 | 112 | | 2325 | 111 | | 2263 | 108 | | 2427 | 116 | | 21 |
| CAB-W-16L-53-30K7 | 2968 | 106 | B1-U3-G1 | 2940 | 105 | B1-U3-G1 | 2856 | 102 | B1-U0-G1 | 3052 | 109 | B2-U3-G1 | 28 |
| CAB-W-16L-53-40K7 | 3080 | 110 | B1-U3-G1 | 3052 | 109 | B1-U3-G1 | 2968 | 106 | B1-U0-G1 | 3192 | 114 | B2-U3-G1 | 28 |
| CAB-W-16L-53-50K7 | 3192 | 114 | B1-U3-G1 | 3164 | 113 | B1-U3-G1 | 3080 | 110 | B1-U0-G1 | 3304 | 118 | B2-U3-G1 | 28 |
| CAB-W-16L-7-30K7 | 3816 | 106 | B1-U3-G1 | 3780 | 105 | B1-U3-G1 | 3672 | 102 | B1-U0-G1 | 3924 | 109 | B3-U3-G1 | 36 |
| CAB-W-16L-7-40K7 | 3960 | 110 | B1-U3-G1 | 3924 | 109 | B1-U3-G1 | 3816 | 106 | B1-U0-G1 | 4104 | 114 | B3-U3-G1 | 36 |
| CAB-W-16L-7-50K7 | 4104 | 114 | B1-U3-G1 | 4068 | 113 | B1-U3-G1 | 3960 | 110 | B1-U0-G1 | 4248 | 118 | B3-U3-G1 | 36 |
| CAB-W-16L-1-30K7 | 5936 | 106 | B1-U3-G1 | 5880 | 105 | B1-U3-G1 | 5712 | 102 | B1-U0-G2 | 6104 | 109 | B3-U3-G1 | 56 |
| CAB-W-16L-1-40K7 | 6160 | 110 | B1-U3-G1 | 6104 | 109 | B2-U3-G2 | 5936 | 106 | B1-U0-G2 | 6384 | 114 | B3-U3-G1 | 56 |
| CAB-W-16L-1-50K7 | 6384 | 114 | B1-U3-G1 | 6328 | 113 | B1-U3-G1 | 6160 | 110 | B1-U0-G2 | 6608 | 118 | B3-U3-G1 | 56 |

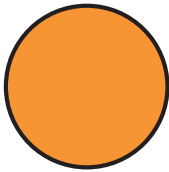
LUMEN MAINTENANCE DATA

| 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% |
| | 1050mA | 38,000 | 96,000 | 93.0% | 85.4% | 81.8% | 68.8% |

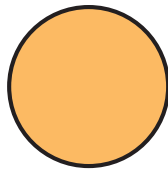
*Reported extrapolations per IESNA TM-21

**Projected extrapolations per IESNA TM-21

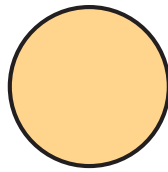
LED KELVIN RANGE



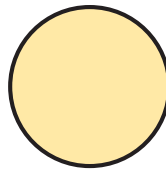
AMBER
585-600 nm



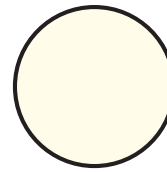
2700K 70 CRI



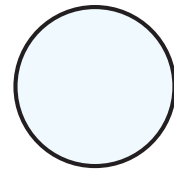
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

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

PRODUCT SPECIFICATIONS

| DIMENSION | CAB-W |
|------------|--------|
| A | 13.27" |
| B | 19" |
| C | 6" |
| EPA | 1.02 |

