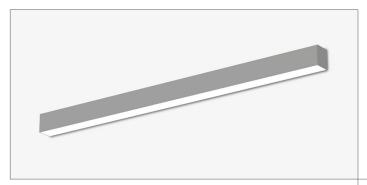
## **RAIL 2 WET S2WD**

WALL. DIRECT





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

PERFORMANCE SUMMARY @ 3000K, 90CRI	Meta Blanc (MB)
Light Level	27
Lumens per foot	342
Wattage per foot	3.3
Efficacy	83
L70 Estimate (h)	≥ 60,000 hrs

See complete Light Level Performance on next page.

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





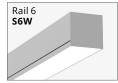








OTHER RAIL WET SERIES PRODUCTS



## ORDERING LOGIC

#### Example Part Number: S2WD-35K-8-MB-NW-801-W-4-90EF

S2WD				МВ			w			90
1	2	3	4	5 6	7	8	9	10	11	12
1. SERIES S2WD Direct	2. COLOR TEM 30K 3000K 35K 3500K 40K 4000K	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 Contin	" <u>A</u> " with length in feet)	GAXB UAXBXC LAXB C Standard Pattern A G Square A=	Square Rectangle	De L-Shape min. A=3 ft min. min. B=3 ft min.	MB: Ac	rylic opal diffuse lens  Photometric Data on next page.	NSA NW NB	ATORIUM FINISH Satin Aluminum White Black Custom Specify RAL:
7. LIGHT LEVEL / DRIVER 27 270 lm/f 34 340 lm/f 36 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/ (Remote for 2- Integral for 4 f (Limited to amb down to 0°C.)		Battery Pack of t lengths.	9. MOUNTING W Wall Lens facing do	4 UNV	/	11. CONTROLS  None (leave space empty	EF	OPTIONS End Feed None (leave space empty)		

 $<sup>\</sup>hbox{$^*$Consult factory.} \ | \ ^1 Pattern \, record \, drawings \, showing \, mounting \, locations \, will \, be \, sent \, out \, upon \, order.$ 

Select Driver:  $\square$  Factory options 0-10V, 1% Dimming

D2 DALI

Consult factory for -40 drivers.



### LIGHT LEVEL PERFORMANCE

## 3000K, 90CRI, 0-10V Dimming (Standard)

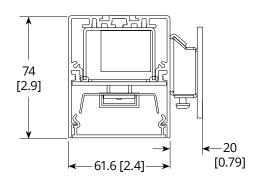
Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	IES File	Distribution % (Down / Up)	Zonal Lumens (0–90 / 90–180)	Distribution Curve
27	275	3.3	83	S2WD-30K-4-MB-27		1100 / 0	
34	342	4.3	79	S2WD-30K-4-MB-34	10070	1368 / 0	
45	455	5.8	78	S2WD-30K-4-MB-45	100/0	1824 / 0	
80	816	12.0	68	S2WD-30K-4-MB-80		3264 / 0	

# Lumen Adjustment Factor (Standard)

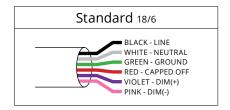
Color Temp	90 CRI
3000K	0.984
3500K	1.000
4000K	1.032

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

## **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:** 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:** Wall mount with lens facing down. Mounting plate provided. **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.

**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.

