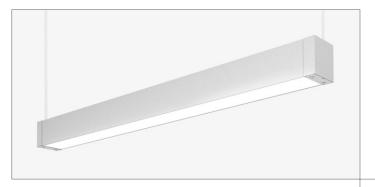
## **RAIL 4 OUTDOOR**

OUTDOOR . LED . SOLID STEM . DIRECT





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

PERFORMANCE SUMMARY @		Meta Blanc MB	Meta Ice M	Luma Span LS	Luma Asym. LA	Polycarbonate PC
3500K	3500K		L3	L3	L3	L3
Lumens	80 CRI	648	716	719	744	663
per foot	per foot 90 CRI		627	629	651	580
Wattage p	Wattage per foot		5.8	5.8	6	6
□ fficaci.	80 CRI	113	124	125	129	115
Efficacy	Efficacy 90 CRI		99 108 103 107		100	
L70 Estima	ate (h)		≥ 60,	000 hrs		

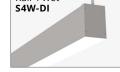
See complete Light Level Performance and Photometric Data on p2

- Efficacy up to 134 LPW
- Integral drivers
- Indirect distribution available with Inverse Mount option
- · Standard natatorium finish
- Emergency lighting









Rail 4 Wet



OTHER RAIL WET SERIES PRODUCTS

#### **ORDERING LOGIC**

Example Part Number: RM4DOD-1L35K-G6x8-MB-W-L31-SS18-1-90

RM4DOD									ss		
1	2	3	4	5		6	7	8	9	10	11
1. SERIES RM4DOD	2. COLOR TEMP 1L30K 3000K 1L35K 3500K 1L40K 4000K  90 CRI is available under OPTIONS	2 3 4 5 6 7 8 9 10 11 12 R <u>A</u>	NGTH 2 ft 3 ft 4 ft 5 ft 6 ft 7 ft 8 ft 9 ft 10 ft 11 ft 12 ft Continuous Rows (Replace "A" with length in feet Custom Length* None (leave space empty)	Sta	GAXB R  JAXBXC U  LAXB L- C C _ N  Indard Pat  A G G  Square A = 4ft min.	quare ectangle -Shape -Shape ustom Patteri lone (leave space tern Minimum  A  Rectangle	Lengths  B C C C C A D U-Shape  A=3ftmin.	LShape L=3ftmin.	5. OPTICS  MB Meta Blar  M Meta Ice  LS Luma Spa  LA Luma Asy  PC Polycarbo  MB: Acrylic opal of the semi-diffuse lens  PC: Semi-diffuse  See Photometric	in (Batwing) mmetric mate IK10 diffuse lens high output	6. NATATORIUM FINISH  SA Satin Aluminum  W White  B Black  C Custom Finish Specify RAL:
L1 L2 L3 L4	elect Driver below. See Light Level Performance and Photometric Data on p2	1	RCUITRY  1 Circuit  Emergency / Night Light (not available for 2ft)  Emergency Battery Pack (Limited to ambient temeratuabove 0°C)  Emergency Battery Pack Cold Weather <sup>2</sup> (Limited to ambient temperat down to -20°C)	for	SSA Solid Stem Not suitable for wind loading.  Replace "A" with length in inches selected on next page. Select Solid Stem Length, Canopy Finish &			page.	D. VOLTAGE  1 120 V  2 277 V  3 347 V  4 UNV (120 - 277V)	VH Vand	

\*Consult factory. | ¹ Pattern record drawings showing locations will be sent out upon order. | ² Battery operates 4ft sections only.

Select Driver: ☐ Factory option 0-10V, 1% Dimming

 $\square$  **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver

☐ **L5E** Lutron 5-Series EcoSystem LED Driver

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)			
	12	305			
	15	380			
	18	460			
	21	533			
П	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 (in inches):	

#### Select Canopy Finish & Power Cord Color

Canopy		Power Cord	
White	Custom Finish	White	
Black	RAL:	Black	

#### LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

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

	Meta Blanc (MB) Meta Ice (M)		1)	Polycarbonate Lens (PC)			Luma Span (LS)			Luma Asymmetric (LA)						
	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)
	L1	385	3.3	117	423	3.3	129	392	3.3	119	424	3	129	441	3	134
	L2	481	4.3	113	531	4.2	124	491	4.3	115	532	4	125	553	4	130
	L3	648	5.7	113	716	5.8	124	663	5.8	115	719	6	125	744	6	129
	L4	1206	11.8	102	1332	11.8	113	1232	11.7	104	1333	12	113	1383	12	117
	IES File	RM4DO	D-1L35K-4	-MB-L3	RM4DOD-1L35K-4-M-L3		RM4DOD-1L35K-4-PC-L3		RM4DOD-1L35K-4-LS-L3			RM4DOD-1L35K-4-LA-L3				
	Distribution % (Down / Up)	100 / 0		100 / 0		100 / 0		100 / 0			100 / 0					
<u>E</u>	Zonal Lumens (0-90 / 90-180)				2863 / 0		2651 / 0			2874 / 0			2974 / 0			
Light Level	Distribution Curve															

#### 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

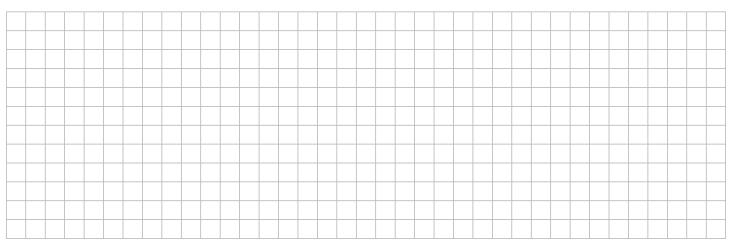
 $Metalumen's\ light\ level\ performance\ metrics\ are\ subject\ to\ manufacturers\ component\ tolerances.$ 

#### **PATTERNS**

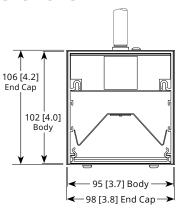
Select Pattern:	T-SHAPE (C)	X/CROSS (C)
Pattern Configuration	B   A	B
Indicate DesiredLengths (ft)	Consul	t Factory
Minimum Lengths	A = 3 ft B = 6 ft	A = 6 ft B = 6 ft

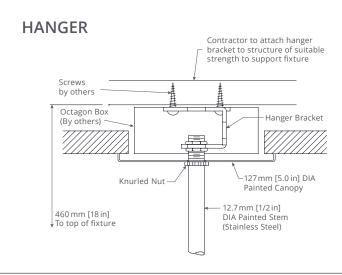
# A pattern configuration drawing is required in the grid below

Record drawings will be sent out upon order showing mounting locations.



#### **CROSS SECTIONS**





#### **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 (ASTM B117). For custom colors,

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. Exceeds 4000 salt spray hours (ASTM R117). 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 wind loading. Drivers: Metalumen offers 0-10V dimming\* as a standard on our entire LED product offering. 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. 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.

