

Product Description

The heavy-duty NICOR USL LED string light delivers bright, reliable illumination for construction sites, workshops, temporary installations, and outdoor applications. Designed as a modern replacement for traditional incandescent string lights, it provides powerful, even light output with excellent energy efficiency, helping reduce power consumption and operating costs. The rugged, industrial-grade construction features impact-resistant, UV-protected housings and integrated hanging hooks for fast, flexible installation in demanding environments. Weather-resistant and built to withstand dust and moisture, this LED string light is suitable for indoor or outdoor use. Multiple strands can be easily linked together to extend coverage across large areas, while long-life LEDs minimize maintenance and downtime. With simple plug-and-play setup and dependable performance, the NICOR USL string light is an ideal solution for temporary, task, or utility lighting needs.

Construction

- Polymer housing
- Molded NEMA 115 (2-prong) plug and socket with covers
- 10ft SJTW 18/2 cord between heads

Optical System

- Frosted polycarbonate lens
- 130° beam angle
- Available in 5000K
- Utilizes high performing LEDs with > 80 CRI

Electrical

- 120VAC Input Voltage
- Non-dimmable
- Operating temperature rating of -40°F to 104°F (-40°C to 40°C)

Finish

- Yellow

Mounting and Installation

- Snap-lock carabiner at each head
- Linkable up to 3 units - 300ft total

Listings

- cETLus 1598 Listed for wet locations
- IP65 rated
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L70 life >18,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Warranty

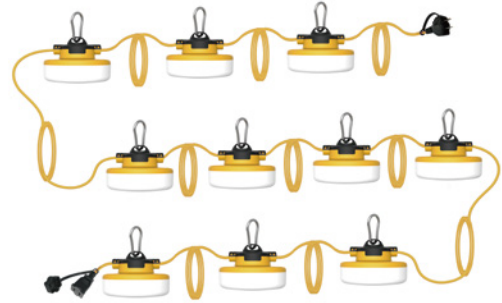
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.)
For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel

Project

Catalog

Type

Date



USL
LED String Light
16000 Lumens
5000K



NICOR[®]

Ordering

Ordering Information

Example: USL110018212085YL

Series	Version	Length (ft)	Wire Type	Input Voltage	CRI	CCT	Finish Color
USL	1	100	182 (18/2)	120 (120VAC)	8 (80+)	5 (5000K)	YL (Yellow)

Specifications and dimensions subject to change without notice. Please refer to the website for the most up-to-date information.

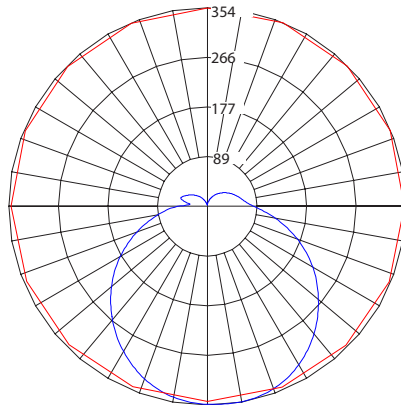
Performance Data

Performance Data				
Wattage	CCT	Lumens	Wattage	Lumens/Watt
150W	5000	15295	127	120.4

Photometric Data

USL 5K - Per Head

Input Voltage (VAC)	120
System Level Power (W)	12.7
Delivered Lumens (Lm)	1529
System Efficacy (Lm/W)	120.4
Correlated Color Temp (K)	5000
Color Rendering Index (CRI)	80
Horizontal Beam Angle (°)	130
Spacing Criteria (0-180)	1.34
Spacing Criterion (90-270)	1.38



Note: Photometric Curve is for a single head only.

Cone of Light Tabulation - Per Head

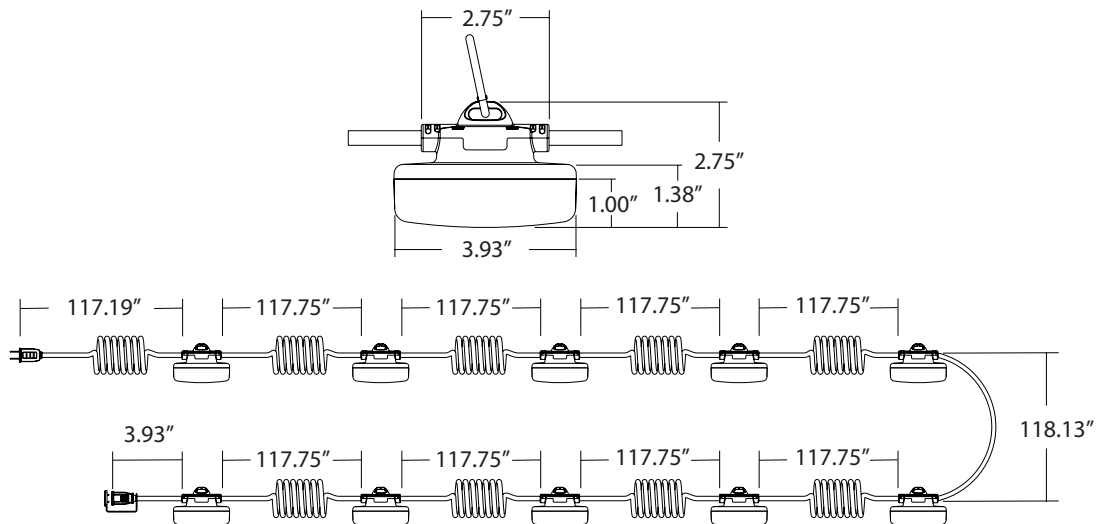
Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
8	5.5	33.8
10	3.5	42.3
12	2.5	50.8
14	1.8	59.2
16	1.4	67.7

Zonal Lumen Summary - Per Head

Zone	Lumens	% of Luminaire
0-30	282	18.4%
0-40	468	30.6%
0-60	868	56.7%
0-90	1277	83.5%
90-180	252	16.5%
0-180	1529	100%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Dimensions



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.