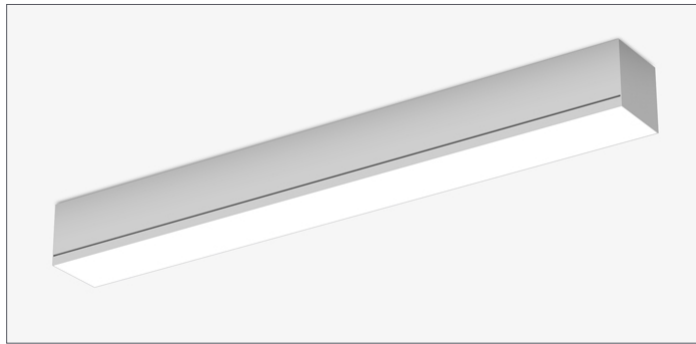


## RAIL 6 WET S6W

SURFACE . DIRECT



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

**5YEAR**  
WARRANTY

 cUL<sup>us</sup>  
LISTED  
E360886

IP54

WET

 IK<sup>05</sup>  
PENDING

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.

## OTHER RAIL WET SERIES PRODUCTS



## ORDERING LOGIC

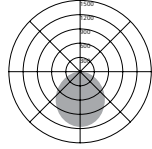
Example Part Number: S6W-35K-8-MB-NW-1001-S-3-00

S6W				MB				S			
1	2	3	4	5	6	7	8	9	10	11	12
1. SERIES <b>S6W</b> Direct	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=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 3  T-Shape, Cross/X, Wall-to-Ceiling*  Select corner: Outside 90° Inside 90°	5. OPTICS <b>MB</b> Meta Blanc      <b>Meta Blanc:</b> Opal diffuse	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>35</b> 350 lm/f <b>50</b> 500 lm/f <b>75</b> 750 lm/f <b>100</b> 1000 lm/f <b>C</b> Custom Range. Specify lumens: (Total lumens between 350-1000 at 50 lm intervals)  Select Driver below. See Light Level Performance chart on p2.	8. CIRCUITRY <b>1</b> 1 Circuit <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>S</b> Surface	10. VOLTAGE <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V <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 _ 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  
☐ **L5E** Lutron 5-Series EcoSystem LED Driver

## LIGHT LEVEL PERFORMANCE &amp; PHOTOMETRIC DATA

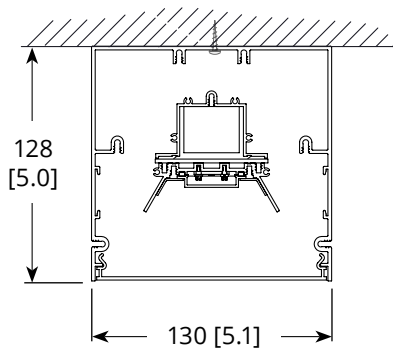
## 3500K, 80 CRI, 0-10V Dimming (Standard)

Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	IES File	Distribution % (Down / Up)	Zonal Lumens (0-90 / 90-180)	Distribution Curve
35	387	4.3	90	S6W-30K-4-MB-35	100/0	1548 / 0	
50	552	6.2	89	S6W-30K-4-MB-50		2209 / 0	
75	791	8.6	86	S6W-30K-4-MB-75		3164 / 0	
100	1010	12.3	82	S6W-30K-4-MB-100		4042 / 0	
Metalumen's light level performance metrics are subject to manufacturers component tolerances. Photometric performance is measured and scaled in accordance with IESNA LM-79.							

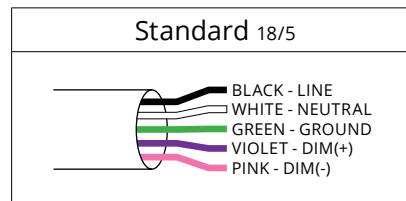
## Lumen Adjustment Factor (Standard)

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

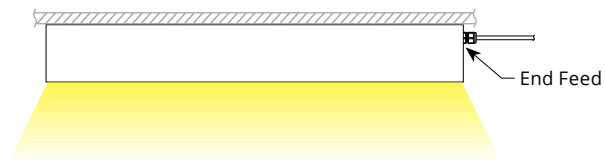
## CROSS SECTION



## WIRING



## POWER CABLE FEED LOCATION



## 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.