

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

## LSU LED Utility Wrap Control Ready Series *Wattage and Color Selectable*



### Product Description:

A cost-effective utility wrap with tremendous flexibility, the LSU Series is both wattage and CCT selectable, controls ready, and provides an emergency battery backup option. This durable linear fixture delivers long lasting illumination and critical energy savings in locations where lights are on 24/7, such as stairwells, parking garages and utility areas.

### Features:

- CCT and Wattage selectable
- Controls Ready – can be paired with the new cMax controls nodes
- 0-10V dimming standard
- CRI>80
- Universal voltage 120-277V
- L70 lumen maintenance of 100,000 hours
- Sheet metal (steel) housing and PMMA lens for smooth diffused distribution
- Operating temperature: -4°F to 122°F, except fixtures with EM option
- On EM mode, the fixture CCT will be set to 5000K
- Default setting for WCS models is set to lower wattage and 4000K
- Fixture may be surface (accessories sold separately)
- On EM mode, the fixture output a minimum of 700 lumens for 90 minutes, when fully charged

### Controls Ready:

MaxLite's new Controls Ready (CR) fixtures allows for quick and easy in-field installation (plug and play) of controls. Simply purchase any CR fixture and the required Controls Node and you're all set! See the accessory table for all controls options available for this fixture.



### Ordering Information

| FAMILY                          | SIZE             | VOLTAGE     | WATTAGE (NOMINAL)                | CCT SELECT                                  | CONTROLS OPTIONS  | OPTIONS                                |
|---------------------------------|------------------|-------------|----------------------------------|---------------------------------------------|-------------------|----------------------------------------|
| LSU= Utility Wrap Linear Series | 2= 2FT<br>4= 4FT | U= 120-277V | 20W= 20/25/30W<br>23W= 23/35/48W | CS= Color Selectable<br>(3500K/4000K/5000K) | CR= Control Ready | [BLANK]= None<br>EM= Emergency Back-up |

1. The end cap is springloaded and hence the fixture cannot do continuous runs more than 2 units

### Stocked Items

| ORDER CODE | MODEL NUMBER | DLC PRODUCT ID #                                 | CLASSIFICATION | DLC CATEGORY                                                                                    |
|------------|--------------|--------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------|
| 105658     | LSU2U20WCSCR | PXPYY1QK, PLH1Z19G, PGBQP47N                     | Premium        | Stairwell and Passageway Luminaires                                                             |
|            |              | PTM6A4EF, P5YWCDT7, PEAMUV9G                     | Standard       | Direct Linear Ambient Luminaires                                                                |
| 105664     | LSU4U23WCSCR | PSW822H3, PDDT6YT3, PHR44N9G, PD34PMGQ, PI37QQBS | Premium        | Stairwell and Passageway Luminaires, Low-Bay Luminaires for Commercial and Industrial Buildings |
|            |              | PKSR1COL, P4NWW7T3, P7YKU83L                     | Standard       | Direct Linear Ambient Luminaires                                                                |



**10-year standard warranty with labor allowance** (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))

Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F. If ambient temperatures fall outside the -4°F to 77°F range, product is warranted for 5 years according to the operating temperature range specified on the PDS. Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.

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## Accessories (SOLD SEPARATELY)

| ORDER CODE           | MODEL NUMBER  | DESCRIPTION                                                                        | IMAGE |
|----------------------|---------------|------------------------------------------------------------------------------------|-------|
| 74138                | MLCHKLSU15    | Cable Kit 15' Loop X Toggle Y 1 Pair                                               |       |
| 106056               | LSUWCS-WG2407 | Wireguard 2FT LSU Strip Watt CCT Select 24IN X 7IN                                 |       |
| 106057               | LSUWCS-WG4807 | Wireguard 4FT LSU Strip Watt CCT Select 48IN X 7IN                                 |       |
| 106187               | LSU-PLATEKIT  | Connecting Bracket/Plate Kit LSU Watt CCT Select Plus 6X Phillips Head M4 Screws   |       |
| 108384               | CWHD-48W      | Connecting Wire Harness - Dimming 4FT, White, Includes Additional Female Connector |       |
| 108383               | CWHP-48W      | Connecting Wire Harness - Power 4FT, White, Includes Additional Female Connector   |       |
| <b>c-Max Basic</b>   |               |                                                                                    |       |
| 105567               | CN-REMOTE     | Control Node Remote Control                                                        |       |
| 105564               | CN-RTMST      | Control Node Rectangular, Microwave Motion Sensor, Translucent                     |       |
| 105565               | CN-RDMSW      | Control Node Round, White                                                          |       |
| 106903               | CEA-RDW       | c-Max External Adapter Round, White                                                |       |
| <b>c-Max Network</b> |               |                                                                                    |       |
| 105892               | NN-RTW        | Network Node Rectangular, White                                                    |       |
| 106118               | WNS-W         | Wall Network Switch (Bluetooth) White                                              |       |
| 105905               | NN-RDMSW      | Network Node Round, White                                                          |       |
| 106318               | NPP-300W      | 120-277V Network Power Pack 300W Max                                               |       |

\*To use CN-RDMSW or NN-RDMSW, the CEA-RDW External adapter also needs to be purchased separately

\*\* It is recommended to purchase CWHD-48W (sold separately) and CWHP-48W (sold separately) along with LSU-PLATEKIT.

\*\*\* Use CWHD-48W and CWHP-48W to daisy chain. Maximum Luminaire count should be less than or equal to 4.

## Sensor

| SENSOR   | TECHNOLOGY                                               | DIMMING  | DAYLIGHT HARVESTING              | REMOTE CONTROL                | QR CODE |
|----------|----------------------------------------------------------|----------|----------------------------------|-------------------------------|---------|
| CN-RTMST | Microwave, Photoelectric                                 | Bi-Level | N/A                              | CN-REMOTE                     |         |
| CN-RDMSW | PIR motion sensing, Photoelectric                        | Bi-Level | Continuous Adjustment Mode (CAM) | CN-REMOTE                     |         |
| NN-RTW   | Bluetooth networking                                     | N/A      | N/A                              | c-Max App (iPhone or Android) |         |
| NN-RDMSW | PIR motion sensing, Photoelectric & Bluetooth networking | Bi-Level | Continuous Adjustment Mode (CAM) | c-Max App (iPhone or Android) |         |

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## Specifications

|                       | LSU2U20WCSCR                                                                                          |          |          |
|-----------------------|-------------------------------------------------------------------------------------------------------|----------|----------|
| Power Consumption     | 20W                                                                                                   | 25W      | 30W      |
| Lumens Delivered      | 2600 lm                                                                                               | 3250 lm  | 3900 lm  |
| Efficacy              | 130 lm/w                                                                                              | 130 lm/w | 130 lm/w |
| CRI                   | ≥80                                                                                                   |          |          |
| Color Temperature (K) | 3500K, 4000K, 5000K                                                                                   |          |          |
| L70 Lumen maintenance | ≥100,000 hours                                                                                        |          |          |
| Power Factor          | ≥0.9                                                                                                  |          |          |
| Input Voltage         | 120-277V                                                                                              |          |          |
| Operating Temperature | -4°F to 122°F (-20°C to 50°F), except EM fixtures<br>EM units: -4°F to 104°F (-20°C to 40°C)          |          |          |
| Qualifications        | DLC Standard/DLC Premium (see Stocked Item Table for more details), cULus listed, FCC, RoHS Compliant |          |          |
| Environment           | UL listed for Damp location                                                                           |          |          |
| Warranty              | 10 Years warranty                                                                                     |          |          |

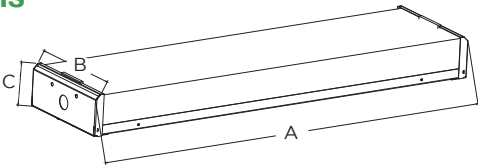
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## Specifications

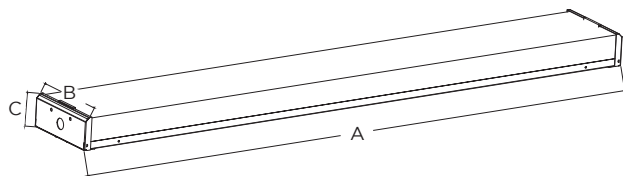
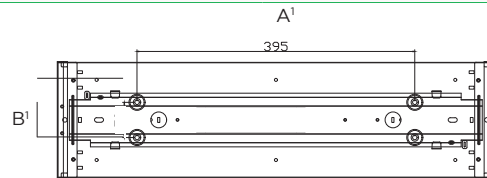
|                       | LSU4U23WCSCR                                                                                          |          |          |
|-----------------------|-------------------------------------------------------------------------------------------------------|----------|----------|
| Power Consumption     | 23W                                                                                                   | 35W      | 48W      |
| Lumens Delivered      | 2990 lm                                                                                               | 4550 lm  | 6240 lm  |
| Efficacy              | 130 lm/w                                                                                              | 130 lm/w | 130 lm/w |
| CRI                   | ≥80                                                                                                   |          |          |
| Color Temperature (K) | 3500K, 4000K, 5000K                                                                                   |          |          |
| L70 Lumen maintenance | ≥100,000 hours                                                                                        |          |          |
| Power Factor          | ≥0.9                                                                                                  |          |          |
| Input Voltage         | 120-277V                                                                                              |          |          |
| Operating Temperature | -4°F to 122°F (-20°C to 50°F), except EM fixtures<br>EM units: -4°F to 104°F (-20°C to 40°C)          |          |          |
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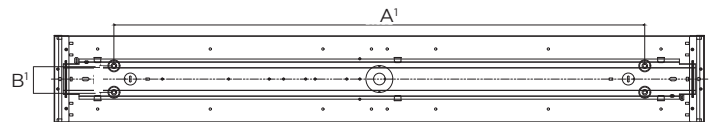
## Dimensions



LSU-2U



LSU-4U



| PRODUCT      | A (L) | A'    | B (W) | B'    | C (H) |
|--------------|-------|-------|-------|-------|-------|
| LSU2U20WCSCR | 24.4" | 15.5" | 6.53" | 1.96" | 2.53" |
| LSU4U23WCSCR | 48.5" | 38.6" | 6.53" | 1.96" | 2.53" |