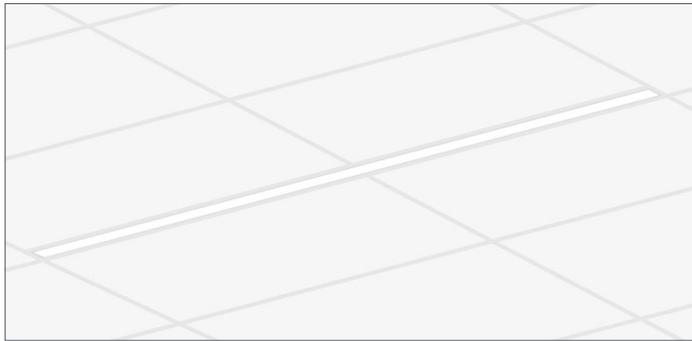


RAIL 1 RML

LED . RECESSED T-BAR . DIRECT



| | |
|---------------------|--------------------|
| PART #: | |
| PREP BY: | DATE: |
| PROJECT: | QTY: |
| NOTES: | |
| APPROVAL SIGNATURE: | DATE (DD/MM/YYYY): |

PERFORMANCE SUMMARY at 3500K

| | | Meta Cloud |
|------------------|--------|--------------|
| | | L3 |
| Lumens per foot | 80 CRI | 527 |
| | 90 CRI | 461 |
| Wattage per foot | | 6.1 |
| Efficacy (lm/W) | 80 CRI | 87 |
| | 90 CRI | 76 |
| L70 Estimate (h) | | ≥ 60,000 hrs |

See page 2 for the complete Light Level Performance and 90 CRI Lumen Adjustment charts.

FEATURES

- Narrow 1.2 inch profile
- Available in 6 standard lengths as well as continuous rows and patterns
- Suitable for dry or damp locations

ORDERING LOGIC

Example Part Number: RML-1L35K-12-MC-W-L31-T-1-90

| | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|--|----|---|---|----|--|---|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | | | | | |
| 1. SERIES RML | | | | | 2. COLOR TEMP 1L30K 3000K 1L35K 3500K 1L40K 4000K 90 CRI is available under OPTIONS | | | 3. LENGTH 2 2 ft 4 4 ft 6 6 ft 8 8 ft 10 10 ft 12 12 ft RA Continuous Rows* Replace "A" with length in feet C Custom Length* - None (leave space empty) | | | 4. PATTERN ¹ GA Square GAxB Rectangle UAxBxC U-Shape LAxB L-Shape C Custom Pattern* - None (leave space empty) Standard Patterns Minimum Lengths Square: A = 4 ft min. Rectangle: A = 4 ft min, B = 4 ft min. U-Shape: A = 3 ft min, B = 4 ft min, C = 3 ft min. L-Shape: A = 3 ft min, B = 3 ft min. Custom Patterns* Lengths and a drawing of custom pattern are required on page 3 Select corner: <input type="checkbox"/> Outside 90° <input type="checkbox"/> Inside 90° | | | 5. OPTICS UP - None (leave space empty) | | 6. OPTICS DOWN MC Meta Cloud Meta Cloud: Opal diffuse lens | | 7. FINISH SA Satin Aluminum W White B Black C Custom Finish Specify RAL: | |
| 8. LIGHT LEVEL / DRIVER L1 L2 Select Driver below. L3 All drivers are remote. See p2 for max. wire length. L4 See Light Level Performance chart on p2. LX Enter desired lm/ft: <input type="text"/> | | 9. CIRCUITRY 1 1 Circuit B Emergency Battery Pack ² | | 10. MOUNTING T Recessed T-bar 15/16" T9 Recessed T-bar 9/16" | | 11. VOLTAGE 1 120 V 2 277 V 3 347 V 4 UNV (120 - 277V) | | 12. CONTROLS / SENSORS - None (leave space empty) | | 13. OPTIONS 90 90 CRI, High R9 - None (leave space empty) | | | | | | | | | |

*Consult factory. | ¹ Pattern record drawings showing mounting locations and wire entries will be sent out upon order. | ² Battery operates 4ft sections only.

Select Driver:

- Factory option 0-10V, 1% Dimming
- LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
- LA2** Lutron A-Series Hi-lume 1% 2-wire LED Driver
- L5E** Lutron 5-Series EcoSystem LED Driver

Light Level Performance

3500K, 80 CRI, 0-10V Dimming (Standard)

| Optics | Meta Cloud | | |
|-------------|-----------------|------------------|-----------------|
| Light Level | Lumens per foot | Wattage per foot | Efficacy (lm/W) |
| L1 | 320 | 3.5 | 92 |
| L2 | 395 | 4.4 | 89 |
| L3 | 527 | 6.1 | 87 |
| L4 | 971 | 12.1 | 80 |

Lumen Adjustment Factor

| Color Temp | 80 CRI | 90 CRI |
|------------|--------|--------|
| 3000K | 0.984 | 0.880 |
| 3500K | 1.000 | 0.875 |
| 4000K | 1.032 | 0.879 |

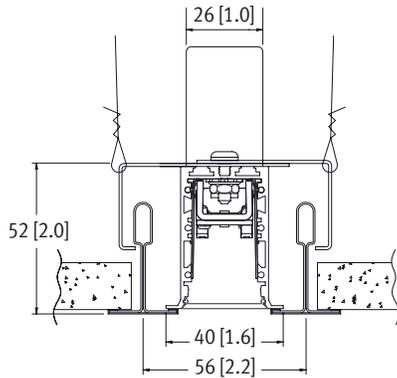
Metalumen's light level performance metrics are subject to manufacturers component tolerances.

Remote Driver Mounting Maximum Wire Length

Consult approval drawings for maximum remote mounting distances

| Light Level | Driver Qty | Drive Current (mA) | Fixture Length | Distance in feet / Wire Gauge | | | | | |
|-------------|------------|--------------------|----------------|-------------------------------|--------|--------|--------|--------|--------|
| | | | | 22 Ga. | 20 Ga. | 18 Ga. | 16 Ga. | 14 Ga. | 12 Ga. |
| L4 | 1 | 1200 | 4' | 19 | 30 | 47 | 75 | 119 | 189 |
| L4 | 2 | 1200 | 8' | 19 | 30 | 47 | 75 | 119 | 189 |
| L4 | 3 | 1200 | 12' | 19 | 30 | 47 | 75 | 119 | 189 |
| L3 | 1 | 600 | 4' | 37 | 59 | 94 | 149 | 238 | 378 |
| L3 | 1 | 1200 | 8' | 19 | 30 | 47 | 75 | 119 | 189 |
| L3 | 1 | 1800 | 12' | 12 | 20 | 31 | 50 | 79 | 126 |
| L2 | 1 | 440 | 4' | 51 | 81 | 128 | 204 | 324 | 515 |
| L2 | 1 | 880 | 8' | 25 | 40 | 64 | 102 | 162 | 258 |
| L2 | 1 | 1320 | 12' | 17 | 27 | 43 | 68 | 108 | 172 |
| L1 | 1 | 345 | 4' | 65 | 103 | 163 | 260 | 413 | 657 |
| L1 | 1 | 690 | 8' | 32 | 51 | 82 | 130 | 207 | 329 |
| L1 | 1 | 1035 | 12' | 22 | 34 | 54 | 87 | 138 | 219 |

CROSS SECTIONS



Meta Cloud

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Anodized Extruded Aluminum 65% post-industrial recycled content, complete with die cast zinc alloy powder coated end caps.
Optical System: Metalumen luminaires are designed to utilize leading edge LED technology combined with luminaire optimized reflectors and our custom diffusers, resulting in industry leading optical

performance.
CRI: 83 (3500K) (80 minimum)
Lumen Maintenance: Minimum 50,000h with TM-21 lumen maintenance of 85% @ 25°C ambient temperature (calculated based on IESNA LM-80-08 LED test data). L70: ≥60,000hrs.
Finish: Satin Aluminum, white and black are standard options. For custom finish, contact factory.

Weight: 1.0lb/ft or 0.5kg/300mm.
Mounting: Fits 9/16" and 15/16" T-bars.
Electrical: Each section is individually connected in the field to a remote driver box.
Drivers: Metalumen offers 0-10V dimming* as a standard on our entire LED product offering. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. All drivers are remote

mounted.
Approvals: Certified to NRTL and IES testing standards. All components are UL Recognized or Listed. RoHS compliant. Plenum - CCEA approved.
Environment: Suitable for dry or damp locations.
**Standard drivers compatible with passive/sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.*

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

PHOTOMETRIC DATA - 3500K, 80 CRI

Optics: **Meta Cloud**
 IES File: **RML-1L35K-4-MC-L3**
 Lumens: **527/ft** Wattage: **6/ft**
 Efficacy: **87 lm/W**

ZONAL LUMEN SUMMARY

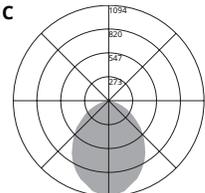
| Zone | Lumens | %Fixt |
|--------|--------|-------|
| 0-90 | 2112 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 2112 | 100 |

LUMINANCE DATA (CD/M2)

| Vertical Angle | Horizontal Angle | | |
|----------------|------------------|------|------|
| | 0 | 45 | 90 |
| 45 | 20944 | 8413 | 6170 |
| 55 | 17284 | 5707 | 3942 |
| 65 | 13923 | 3400 | 2161 |
| 75 | 9716 | 1538 | 930 |
| 85 | 4415 | 251 | 142 |

PHOTOMETRIC CURVE

100% Down



Photometric performance is measured and scaled in accordance with IESNA LM-79.