RAIL 4 WET S4W-D

SURFACE . DIRECT

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

PERFORMANCE SUMMARY @ 3500K

PERFORMANCE SUMMARY @ 3500K		Meta Blanc (MB)	Photometric Curve
Lumens per foot	80 CRI	750	
	90 CRI	656	
Wattage per foot		9.3	
Efficacy (LPW)	80 CRI	83.2	
	90 CRI	72.8	
L70 Estimate (h)		≥ 60,000 hrs	

See page 2 for the complete Light Level Performance chart.

- Wet location and IP54 rated
- Continuous direct optics with no breaks
- Constructed of non-corrosive components
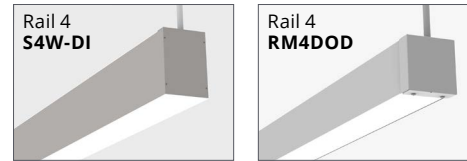- Standard natatorium powder coat finish

5 YEAR WARRANTY | IP54 | WET | IK 05 PENDING

OTHER RAIL WET SERIES PRODUCTS

Rail 4 **S4W-DI**

Rail 4 **RM4DOD**

ORDERING LOGIC

Example Part Number: S4W-D-35K-8-MB-NW-1001-S-3-OO

S4W-D								S			
1	2	3	4	5	6	7	8		9	10	11

1. SERIES	2. COLOR TEMP	3. LENGTH		4. OPTICS	5. NATATORIUM FINISH	6. LIGHT LEVEL / DRIVER
S4W-D Direct	**30K** 3000K **35K** 3500K **40K** 4000K 90 CRI is available under OPTIONS	**3** 3 ft **4** 4 ft **5** 5 ft **6** 6 ft **7** 7 ft **RA** Continuous Rows (Replace "A" with length in feet) **C** Custom Length*	**8** 8 ft **9** 9 ft **10** 10 ft **11** 11 ft **12** 12 ft	**MB** Meta Blanc **PC** Polycarbonate **Meta Blanc:** Opal diffuse **Polycarbonate:** Semi-diffuse	**NSA** Satin Aluminum **NW** White **NB** Black **NC** Custom Specify RAL:	**35** 350 lm/f **50** 500 lm/f **75** 750 lm/f **100** 1000 lm/f **C** Custom Range Specify lumens: (Total lumens between 350-1000 at 50 lm intervals) Select Driver below. See Light Level Performance chart on p2.

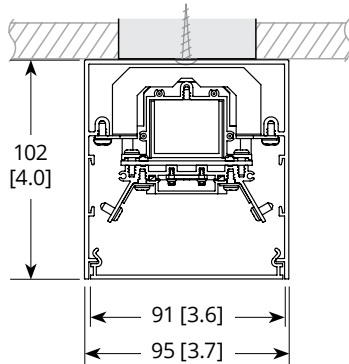| 7. CIRCUITRY	8. MOUNTING	9. VOLTAGE	10. CONTROLS	11. OPTIONS
1 1 Circuit **EM** Emergency / Night Light **B** Emergency Battery Pack* (Limited to ambient temperatures down to 0°C)	**S** Surface	**1** 120 V **2** 277 V **3** 347 V **4** UNV (120 - 277V)	**OO** Outdoor Occupancy Sensor **_** None (leave space empty)	**90** 90 CRI, High R9 **EF** End Feed (Alone fixtures only) **_** None (leave space empty)

*Consult factory.

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

Metalumen

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 | F 519.822.4589
www.metalumen.com

Page **1** of 2
FILE NAME: S4WD_S_SPEC_SHEET_20230308

WIRING

Standard

BLACK - LINE
BLACK 2 - NEUTRAL
GREEN - GROUND
BLACK 3 - DIM(+)
BLACK 4 - DIM(-)

CROSS SECTIONS

102 [4.0]

91 [3.6]

95 [3.7]
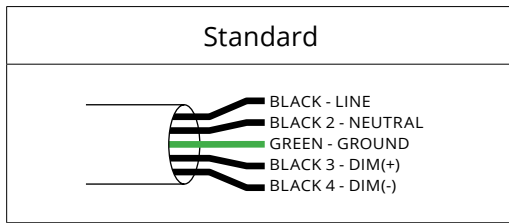
SPECIFICATIONS

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. For custom colors, contact factory.
Weight: 3 lb/ft
Mounting: Surface ceiling mount.
Drivers: Metalumen offers dimming* drivers as a standard on our entire LED product offering at 0-10V. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral.

Approvals: All components are UL/ CSA/QPS recognized or listed. RoHS compliant. Pending cULus listing.
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.

Metalumen

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 | F 519.822.4589
www. metalumen.com

Page **2** of 2
FILE NAME: S4WD_S_SPEC_SHEET_20230308