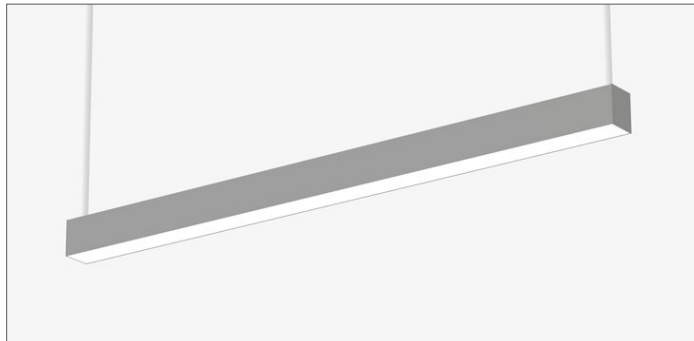


RAIL 2 WET S2WD

SOLID STEM . DIRECT



- 2.4 inch wide profile
- Continuous direct optics with no breaks
- Constructed of corrosion resistant components
- Standard natatorium powder coat finish

5 YEAR
WARRANTY

UL US
LISTED
E360886

LUMA
OPTICS

WET
IP65 ec
ELECTRICAL
COMPONENTS

IK 10
PENDING

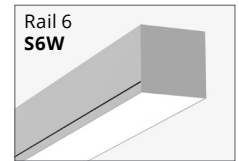
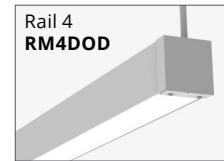
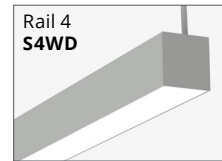
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY, 90CRI

	Meta Blanc (MB) (3000K)	Luma Asymmetric (LA) (3500K)
Light Level	45	45
Lumens per foot	455	468
Wattage per foot	5.8	5.0
Efficacy	91	94
L70 Estimate (h)	≥ 60,000 hrs	

See complete Light Level Performance on next page.

OTHER RAIL WET SERIES PRODUCTS



ORDERING LOGIC

Example Part Number: S2WD-35K-8-MB-NW-451-SS18-4

S2WD										SS			
1	2	3	4	5	6	7	8	9	10	11	12		
1. SERIES S2WD Direct	2. COLOR TEMP 30K 3000K 35K 3500K 40K 4000K 90 CRI is standard	3. LENGTH 2 2 ft 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 GAxB Rectangle UAxBxC U-Shape LAxB L-Shape C 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* T-Shape Cross /X				5. OPTICS MB Meta Blanc LA Luma Asymmetric Select throw direction: ☐ Away from wall ☐ Towards the wall MB: Acrylic opal diffuse lens LA: Optical control lens See Photometric Data on next page.		6. NATATORIUM FINISH NSA Satin Aluminum NW White NB Black NC Custom Specify RAL: 			
7. LIGHT LEVEL / DRIVER 27 270 lm/f 45 450 lm/f 34 340 lm/f 80 800 lm/f C Custom Range. Specify lumens: (Total lumens between 270-800 at 50 lm intervals) Select Driver below. See Light Level Performance chart on next page.		8. CIRCUITRY 1 1 Circuit EM Emergency / Night Light B Emergency Battery Pack (Remote for 2-3 ft lengths. Integral for 4 ft and longer) (Limited to ambient temperatures down to 0°C)		9. MOUNTING SSA Solid Stem <i>Not suitable for areas exposed to wind loading</i> Replace "A" with length in inches selected on next page. Select Solid Stem Length, Canopy Finish & Power Cord Color on next page		10. VOLTAGE 3 347 V 4 UNV (120 - 277V)		11. CONTROLS - None (leave space empty)		12. OPTIONS - None (leave space empty)			

*Consult factory. | ¹ Pattern record drawings showing mounting locations will be sent out upon order.

Select Driver: ☐ **FD** Factory options 0-10V, 1% Dimming
☐ **D2** DALI
 Consult factory for -40 drivers.

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)
☐	12	305	☐	27	685	☐	42	1067
☐	15	380	☐	30	760	☐	45	1145
☐	18	460	☐	33	840	☐	48	1220
☐	21	533	☐	36	915	☐	Custom Length:	
☐	24	610	☐	39	990			

Select Canopy Finish & Power Cord Color

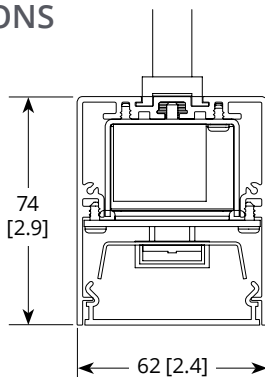
Canopy		Power Cord
☐ White	☐ Custom Finish	☐ White
☐ Black	RAL: _____	☐ Black

LIGHT LEVEL PERFORMANCE

90 CRI, 0-10V Dimming (Standard)

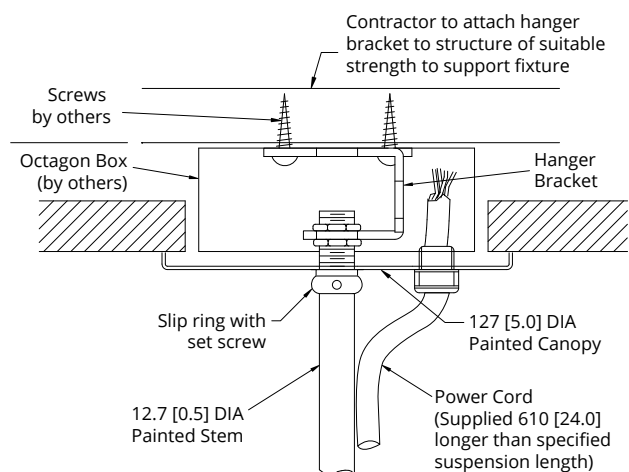
Optics	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Distribution % (Up / Down)	Total Lumens (Up / Down)	Distribution Curve
Meta Blanc (3000K)	27	275	3.3	83	0 / 100	0 / 1100	
	34	342	4.3	80		0 / 1368	
	45	456	5.8	79		0 / 1824	
	80	816	12.0	68		0 / 3264	
Luma Asymmetric (3500K)	27	281	2.9	97	0 / 100	0 / 1124	
	34	347	3.6	96		0 / 1390	
	45	468	5.0	94		0 / 1872	
	80	814	9.6	85		0 / 3256	
Lumen Adjustment Factor (3000K / 3500K / 4000K): 80 CRI: 0.984 / 1.000 / 1.032 90 CRI: 0.880 / 0.875 / 0.879			Metalumen's light level performance metrics are subject to manufacturers component tolerances. Photometric performance is measured and scaled in accordance with IESNA LM-79.				

CROSS SECTIONS

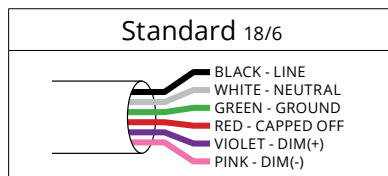


HANGER

Solid Stem & Cord



WIRING



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: 90+ for 3500K, 90 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. Exceeds 4000 salt spray hours (ASTM B117). For custom colors, contact factory.

Weight: 2 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. Consult factory for -40 drivers.

Approvals: All components are UL/

CSA/QPS recognized or listed, RoHS compliant. Pending cULus listing. Pending IK10 rating. Electrical components are IP65 rated.

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.