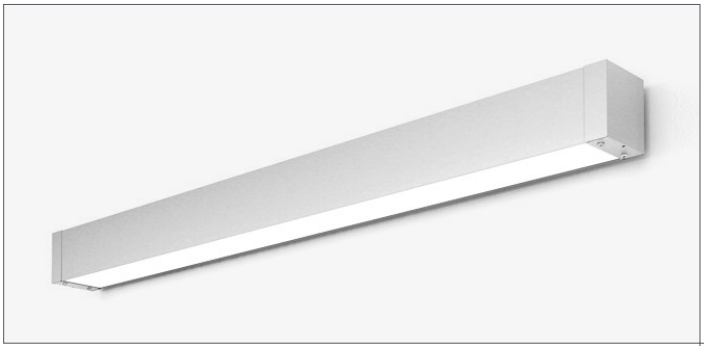
METALUMEN SPECIFICATION SHEET

RAIL 4 RM4DOD

OUTDOOR . LED . WALL (LENS FACING DOWN) . DIRECT

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



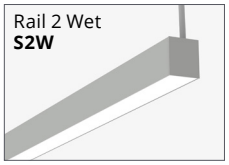
PERFORMANCE SUMMARY @ 3500K		Meta Blanc MB	Luma Span LS	Luma Asym. LA	Luma Graze LG	Polycarb. PC
		Light Level L3				
Lumens per foot	80 CRI	648	719	744	743	663
	90 CRI	567	629	651	650	580
Wattage per foot		5.7	5.8	6	6	6
Efficacy	80 CRI	113	125	129	129	115
	90 CRI	99	103	107	108	100
L70 Estimate (h)		≥ 60,000 hrs				

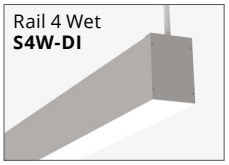
See complete Light Level Performance and Photometric Data on p2

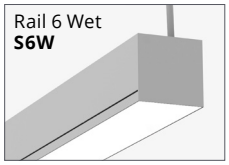
- **Efficacy up to 129 LPW**
- **Integral drivers**
- Optimized light control and lumen output with precision **Luma Optics™** available in batwing, asymmetric, and wall graze distributions.
- Indirect distribution available with Inverse Mount option
- Standard natatorium finish
- Emergency lighting

5 YEAR WARRANTY · cULus LISTED E360886 · WET · IK10 · LUMA OPTICS

OTHER RAIL WET SERIES PRODUCTS


Rail 2 Wet **S2W**


Rail 4 Wet **S4W-DI**


Rail 6 Wet **S6W**

ORDERING LOGIC

Example Part Number: RM4DOD-1L35K-12-MB-W-L31-W -1-SP

RM4DOD							W		
1	2	3	4	5	6	7	8	9	10

1. SERIES

RM4DOD

2. COLOR TEMP

- **1L30K** 3000K
- **1L35K** 3500K
- **1L40K** 4000K

90 CRI is available under OPTIONS

3. LENGTH

- **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
- **RA** Continuous Rows (Replace "A" with length in feet)
- **C** Custom Length*
- **_** None (leave space empty)

4. OPTICS

- **MB** Meta Blanc
- **PC** Polycarbonate IK10
- **LS** Luma Span (Batwing)
- **LG** Luma Graze (Wall Grazer, towards wall)
- **LA** Luma Asymmetric
  Select throw direction:
  - ☐ Away from wall
  - ☐ Towards the wall

MB: Acrylic opal diffuse lens
PC: Semi-diffuse lens
LS, LA, LG: Optical control lens

See Photometric Data on p2

5. NATATORIUM FINISH

- **SA** Satin Aluminum
- **W** White
- **B** Black
- **C** Custom Finish
  Specify RAL: ☐

6. LIGHT LEVEL / DRIVER

- **L1**
- **L2**
- **L3**
- **L4**

Select Driver below. See Light Level Performance and Photometric Data on p2

- **LX** Enter desired lm/ft: ☐

7. CIRCUITRY

- **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)

8. MOUNTING

- **W** Wall (horizontal mount only with lens facing down)

9. VOLTAGE

- **1** 120 V
- **2** 277 V
- **3** 347 V
- **4** UNV (120 - 277V)

10. OPTIONS

- **90** 90 CRI, High R9
- **SP** Surge Protection
- **VH** Vandal Resistant Hardware
- **EF** End Feed* (Alone fixtures only)
- **_** None (leave space empty)

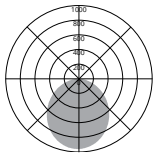
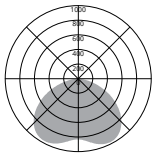
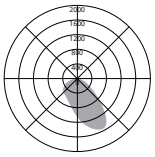
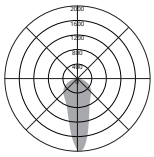
*Consult factory. | [2] Battery operates 4ft sections only.

Select Driver:
- ☐ **FD** 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.

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

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

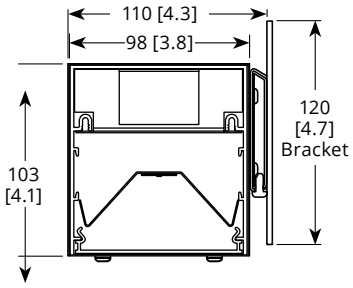
		Meta Blanc (MB)			Luma Span (LS)			Luma Asymmetric (LA)			Luma Graze (LG)			Polycarbonate Lens (PC)		
Light Level		Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)
L1		385	3.3	117	424	3	129	441	3	134	440	3	134	392	3.3	119
L2		481	4.3	113	532	4	125	553	4	130	550	4	129	491	4.3	115
L3		648	5.7	113	719	6	125	744	6	129	743	6	129	663	5.8	115
L4		1206	11.8	102	1333	12	113	1383	12	117	1381	12	117	1232	11.7	104
Light Level **L3**	IES File	RM4DOD-1L35K-4-MB-L3			RM4DOD-1L35K-4-LS-L3			RM4DOD-1L35K-4-LA-L3			RM4DOD-1L35K-4-LG-L3			RM4DOD-1L35K-4-PC-L3		
	Distribution % (Down / Up)	100 / 0			100 / 0			100 / 0			100 / 0			100 / 0		
	Zonal Lumens (0–90 / 90–180)	2593 / 0			2874 / 0			2974 / 0			2970 / 0			2651 / 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.

CROSS SECTIONS



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: Wall mount with lens facing down. Mounting plate provided.
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 iscULus 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.