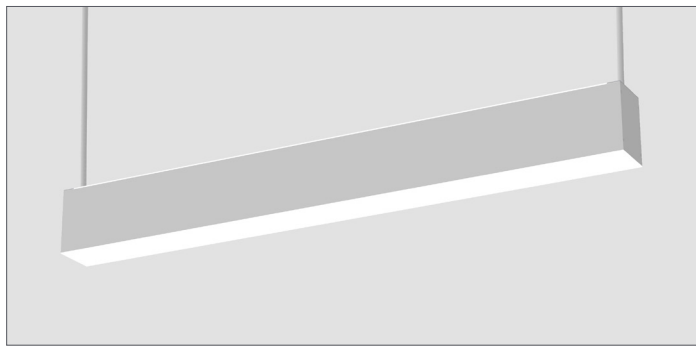


## RAIL 4 WET S4WDI

SOLID STEM . DIRECT / INDIRECT



- Wet location and IP54 rated
- Continuous direct optics with no breaks
- Constructed of corrosion resistant components
- Standard natatorium finish

**5 YEAR**  
WARRANTY

 cUL US  
LISTED  
E360886

IP54

WET

IK10

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

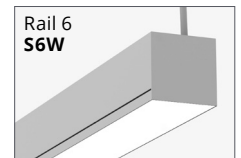
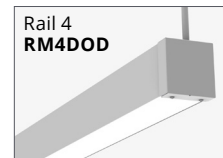
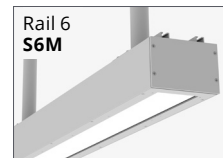
## PERFORMANCE SUMMARY @ 3500K

Up: Meta Blanc, Down: Meta Blanc (MBMB)

Lumens per foot	1000
Wattage per foot	10
Efficacy (LPW)	100
L70 Estimate (h)	≥ 60,000 hrs

See page 2 for the complete Light Level Performance chart.

## OTHER RAIL WET SERIES PRODUCTS



## ORDERING LOGIC

Example Part Number: S4WDI-35K-8-MBMB-NW-150EM-SS18-3-DD-90

S4WDI				MBMB				SS			
1	2	3	4	5	6	7	8	9	10	11	12
1. SERIES <b>S4WDI</b> Direct / Indirect	2. COLOR TEMP <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K  90 CRI is available under OPTIONS	3. LENGTH <b>3</b> 3 ft <b>4</b> 4 ft <b>5</b> 5 ft <b>6</b> 6 ft <b>7</b> 7 ft <b>8</b> 8 ft <b>9</b> 9 ft <b>10</b> 10 ft <b>11</b> 11 ft <b>12</b> 12 ft <b>RA</b> Continuous Rows (Replace "A" with length in feet) <b>C</b> Custom Length*	4. PATTERN <sup>1</sup> <b>GA</b> Square <b>GAxB</b> Rectangle <b>UAxBxC</b> U-Shape <b>LAxB</b> L-Shape <b>C</b> Custom Pattern* None (leave space empty)  Standard Patterns Minimum Lengths  Square: A = 4 ft min., B = 4 ft min. Rectangle: A = 3 ft min., B = 4 ft min., C = 3 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  T-Shape Cross/X  Select corner: Outside 90° Inside 90° 	5. OPTICS <b>MBMB</b> Up: Meta Blanc Down: Meta Blanc (Opal diffuse lens)	6. FINISH <b>NSA</b> Satin Aluminum <b>NW</b> White <b>NB</b> Black <b>NC</b> Custom Specify RAL:	7. LIGHT LEVEL / DRIVER <b>100</b> 1000 lm/f <b>150</b> 1500 lm/f  <b>C</b> Custom Range. Specify lumens: (Total lumens between 1000-2000 at 50 lm intervals)  Select Driver on next page. See Light Level Performance chart on p2.	8. CIRCUITRY <b>1</b> 1 Circuit <b>UD</b> Up / Down Switching* <b>EM</b> Emergency / Night Light <b>B</b> Emergency Battery Pack* (remote mounted) (Limited to ambient temperatures down to 0°C)	9. MOUNTING <b>SSX</b> Solid Stem Not suitable for wind loading.  Replace "X" with length in inches selected on next page.  Select Solid Stem Length, Canopy Finish & Power Cord Color on next page.	10. VOLTAGE <b>1</b> 120 V <b>2</b> 277 V <b>3</b> 347 V <b>4</b> UNV (120 - 277V)	11. CONTROLS <b>OO</b> Outdoor Occupancy Sensor <b>DD</b> Outdoor Dusk to Dawn Sensor None (leave space empty)	12. OPTIONS <b>90</b> 90 CRI, High R9 <b>SP</b> Surge Protection <b>EF</b> End Feed (Alone fixtures only) None (leave space empty)

\*Consult factory. | <sup>1</sup> Pattern record drawings showing mounting locations will be sent out upon order.
 Select Driver: ☐ Factory option 0-10V, 1% Dimming  
☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver  
☐ **LSE** Lutron 5-Series EcoSystem LED Driver

## 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)	Select:	Imperial (in)	Metric (mm)	Select:	Imperial (in)	Metric (mm)
<input type="checkbox"/>	12	305	<input type="checkbox"/>	27	685	<input type="checkbox"/>	42	1067
<input type="checkbox"/>	15	380	<input type="checkbox"/>	30	760	<input type="checkbox"/>	45	1145
<input type="checkbox"/>	18	460	<input type="checkbox"/>	33	840	<input type="checkbox"/>	48	1220
<input type="checkbox"/>	21	533	<input type="checkbox"/>	36	915	<input type="checkbox"/>	Custom Length:	
<input type="checkbox"/>	24	610	<input type="checkbox"/>	39	990			

## Select Canopy Finish &amp; Power Cord Color

Canopy		Power Cord
<input type="checkbox"/> White	<input type="checkbox"/> Custom Finish	<input type="checkbox"/> White
<input type="checkbox"/> Black	RAL: _____	<input type="checkbox"/> Black

## LIGHT LEVEL PERFORMANCE

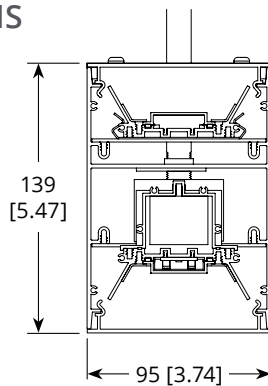
## 3500K, 80CRI, 0-10V Dimming (Standard)

Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	IES File	Distribution % (Down / Up)	Zonal Lumens (0-90 / 90-180)	Distribution Curve
100	1000	10.0	100	S4WDI-35K-4-MBMB-100	52 / 48	2101 / 1910	
150	1500	15.3	98	S4WDI-35K-4-MBMB-150	52 / 48	3139 / 2852	
200	2000	21.1	95	S4WDI-35K-4-MBMB-200	52 / 48	4190 / 3807	
Metalumen's light level performance metrics are subject to manufacturers component tolerances.							

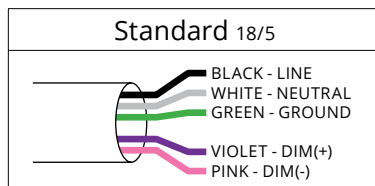
## Lumen Adjustment Factor (Standard)

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

## CROSS SECTIONS

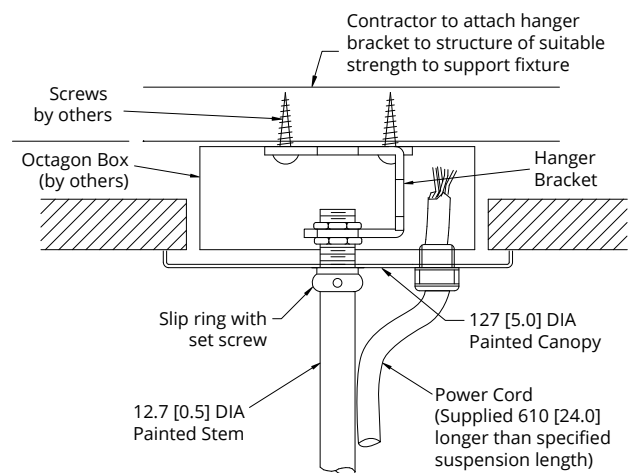


## WIRING



## HANGER

## Solid Stem &amp; Cord



## 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:** 2.1 kg/300mm [ 4.6 lb/ft ]

**Mounting:** Stainless steel solid stem with a powder coat paint finish. Not suitable for wind loading.

**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. Up/down switching for 3ft and 7ft requires remote 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.