

## Series Spec Sheet

# RMSLC

## UNIBODY STEEL COMBO

The RMSLC series of commercial combination steel sign and battery unit feature a single “unibody” steel construction that allows for large battery capacities. Two PAR18 small style, top mounted heads are standard, with MR16 and high output type being optional. Available with either 6 V DC, 12 V DC or 24 V DC emergency backup power.

### FEATURES AND SPECIFICATIONS

#### • Electrical

- LED Ultra-bright light source
- 120/347 V AC field selectable, or 277 V AC
- 1.8 W power consumption for LED exit portion of combination sign
- LED Emergency DC wattages as follows:  
**6 V DC = 0.90 W, 12 V DC = 0.86 W,  
 24 V DC = 0.87 W**
- Wattage capacities from 36 to 200 W
- 30 Minutes emergency power duration standard
- Momentary push button test switch
- Diagnostic/pilot LEDs for AC ON and CHARGE
- Fully automatic, current limited charger
- Line latched, low voltage protection
- Solid state design and construction
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery. Complete recharge in 24 hours

- Optional automatic-testing, self-diagnostic charger board:
- Continuously monitors the operational status of the battery unit
- Automatically performs battery and lamp load testing at preset intervals
- Indicates any component malfunctions or automated test failures

#### • Mechanical

- 20 Gauge steel construction
- Slide out faceplate for rapid and simple installation
- Universal spider knockout pattern and keyhole mounting slots stamped into back
- Multiple conduit entry knockouts
- White powder coat finish standard
- PAR18 small style, high impact thermoplastic heads are standard (2N)
- Optional heads include die cast metal MR16 and high output industrial
- Top head mounting is standard

#### • Approvals

- CSA Certified to C22.2 #141-15
- CSA Certified to C860-11

#### • Compliance

- Meets requirements of ICES-005



### OVERVIEW

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| Light source                     | LED                                                              |
| Input voltage (V AC)             | 120/347, or 277                                                  |
| Sign Power consumption (W)       | 1.8                                                              |
| Sign Emergency Power consumption | <b>6 V DC = 0.90 W<br/>12 V DC = 0.86 W<br/>24 V DC = 0.87 W</b> |
| Output voltage (V DC)            | 6, 12, 24                                                        |
| Output capacity (W)              | 36 - 200                                                         |

For complete warranty details, please see our terms and conditions on our website.



## ORDERING GUIDE

| RMSLC  |           |                                                                         | 1               | WM              | —                                             |                                                                         |                                |                                                                    |                            | /                                                                                                                    |  |
|--------|-----------|-------------------------------------------------------------------------|-----------------|-----------------|-----------------------------------------------|-------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------|--|
| Series | Volts (V) | Watts (W)                                                               | Nbr of faces    | Mounting        | Nbr of heads                                  | Head / Lamp                                                             | Lamp type                      | Color                                                              | Input volts (V)            | Options                                                                                                              |  |
| RMSLC  | 6 - 6     | 036 - 36<br>050 - 50<br>072 - 72<br>100 - 100<br>160 - 160              | 1 - Single face | WM - Wall mount | 0 - No heads<br>1 - One head<br>2 - Two heads | Blank - No heads<br>N - PAR18<br>S - MR16<br>M - MR16<br>I - Industrial | See lamp selection chart below | WH - White (standard)<br>BK - Black<br>SP - Custom color (specify) | Blank - 120/347<br>E - 277 | A, AT, AUD <sup>1</sup> , AUE, LD, RFS, SMH <sup>2</sup> , TD <sup>1</sup> , TP, V<br>↓ ↑ ↗ ↘ ↙ ↘<br>D U UR DR DL UL |  |
|        | 1 - 12    | 036 - 36<br>050 - 50<br>072 - 72<br>100 - 100<br>160 - 160<br>200 - 200 |                 |                 |                                               |                                                                         |                                |                                                                    |                            |                                                                                                                      |  |
|        | 2 - 24    | 144 - 144<br>200 - 200                                                  |                 |                 |                                               |                                                                         |                                |                                                                    |                            |                                                                                                                      |  |

<sup>1</sup> Only available with AT.<sup>2</sup> I heads not compatible with SMH.

## EMERGENCY LIGHTING OPTIONS

| Option | Description                    |
|--------|--------------------------------|
| A      | Ammeter                        |
| AT     | Automatic test self-diagnostic |
| AUD    | Audible alarm                  |
| AUE    | Audible emergency              |
| LD     | Lamp disconnect (internal)     |
| RFS    | Radio frequency suppression    |
| SMH    | Side mounted heads             |
| TD     | Time delay                     |
| TP     | Tamper proof screws            |
| V      | Voltmeter                      |

## LUMEN TABLE

| Watts | Lumens |
|-------|--------|
| 3W LJ | 313    |
| 4W LJ | 388    |
| 5W LJ | 590    |
| 4W LR | 388    |
| 5W LA | 435    |
| 6W LA | 507    |
| 7W LA | 652    |

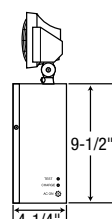
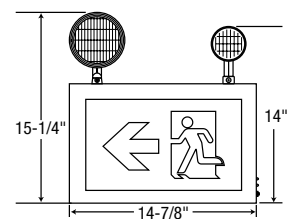
## LAMP SELECTION

|                            | 6 V           | 12 V                    | 24 V                 |
|----------------------------|---------------|-------------------------|----------------------|
| PAR18 - Small head         |               |                         |                      |
| LED                        | 3LJ, 4LJ, 5LJ | 3LJ, 4LJ, 5LJ, 6LA, 7LA | 4LR, 5LA, 6LA, 7LA   |
| Tungsten                   | 09T           | 09T                     | 09T                  |
| MR16 - Small head c/w MR16 |               |                         |                      |
| LED                        | 4LR, 5LA      | 4LR, 5LA, 6LA, 7LA      | 4LR, 5LA, 6LA, 7LA   |
| Industrial                 |               |                         |                      |
| LED                        |               | 5LJ, 9LJ, 14LJ, 30LJ    | 5LJ, 9LJ, 14LJ, 30LJ |

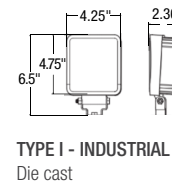
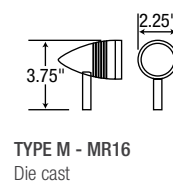
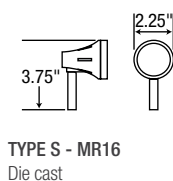
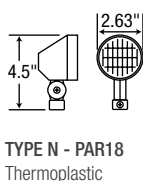
## MODEL RATINGS

| Model     | Volts (V) | Wattage capacities (W) |         |         |          |
|-----------|-----------|------------------------|---------|---------|----------|
|           |           | 30 min.                | 60 min. | 90 min. | 120 min. |
| RMSLC6036 | 6         | 36                     | 18      | 12      | 9        |
| RMSLC6050 |           | 50                     | 25      | 16      | 12       |
| RMSLC6072 |           | 72                     | 36      | 24      | 18       |
| RMSLC6100 |           | 100                    | 50      | 33      | 25       |
| RMSLC6160 |           | 160                    | 80      | 53      | 40       |
| RMSLC1036 | 12        | 36                     | 18      | 12      | 9        |
| RMSLC1050 |           | 50                     | 25      | 16      | 12       |
| RMSLC1072 |           | 72                     | 36      | 24      | 18       |
| RMSLC1100 |           | 100                    | 50      | 33      | 25       |
| RMSLC1160 |           | 160                    | 80      | 53      | 40       |
| RMSLC1200 | 24        | 200                    | 100     | 66      | 50       |
| RMSLC2144 |           | 144                    | 72      | 48      | 36       |
| RMSLC2200 |           | 200                    | 100     | 66      | 50       |

## DIMENSIONS



## HEAD / LAMP



## SPACING GUIDE

| Mounting height | Spacing center to center (ft) |     |     |     |     |     |     | I HEAD |     |      |      |
|-----------------|-------------------------------|-----|-----|-----|-----|-----|-----|--------|-----|------|------|
|                 | 3LJ                           | 4LJ | 5LJ | 4LR | 5LA | 6LA | 7LA | 5 W    | 9 W | 14 W | 30 W |
| 8 ft            | 78                            | 83  | 118 | 76  | 81  | 94  | 108 | 113    | 165 | 199  | 250  |
| 10 ft           | 75                            | 76  | 118 | 79  | 79  | 93  | 106 | 110    | 160 | 194  | 260  |
| 15 ft           | 66                            | 68  | 104 | 66  | 62  | 82  | 96  | 99     | 147 | 178  | 239  |
| 20 ft           | 53                            | 53  | 91  | 53  | 49  | 73  | 87  | 86     | 133 | 164  | 223  |

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
All products are subject to change or may be discontinued any time without notice.