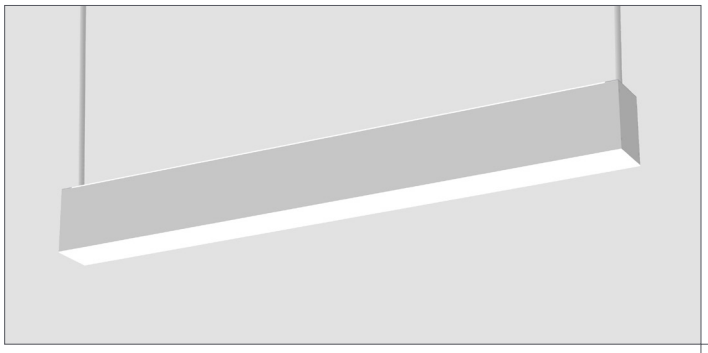
RAIL 4 WET S4WDI

SOLID STEM . DIRECT / INDIRECT

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



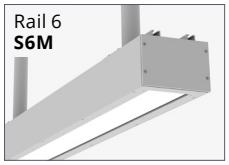
PERFORMANCE SUMMARY @ 3500K	Up: Meta Blanc, Down: Meta Blanc (MBMB)
Lumens per foot	1000
Wattage per foot	10
Efficacy (LPW)	100
L70 Estimate (h)	≥ 60,000 hrs

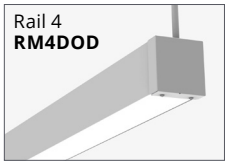
See page 2 for the complete Light Level Performance chart.

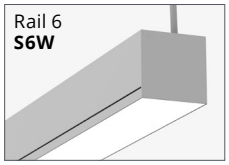
- Wet location and IP54 rated
- Continuous direct optics with no breaks
- Constructed of corrosion resistant components
- Standard natatorium finish

5 YEAR WARRANTY · cULus LISTED E360886 · IP54 · WET · IK10

OTHER RAIL WET SERIES PRODUCTS


Rail 6 **S6M**


Rail 4 **RM4DOD**


Rail 6 **S6W**

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
S4WDI Direct / Indirect

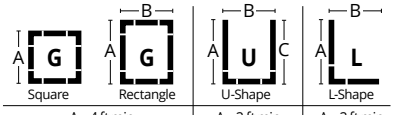
2. COLOR TEMP
30K 3000K
35K 3500K
40K 4000K

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. PATTERN [1]
GA Square
GAx**B** Rectangle
UAx**B**x**C** U-Shape
LAx**B** L-Shape
C Custom Pattern*
_ None (leave space empty)

Standard Patterns Minimum Lengths

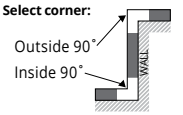


Square	Rectangle	U-Shape	L-Shape
A = 4 ft min. B = 4 ft min.		A = 3 ft min. B = 4 ft min. C = 3 ft min.	A = 3 ft min. B = 3 ft min.

Custom Patterns*
Lengths and a drawing of custom pattern are required on page 3

T-Shape Cross / X

Select corner:



5. OPTICS
MBMB Up: Meta Blanc Down: Meta Blanc (Opal diffuse lens)

6. FINISH
NSA Satin Aluminum
NW White
NB Black
NC Custom Specify RAL:

7. LIGHT LEVEL / DRIVER
100 1000 lm/f
150 1500 lm/f
200 2000 lm/f
C 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
1 1 Circuit
UD Up / Down Switching*
EM Emergency / Night Light
B Emergency Battery Pack* (remote mounted) (Limited to ambient temperatures down to 0°C)

9. MOUNTING
SSX Solid Stem
not suitable for installation in areas exposed to wind loads

Replace "**X**" with length in inches selected on next page.

Select Solid Stem Length, Canopy Finish & Power Cord Color on next page.

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

11. CONTROLS
OO Outdoor Occupancy Sensor
DD Outdoor Dusk to Dawn Sensor
_ None (leave space empty)

12. OPTIONS
90 90 CRI, High R9
SP Surge Protection
EF End Feed (Alone fixtures only)
_ None (leave space empty)

*Consult factory. | [1]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

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 | www.metalumen.com

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)
☐	**12**	305
☐	**15**	380
☐	**18**	460
☐	**21**	533
☐	**24**	610

Select:	Imperial (in)	Metric (mm)
☐	**27**	685
☐	**30**	760
☐	**33**	840
☐	**36**	915
☐	**39**	990

Select:	Imperial (in)	Metric (mm)
☐	**42**	1067
☐	**45**	1145
☐	**48**	1220
☐	Custom Length: _____	

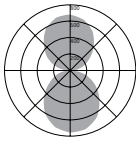
Select Canopy Finish & Power Cord Color

Canopy	
☐ White	☐ Custom Finish
☐ Black	RAL: _____

Power Cord
☐ White
☐ Black

LIGHT LEVEL PERFORMANCE

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

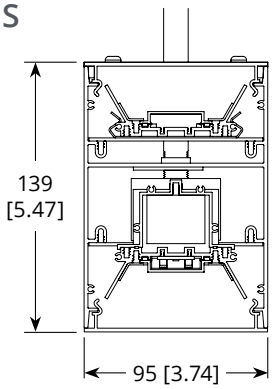
Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	IES File	Distribution % (Down / Up)	Zonal Lumens (0–90 / 90–180)	Distribution Curve
100	1000	10.0	100	S4WDI-35K-4-MBMB-100	52 / 48	2101 / 1910	
150	1500	15.3	98	S4WDI-35K-4-MBMB-150	52 / 48	3139 / 2852	
200	2000	21.1	95	S4WDI-35K-4-MBMB-200	52 / 48	4190 / 3807	

Metalumen's light level performance metrics are subject to manufacturers component tolerances.

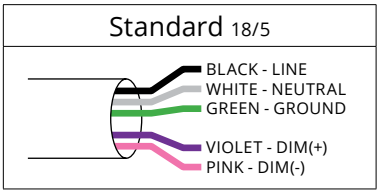
Lumen Adjustment Factor (Standard)

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

CROSS SECTIONS

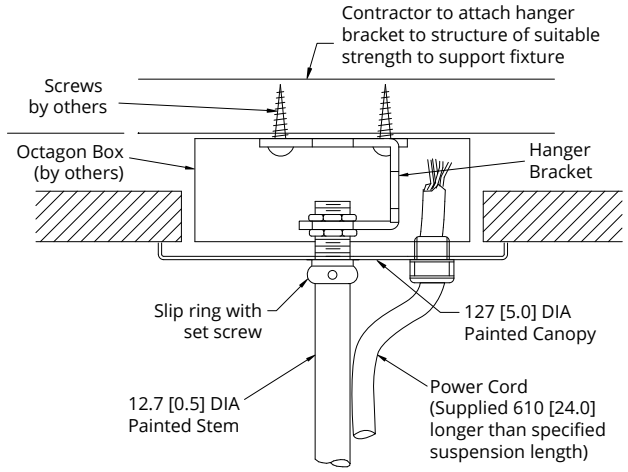


WIRING



HANGER

Solid Stem & 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 installation in areas exposed to wind loads.
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.