

# Ordering Instructions

## STEP 1. Complete the QuickShip Part Number

Example of completed QuickShip Part Number: QSRM4D-1L35K-8-M-SA-L3EM-PA-3

| Optics |            |        |    |      |        |           |           |          |         |          |         |
|--------|------------|--------|----|------|--------|-----------|-----------|----------|---------|----------|---------|
| QSRM4D | 1L35K      | 8      |    | M    | SA     | L3        | EM        | PA       | 3       |          |         |
| Series | Color Temp | Length | Up | Down | Finish | LL/Driver | Circuitry | Mounting | Voltage | Controls | Options |

## STEP 2. Row Configurations

**Part 1)** Enter quantity of runs under the QTY column

| QTY | Nominal Length | Run Length Overall | Alone Length | Start Length | Mid Length(s) | End Length | STD = Standard<br>w/EM = With Emergency | Diagram |
|-----|----------------|--------------------|--------------|--------------|---------------|------------|---|---------|
| 4'  | 1225 [48.2]    | 4                  |              |              |               |            | STD<br>w/EM                             |         |
| 8'  | 2442 [96.1]    | 8                  |              |              |               |            | STD<br>w/EM                             |         |
| 12' | 3661 [144.1]   | 12                 |              |              |               |            | STD<br>w/EM                             |         |

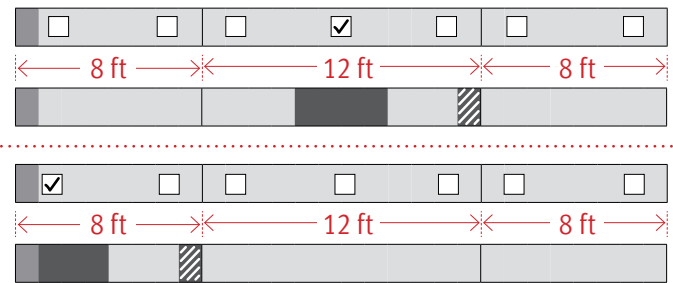
Example: 5 8-ft Runs with Emergency

**Part 2)** Select one pod to indicate desired emergency lighting location

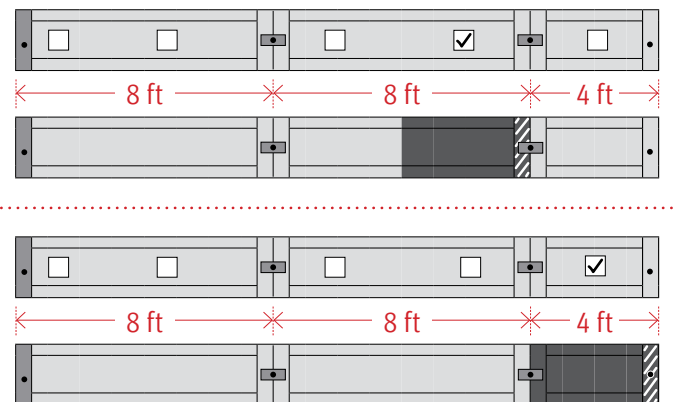
**LEGEND**

- Standard (STD) Wire Entry Location
- Emergency (EM) Lighting Location
- Emergency or Battery Wire Entry Location

**Selection examples in a RM2/RM4 28 ft run:**



**Selection examples in a RMEP6/8 20 ft run:**



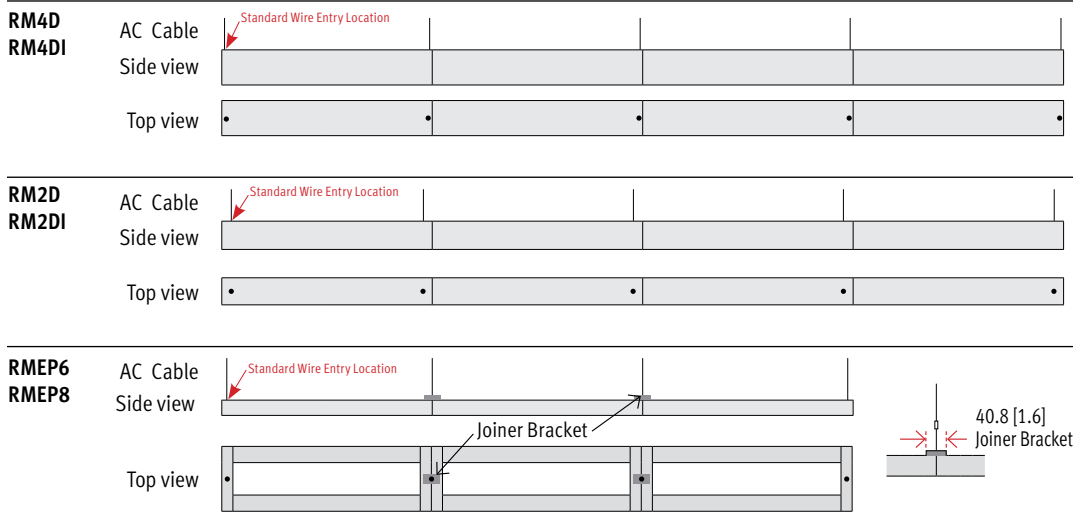
## STEP 3. Submit Forms

Send completed forms to the appropriate inside sales representative.

# Aircraft Cable

## Aircraft Cable Entry Locations

● = Aircraft Cable entry



## Aircraft Cable Standard Lengths

Total adjustment range is 6" up & down for each standard length.

| IMPERIAL (in) | METRIC (mm) |
|---------------|-------------|
| 12            | 305         |
| 18            | 460         |
| 24            | 610         |
| 30            | 760         |
| 36            | 915         |
| 42            | 1067        |
| 48            | 1220        |
| 54            | 1372        |
| 60            | 1525        |
| 72            | 1830        |
| 96            | 2440        |
| 120           | 3050        |
| 144           | 3660        |

# Battery Packs

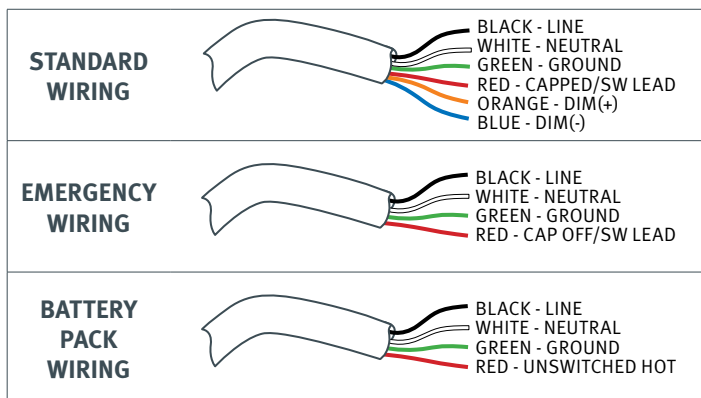
## RM2D, RM2DI

The ILB-SL-CP12 from IOTA is a UL Recognized LED emergency battery pack that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB-SL-CP12 switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single slim profile can for installation within the channel space or wire way. The ILB-SL-CP12 will operate a nominal 12W LED load with constant power at a rated output voltage of 10-60 VDC. The Constant Power design of the ILB-SL-CP12 maintains the output wattage to the LED array even as the system voltage diminishes, providing a consistent illumination level for the full 90-minute emergency duration.

## RM4D, RM4DI, RMEP6, RMEP8

The FHS2-UNV-36L and FHSBATL6-1.5L from Fulham FireHorse are both UL recognized emergency components. Together they allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency driver switches on drawing power from the battery. This will operate the fixture for a minimum of 90 minutes. The FHS2-UNV-36L and FHSBATL6-1.5L will operate at a nominal 10.5W LED load with a constant power.

# Wiring



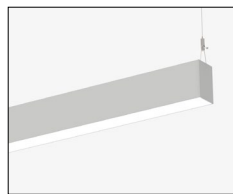
# QuickShip Terms & Conditions

1. Shipment within 10 business days.
2. Day one begins next business day after order is entered (order entered as QuickShip is automatically released by the system).
3. Order must be designated with "QS" in front of the part number.
4. Rail 2, Rail 4 and Stail are available at 3000K and 3500K and 80 CRI.
5. Transform is available at 3500K and 80 CRI.
6. Dual circuit wiring is available for Rail 2, Rail 4 and Stail.
7. All luminaires offered only in standard finishes.
8. No integral control options.
9. No louvers.
10. No changes or cancellations permitted after receipt of order.
11. Large orders are subject to review. We will do our best to accommodate.
12. Minimum 20 linear feet per order or 5 units of standard runs to qualify for QS program.
13. Installing contractor is responsible to ensure that fixture wiring adheres to local codes.
14. All other standard Metalumen Terms and Conditions apply.



# RAIL 2 (RM2DI)

Direct / Indirect



Pendant

## Ordering Instructions - please refer to page 4 for detailed Ordering Instructions

**STEP 1. QuickShip Part Number**

**STEP 2. Row Configurations**

**STEP 3. Submit Forms**

### STEP 1. QuickShip PART NUMBER

Example Part Number: QSRM2DI-L35K-8-MMA-SA-L3EM-PA-1

| Color Temp                     | Optics  | Light Level (LL) / Driver                                |             |                  |         | Circuitry                    | Voltage                      |
|--------------------------------|---|--|-------------|------------------|---------|------------------------------|------------------------------|
| 2L30K = 3000K                  | MM = Up: Meta Ice<br>Down: Meta Ice                       | <b>Performance at 3500K<br/>0-10V Dimming (Standard)</b> |             |                  |         | 1 = 1 Circuit                | 1 = 120 V                    |
| 2L35K = 3500K                  | NM = Up: None - Open Top<br>Down: Meta Ice                | Optics   | Light Level | Lumens Delivered | Wattage | Efficacy (LPW)               | 2 = 277 V                    |
| Length                         | MMA = Up: Meta Ice<br>Down: Meta Ice w/ Asym. Ref.        | MM   | L1          | 3409             | 27.6    | 123                          | 3 = 347 V                    |
| 4 = 4 ft                       | NMA = Up: None - Open Top<br>Down: Meta Ice w/ Asym. Ref. |  | L2          | 4203             | 35.2    | 119                          | 4 = UNV (120-277V)           |
| 8 = 8 ft                       | Finish  |  | L3          | 5616             | 48.3    | 116                          |                              |
| 12 = 12 ft                     |   |  | L4          | 10339            | 96.6    | 107                          |                              |
| R = Continuous Rows (See p.18) | SA = Satin Aluminum                                       | MMA  | L1          | 3389             | 27.6    | 122                          | Controls                     |
| W = White                      | SA = Satin Aluminum                                       |  | L2          | 4178             | 35.2    | 118                          | _ = None (leave space empty) |
|                                |   |  | L3          | 5578             | 48.3    | 115                          | Options                      |
|                                |   | L4   | 10271       | 96.6             | 106     | _ = None (leave space empty) |                              |

# STEP 2. Row Configurations

Part 1) Indicate desired quantity of rows under the QTY column

Part 2)  ← Pods →  **Select one pod per row to indicate desired Emergency lighting location.** If a similar row requires a different Emergency lighting location, please fill out another form. Refer to page 4 for more ordering instructions information.

| QTY | Nominal Length | Run Length Overall | Alone Length | Start Length | Mid Length(s) | End Length | STD = Standard w/EM = With Emergency | Asymmetric Reflector Light Throw Direction |  |
|-----|----------------|--------------------|--------------|--------------|---------------|------------|--------------------------------------|--|--|
| —   | 4'             | 1269 [50.0]        | 4            |              |               |            | STD                                  | ↑  | 1257 [49.5]  |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 8'             | 2486 [97.9]        | 8            |              |               |            | STD                                  | ↑  | 2474 [97.4]  |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 12'            | 3703 [145.8]       | 12           |              |               |            | STD                                  | ↑  | 3691 [145.3]   |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 16'            | 4924 [193.9]       | 8            | 8            |               |            | STD                                  | ↑  | 2452 [96.5]      2460 [96.9]                                       |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 20'            | 6141 [241.8]       | 12           | 8            |               |            | STD                                  | ↑  | 3669 [144.5]      2460 [96.9]                                      |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 24'            | 7358 [289.7]       | 12           | 12           |               |            | STD                                  | ↑  | 3669 [144.5]      3677 [144.8]                                     |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 28'            | 8578 [337.7]       | 8            | 12           | 8             |            | STD                                  | ↑  | 2452 [96.5]      3654 [143.9]      2460 [96.9]                     |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 32'            | 9796 [385.7]       | 12           | 8            | 12            |            | STD                                  | ↑  | 3669 [144.5]      2438 [96.0]      3677 [144.8]                    |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 36'            | 11012 [433.5]      | 12           | 12           | 12            |            | STD                                  | ↑  | 3669 [144.5]      3654 [143.9]      3677 [144.8]                   |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 40'            | 12233 [481.6]      | 12           | 8            | 12            |            | STD                                  | ↑  | 3669 [144.5]      2438 [96.0]      2438 [96.0]      3677 [144.8]   |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 44'            | 13450 [529.5]      | 12           | 12           | 12            |            | STD                                  | ↑  | 3669 [144.5]      3654 [143.9]      2438 [96.0]      3677 [144.8]  |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |
| —   | 48'            | 14666 [577.4]      | 12           | 12           | 12            |            | STD                                  | ↑  | 3669 [144.5]      3654 [143.9]      3654 [143.9]      3677 [144.8] |
|     |                |                    |              |              |               |            | w/EM                                 | ↑  |  |

### LEGEND

- Standard (STD) Wire Entry Location (located 15mm from end on top of fixture)
- Emergency (EM) Lighting Location
- EM or Battery Wire Entry Location (located 15mm from end on top of fixture)

Mounting Points

A = Distance Between Mounting Points

EM or battery wire entry location if pod 2, 3 or 4 is selected:

EM or battery wire entry location if pod 2 or 3 is selected:

Refer to page 5 for additional Aircraft Cable information