RAIL 4 OUTDOOR

OUTDOOR . LED . SOLID STEM . DIRECT

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

PERFORMANCE SUMMARY @ 3500K		Meta Blanc MB	Meta Ice M	Luma Span LS	Luma Asym. LA	Polycarbonate PC
		L3	L3	L3	L3	L3
Lumens per foot	80 CRI	648	716	719	744	663
	90 CRI	567	627	629	651	580
Wattage per foot		5.7	5.8	5.8	6	6
Efficacy	80 CRI	113	124	125	129	115
	90 CRI	99	108	103	107	100
L70 Estimate (h)		≥ 60,000 hrs				

See complete Light Level Performance and Photometric Data on p2

- **Efficacy up to 134 LPW**
- **Integral drivers**
- Indirect distribution available with Inverse Mount option
- Standard natatorium finish
- Emergency lighting

5 YEAR WARRANTY | c(UL)us LISTED E360886 | WET | IK10

OTHER RAIL WET SERIES PRODUCTS

Rail 4 Wet **S4W-DI**	Rail 6 Metro **S6M**

ORDERING LOGIC

Example Part Number: RM4DOD-1L35K-G6x8-MB-W-L31-SS18-1-90

RM4DOD								SS		
1	2	3	4	5	6	7	8	9	10	11

1. SERIES	2. COLOR TEMP	3. LENGTH	4. PATTERN [1]	5. OPTICS	6. NATATORIUM FINISH
RM4DOD	**1L30K** 3000K **1L35K** 3500K **1L40K** 4000K 90 CRI is available under OPTIONS	**2** 2 ft **3** 3 ft **4** 4 ft **5** 5 ft **6** 6 ft **7** 7 ft **8** 8 ft **9** 9 ft **10** 10 ft **11** 11 ft **12** 12 ft **R<u>A</u>** Continuous Rows (Replace "A" with length in feet) **C** Custom Length* **_** None (leave space empty)	**G<u>A</u>** Square **G<u>A</u>x<u>B</u>** Rectangle **U<u>A</u>x<u>B</u>x<u>C</u>** U-Shape **L<u>A</u>x<u>B</u>** L-Shape **C** Custom Pattern* **_** None (leave space empty)	**MB** Meta Blanc **M** Meta Ice **LS** Luma Span (Batwing) **LA** Luma Asymmetric **PC** Polycarbonate IK10 **MB:** Acrylic opal diffuse lens **M, LS, LA:** Acrylic high output semi-diffuse lens **PC:** Semi-diffuse lens See Photometric Data on p2	**SA** Satin Aluminum **W** White **B** Black **C** Custom Finish Specify RAL:

Replace "A", "B", "C" with length in feet. See minimum lengths below

Standard Pattern 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 2

T-Shape | Cross / X

Select corner:
- ☐ Outside 90°
- ☐ Inside 90°

7. LIGHT LEVEL / DRIVER	8. CIRCUITRY	9. MOUNTING	10. VOLTAGE	11. OPTIONS
L1 **L2** **L3** **L4** Select Driver below. See Light Level Performance and Photometric Data on p2 **LX** Enter desired lm/ft	**1** 1 Circuit **EM** Emergency / Night Light (not available for 2ft) **B** Emergency Battery Pack [2] (Limited to ambient temeratures above 0°C) **BC** Emergency Battery Pack for Cold Weather [2] (Limited to ambient temperatures down to -20°C)	**SS<u>A</u>** Solid Stem *Not suitable for installation in areas exposed to wind loads.* Replace "A" with length in inches selected on next page. Select Solid Stem Length, Canopy Finish & Power Cord Color on next page	**1** 120 V **2** 277 V **3** 347 V **4** UNV (120 - 277V)	**90** 90 CRI, High R9 **SP** Surge Protection **VH** Vandal Resistant Hardware **EF** End Feed (Alone fixtures only) **_** None (leave space empty)

*Consult factory. | [1] Pattern record drawings showing locations 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
- ☐ **L5E** Lutron 5-Series EcoSystem LED Driver
- Consult factory for -40 drivers.

Select Solid Stem Length - 1/2" OD Standard:

Standard supplied length is 18" (460mm). Hangers will be supplied at closest length. All other lengths are considered custom unless otherwise stated. **If no selection is made, 48" will be supplied.**

Select:	Imperial (in)	Metric (mm)
☐	12	305
☐	15	380
☐	18	460
☐	21	533
☐	24	610

Select:	Imperial (in)	Metric (mm)
☐	27	685
☐	30	760
☐	33	840
☐	36	915
☐	39	990

Select:	Imperial (in)	Metric (mm)
☐	42	1067
☐	45	1145
☐	48	1220
☐	Custom Length (in inches): _____	

Select Canopy Finish & Power Cord Color

Canopy		Power Cord
☐ White	☐ Custom Finish	☐ White
☐ Black	RAL: _____	☐ Black

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA
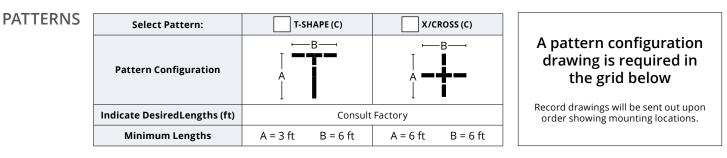
3500K, 80 CRI, 0-10V Dimming (Standard)

		Meta Blanc (MB)			Meta Ice (M)			Polycarbonate Lens (PC)			Luma Span (LS)			Luma Asymmetric (LA)		
Light Level		Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)
L1		385	3.3	117	423	3.3	129	392	3.3	119	424	3	129	441	3	134
L2		481	4.3	113	531	4.2	124	491	4.3	115	532	4	125	553	4	130
L3		648	5.7	113	716	5.8	124	663	5.8	115	719	6	125	744	6	129
L4		1206	11.8	102	1332	11.8	113	1232	11.7	104	1333	12	113	1383	12	117
Light Level **L3**	IES File	RM4DOD-1L35K-4-MB-L3			RM4DOD-1L35K-4-M-L3			RM4DOD-1L35K-4-PC-L3			RM4DOD-1L35K-4-LS-L3			RM4DOD-1L35K-4-LA-L3		
	Distribution % (Down / Up)	100 / 0			100 / 0			100 / 0			100 / 0			100 / 0		
	Zonal Lumens (0–90 / 90–180)	2593 / 0			2863 / 0			2651 / 0			2874 / 0			2974 / 0		
	Distribution Curve															
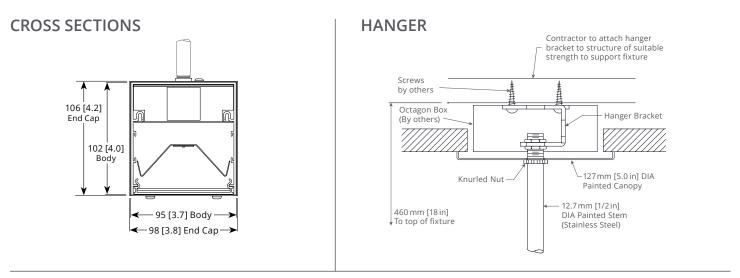
Lumen Adjustment Factor (Standard)

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.

PATTERNS

Select Pattern:	☐ T-SHAPE (C)	☐ X/CROSS (C)
Pattern Configuration		
Indicate Desired Lengths (ft)	Consult Factory	
Minimum Lengths	A = 3 ft B = 6 ft	A = 6 ft B = 6 ft

A pattern configuration drawing is required in the grid below

Record drawings will be sent out upon order showing mounting locations.

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www. metalumen.com

Metalumen

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FILE NAME: RM4DOD_LED_SS_SPEC_SHEET_20250502

CROSS SECTIONS

HANGER

SPECIFICATIONS

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

Housing: Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. Aluminum formed 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+ for 3500K, 80 minimum for all CCTs in standard configurations.

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 with a natatorium finish. Exceeds 4000 salt spray hours (ASTM B117). For custom colors, contact factory.

Weight: 2.1 kg/300mm [4.6 lb/ft]

Mounting: Stainless steel solid stem with a powder coat paint finish. Not suitable for installation in areas exposed to wind loads.

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. Drivers are integral. Consult factory for -40 drivers.

Approvals: All components are UL/CSA/QPS recognized or listed. RoHS compliant. This product is cULus listed.

Environment: Suitable for wet locations -22°F / -30°C start ambient temperature. Suitable for natatorium environments.

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.

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