RAIL 6 WET S6W

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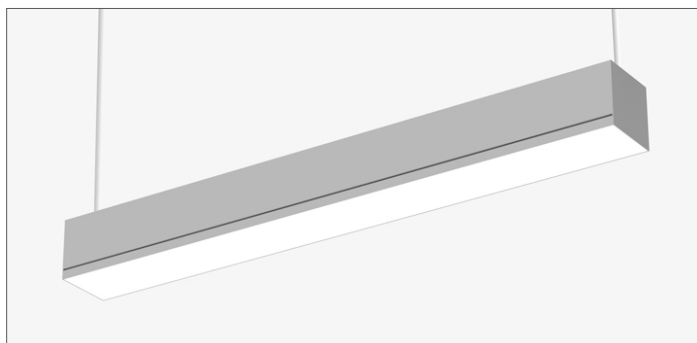
PART #:		
PREP BY:		DATE:
PROJECT:		QTY:
NOTES:		
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):	

PERFORMANCE SUMMARY @ 3500K

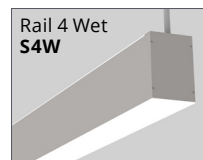|		Meta Blanc (MB), Light Level 75
Lumens per foot	80 CRI	791
	90 CRI	692
Wattage per foot		8.6
Efficacy (LPW)	80 CRI	86
	90 CRI	80
L70 Estimate (h)		≥ 60,000 hrs

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 · c(UL)us 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-SS18-3-OO-90

S6W				MB				SS			
1	2	3	4	5	6	7	8	9	10	11	12

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. 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 — A = 4 ft min. B = 4 ft min.
Rectangle
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
MB Meta Blanc

Meta Blanc: Opal diffuse

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

7. LIGHT LEVEL / DRIVER
35 350 lm/f   **75** 750 lm/f
50 50 0 lm/f   **100** 1000 lm/f
C Custom Range. Specify lumens:
(Total lumens between 350-1000 at 50 lm intervals)
Select Driver on next page. See Light Level Performance chart on p2.

8. CIRCUITRY
1 1 Circuit
EM Emergency / Night Light
B Emergency Battery Pack* (remote mounted) (Limited to ambient temperatures down to 0°C)

9. MOUNTING
SSA Solid Stem
Not suitable for wind loading.
Replace "A" with length in inches selected on p2.
Select Solid Stem Length, Canopy Finish & Power Cord Color on p2.

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
_ 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
Page **1** of **2**
FILE NAME: S6W_SS_SPEC_SHEET_20250411

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
- ☐ Black
- ☐ Custom Finish
- RAL: _____

Power Cord
- ☐ White
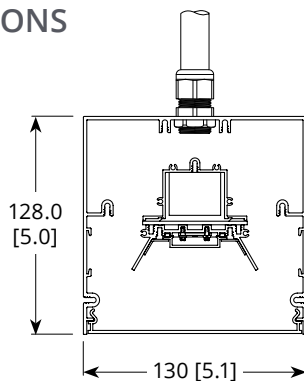- ☐ Black

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
35	387	4.3	90	S6W-35K-4-MB-35		1546 / 0	
50	552	6.2	89	S6W-35K-4-MB-50	100/0	2206 / 0	
75	791	8.6	86	S6W-35K-4-MB-75		3164 / 0	
100	1010	12.3	82	S6W-35K-4-MB-100		4036 / 0	

Metalumen's light level performance metrics are subject to manufacturers component tolerances.
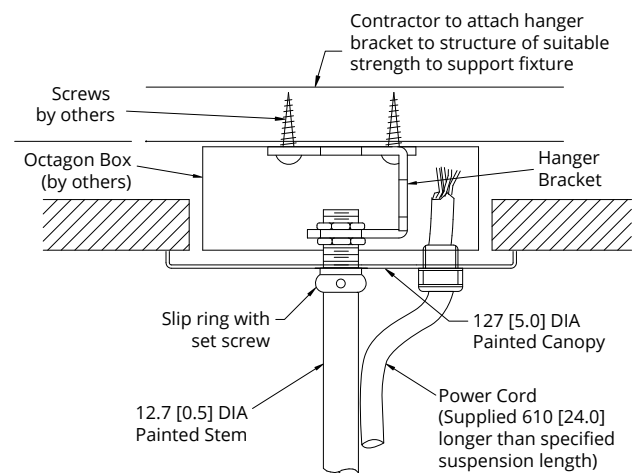
Lumen Adjustment Factor (Standard)

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

CROSS SECTIONS

128.0 [5.0]

130 [5.1]

HANGER

Solid Stem & Cord

Contractor to attach hanger bracket to structure of suitable strength to support fixture

Screws by others

Octagon Box (by others)

Hanger Bracket

Slip ring with set screw

127 [5.0] DIA Painted Canopy

12.7 [0.5] DIA Painted Stem

Power Cord (Supplied 610 [24.0] longer than specified suspension length)

WIRING

Standard 18/5

- BLACK - LINE
- WHITE - NEUTRAL
- GREEN - GROUND
- VIOLET - DIM(+)
- PINK - DIM(-)

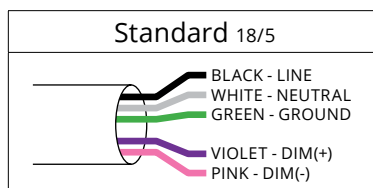## SPECIFICATIONS

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: Standard natatorium powder coated finish in satin aluminum, white and black. For custom colors, contact factory.

Weight: 1.6 kg/300 mm [3.5 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.
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.

Metalumen

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Page **2** of **2**

FILE NAME: S6W_SS_SPEC_SHEET_20250411