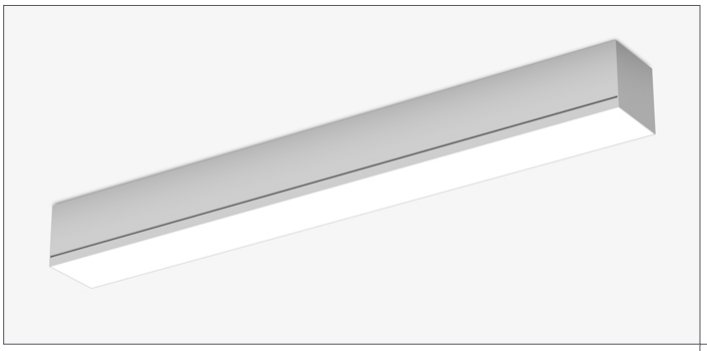
SPECIFICATION SHEET

RAIL 6 WET S6W

SURFACE . DIRECT

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



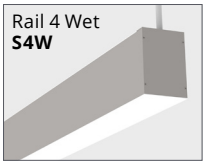
PERFORMANCE SUMMARY @ 3500K		Meta Blanc (MB)
Lumens per foot	80 CRI	791
	90 CRI	692
Wattage per foot		8.6
Efficacy (LPW)	80 CRI	86
	90 CRI	80
L70 Estimate (h)		≥ 60,000 hrs

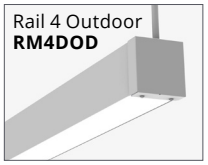
See page 2 for the complete Light Level Performance chart.

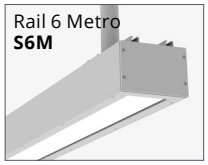
- Wet location and IP54 rated
- Continuous direct optics with no breaks
- Constructed of non-corrosive components
- Standard natatorium powder coat finish

5 YEAR WARRANTY · cULus LISTED E360886 · IP54 · WET · IK05 PENDING

OTHER RAIL WET SERIES PRODUCTS


Rail 4 Wet **S4W**


Rail 4 Outdoor **RM4DOD**


Rail 6 Metro **S6M**

ORDERING LOGIC

Example Part Number: S6W-35K-8-MB-NW-1001-S-3-OO-90EF

S6W			MB				S			
1	2	3	4	5	6	7	8	9	10	11

1. SERIES
- **S6W** Direct

2. COLOR TEMP
- **30K** 3000K
- **35K** 3500K
- **40K** 4000K

90 CRI is available under OPTIONS

3. LENGTH
- **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*

4. OPTICS
- **MB** Meta Blanc

Meta Blanc: Opal diffuse
Polycarbonate: Semi-diffuse

5. NATATORIUM FINISH
- **NSA** Satin Aluminum
- **NW** White
- **NB** Black
- **NC** Custom Specify RAL:

6. LIGHT LEVEL / DRIVER
- **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
- **1** 1 Circuit
- **EM** Emergency / Night Light
- **B** Emergency Battery Pack* (remote mounted) (Limited to ambient temperatures down to 0°C)

8. MOUNTING
- **S** Surface

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

10. CONTROLS
- **OO** Outdoor Occupancy Sensor
- _ None (leave space empty)

11. OPTIONS
- **90** 90 CRI, High R9
- _ None (leave space empty)

*Consult factory.

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

Light Level Performance

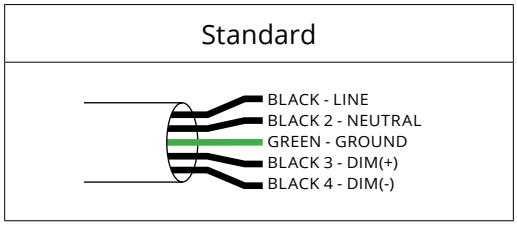
3500K, 80 CRI, 0-10V Dimming

	Meta Blanc (MB)		
Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)
35	387	4.3	90
50	552	6.2	89
75	791	8.6	86
100	1010	12.3	82

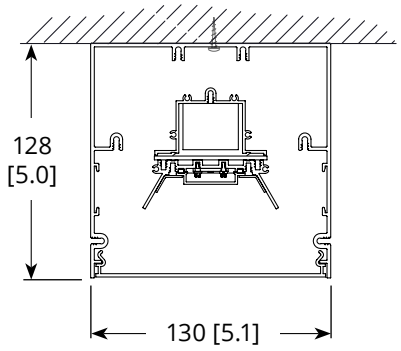
Lumen Adjustment Factor

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

WIRING



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. For custom colors, contact factory.
Weight: 1.6 kg/300 mm [3.5 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. 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.

PHOTOMETRIC DATA - 3500K, 80 CRI

Optics: **Meta Blanc**
IES File: **S6W-35K-4-MB-75**
Lumens: **791/ft** Wattage: **8.1/ft**
Efficacy: **86 LPW**

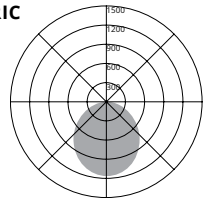
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-90	3164	100
90-180	0	0
0-180	3164	100

LUMINANCE DATA (CD/M2)

Vertical Angle	Horizontal Angle	
	0/180	90/270
85	3994	5123
75	5180	5098
65	5801	5792
55	6243	6240
45	6622	6667

PHOTOMETRIC CURVE
100% Down



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