

# Specifications



## Eaton 171295

Eaton Moeller® series SL4 Complete device, red-green, LED, 24 V, including base 100mm

### General specifications

|                             |                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series SL4 Signal tower                                                                                                                                                                                                                               |
| <b>CATALOG NUMBER</b>       | 171295                                                                                                                                                                                                                                                               |
| <b>MODEL CODE</b>           | SL4-100-L-RG-24LED                                                                                                                                                                                                                                                   |
| <b>EAN</b>                  | 4015081678389                                                                                                                                                                                                                                                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 72 mm                                                                                                                                                                                                                                                                |
| <b>PRODUCT HEIGHT</b>       | 279 mm                                                                                                                                                                                                                                                               |
| <b>PRODUCT WIDTH</b>        | 72 mm                                                                                                                                                                                                                                                                |
| <b>PRODUCT WEIGHT</b>       | 0.209 kg                                                                                                                                                                                                                                                             |
| <b>CERTIFICATIONS</b>       | UL report applies to both US and Canada<br>UL Category Control No.: NKCR<br>CSA Class No.: NKCR7<br>CSA-C22.2 No. 94-91<br>IEC/EN 60947-5-1<br>CE<br>UL 508<br>Certified by UL for use in Canada<br>UL<br>UL File No.: E29184<br>CSA-C22.2 No. 14-10<br>IEC/EN 60529 |
| <b>CATALOG NOTES</b>        | The value specified for the leakage current shall apply per module.                                                                                                                                                                                                  |

## Climatic environmental conditions

|                                     |       |
|-------------------------------------|-------|
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
|-------------------------------------|-------|

|                                     |        |
|-------------------------------------|--------|
| AMBIENT OPERATING TEMPERATURE - MIN | -30 °C |
|-------------------------------------|--------|

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78 |
|-------------------|--------------------------------------------------------------------------------|

## Features & functions

|       |              |
|-------|--------------|
| COLOR | Red<br>Green |
|-------|--------------|

|              |                     |
|--------------|---------------------|
| FITTED WITH: | 100 mm tube<br>Foot |
|--------------|---------------------|

|               |     |
|---------------|-----|
| LIGHT MODULES | LED |
|---------------|-----|

|                   |   |
|-------------------|---|
| NUMBER OF MODULES | 2 |
|-------------------|---|

## Electrical rating

|                 |         |
|-----------------|---------|
| LEAKAGE CURRENT | 0.003 A |
|-----------------|---------|

|                               |       |
|-------------------------------|-------|
| RATED INSULATION VOLTAGE (UI) | 250 V |
|-------------------------------|-------|

|                           |            |
|---------------------------|------------|
| RATED OPERATIONAL VOLTAGE | 24 V AC/DC |
|---------------------------|------------|

|                                      |      |
|--------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) - MAX | 24 V |
|--------------------------------------|------|

|                                      |      |
|--------------------------------------|------|
| RATED OPERATIONAL VOLTAGE (UE) - MIN | 24 V |
|--------------------------------------|------|

## General information

|                            |    |
|----------------------------|----|
| CONNECTION TO SMARTWIRE-DT | No |
|----------------------------|----|

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| CURRENT CONSUMPTION | 0.022 - 0.033 A, at 24 V AC/DC<br>The value specified for the current consumption at 24 V AC/DC applies to each module. |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|

|                      |                     |
|----------------------|---------------------|
| DEGREE OF PROTECTION | IP66<br>NEMA 4X, 13 |
|----------------------|---------------------|

|                      |           |
|----------------------|-----------|
| LIFESPAN, ELECTRICAL | 100,000 h |
|----------------------|-----------|

|            |                  |
|------------|------------------|
| LIGHT TYPE | Continuous light |
|------------|------------------|

|          |                                                          |
|----------|----------------------------------------------------------|
| MATERIAL | Cap: Polycarbonate (PC)<br>Enclosure: Polycarbonate (PC) |
|----------|----------------------------------------------------------|

|                 |                          |
|-----------------|--------------------------|
| MOUNTING METHOD | Standard stacklight base |
|-----------------|--------------------------|

|                   |             |
|-------------------|-------------|
| MOUNTING POSITION | As required |
|-------------------|-------------|

|                      |     |
|----------------------|-----|
| OVERVOLTAGE CATEGORY | III |
|----------------------|-----|

|                  |   |
|------------------|---|
| POLLUTION DEGREE | 3 |
|------------------|---|

|                  |                  |
|------------------|------------------|
| PRODUCT CATEGORY | SL signal towers |
|------------------|------------------|

|                 |       |
|-----------------|-------|
| RADIATION ANGLE | 360 ° |
|-----------------|-------|

|                                        |           |
|----------------------------------------|-----------|
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 4000 V AC |
|----------------------------------------|-----------|

|                  |                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------|
| SHOCK RESISTANCE | Mechanical, According to IEC/EN 60068-2-27<br>15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
|------------------|------------------------------------------------------------------------------------------------------------------------|

|      |                 |
|------|-----------------|
| TYPE | Complete device |
|------|-----------------|

|              |       |
|--------------|-------|
| VOLTAGE TYPE | AC/DC |
|--------------|-------|

## Terminal capacities

### TERMINAL CAPACITY

0.2 - 1.5 mm<sup>2</sup>, solid or flexible conductor  
 0.25 - 0.75 mm<sup>2</sup>, flexible with ferrule with plastic collar  
 0.25 - 1.5 mm<sup>2</sup>, solid or flexible with ferrule  
 24 - 16 AWG

## Resources

### BROCHURES

[SL4, SL7, SLC Stack light overview brochure BR047017](#)

### CATALOGUES

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)  
[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

### DECLARATIONS OF CONFORMITY

[eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf](#)  
[eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf](#)

### DRAWINGS

[eaton-operating-sl4-complete-device-dimensions.eps](#)  
[eaton-operating-module-sl7-complete-device-symbol-003.eps](#)  
[eaton-operating-sl7-continuous-light-symbol-002.eps](#)  
[eaton-operating-sl4-complete-device-3d-drawing.eps](#)

### ECAD MODEL

[DA-CE-ETN.SL4-100-L-RG-24LED](#)

### INSTALLATION INSTRUCTIONS

[IL047002ZU](#) [IL047001ZU](#)

### INSTALLATION VIDEOS

[Signal towers SL4 and SL7](#)

### MCAD MODEL

[eaton-assembled-units-mcad-3d-models-sl4-100-l-rg-24led.stp](#)  
[eaton-assembled-units-mcad-drawings-sl4-100-l-rg-24led.dwg](#)

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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