

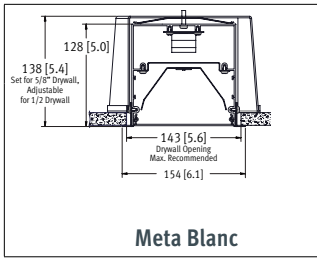
# Rail 6 S6

## LED . Recessed Drywall Flanged

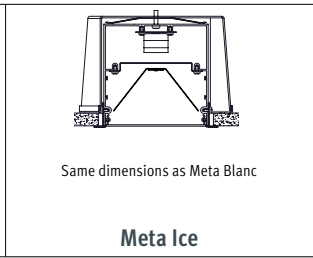


DLC Applicable only to Meta Ice Optics

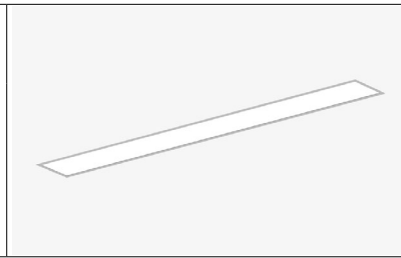
CAT #:
PREP BY:
DATE:
PROJECT:
TYPE:
NOTES:



Meta Blanc



Meta Ice



## ORDERING LOGIC

Example Part Number: S6-1L35K-8-MB-W-L31-D-1-D-90

S6									D			
Series	Color Temp	Length/Pattern	Optics Up	Optics Down	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options	
<b>Color Temp</b>	<b>Length/Pattern (Cont'd)</b>	<b>Optics Up</b>	<b>Light Level (LL) / Driver</b>				<b>Circuitry</b>	<b>Controls</b>				
1L30K = 3000K	8 = 8 ft	= None (leave space empty)	<b>Performance at 3500K 0-10V Dimming (Standard)</b>				1 = 1 Circuit	= None (leave space empty)				
1L35K = 3500K	9 = 9 ft	<b>Optics Down</b>	Optics	Light Level	Lumens Delivered	Wattage	Efficacy (LPW)	EM = Emergency / Night Light	D = Daylight Sensor			
1L40K = 4 ft	10 = 10 ft	MB = Meta Blanc	MB	L1	1479	13.8	107	B = Battery Pack	O = Occupancy Sensor			
1LTUN = 2-White Tunable (2700 - 6500K)	11 = 11 ft	M = Meta Ice		L2	1824	17.6	104	<b>Mounting</b>				
<b>Length/Pattern</b>	12 = 12 ft	MD = Drop Lens**		L3	2435	24.2	101	D = Recessed Drywall Flanged	DO = Daylight/Occupancy Sensor			
2 = 2 ft	R = Continuous Rows See page 3	<b>Finish</b>		L4	4483	49.9	90	<b>Options</b>				
3 = 3 ft	G = Square / Rectangle	SA = Satin Aluminum	M	L1	1730	13.8	125	90 = 90 CRI				
4 = 4 ft	U = U-Shape	W = White		L2	2133	17.6	121	= None (leave space empty)				
5 = 5 ft	L = L-Shape	C = Custom Finish Specify RAL#:		L3	2850	24.2	118	1 = 120 V				
6 = 6 ft	C = Custom Pattern*			L4	5248	49.8	105	2 = 277 V				
7 = 7 ft	Enter pattern dimensions on page 2		MD	L1	1433	14	102	3 = 347 V				
				L2	1793	17.69	101	4 = UNV (120 - 277 V)				
				L3	2439	24.2	100					
				L4	4523	49.9	90					
			<b>Lumen Adjustment Factor</b>									
			Color Temp	80 CRI	90 CRI							
			3000K	0.984	0.873							
			3500K	1.000	0.875							
			4000K	1.032	0.879							

\* Consult factory for custom patterns, including X and T patterns. | \*\* Drop lens is not available with patterns.

## 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, and steel formed end caps.

**Optical System:** Optical System MetaLED mid flux LED technology transmits to an internal high performance-side kicking reflector that then passes through our Meta Blanc or Meta Ice acrylic diffuser for smooth distribution, creating a continuation of smooth consistent light.

**CRI:** 83+ for 3500K, 80 minimum for all CCTs

in standard configurations.

**Lumen Maintenance:** At an ambient operating temperature of 35°C, the LED lifetime expectancy > 60 000hrs at L85.

**Finish:** Satin aluminum and white are standard finishes. For custom finish, contact factory.

**Weight:** 1.7 kg/300mm [ 3.8 lb/ft ]

**Mounting:** Mounting brackets/clips provided.

**Electrical:** Factory prewired with easy wire quick connect sections.

**Drivers:** Metalumen offers dimming drivers as a standard on our entire LED product offering at 0-10V. Dimming is 10%-100% range Power factor is >90% with a Class 2 rating.

**Lutron Driver Options:** Consult factory for Lutron driver options:

- L3DAE Hi-lume 1% EcoSystem LED Driver
- L3DA3W Hi-lume 1% 3-wire LED Driver
- LTEA2W Hi-lume 1% 2-wire LED Driver
- LDE1 Hi-lume 1% -H EcoSystem LED Driver

- LDE5 5-Series EcoSystem LED Driver
- Controls:** Refer to Ordering Logic chart above.  
**Approvals:** Certified to NRTL safety and IES recommendation testing standards. cULus listed. All components are CSA/QPS recognized or listed, RoHS, LM79, LM80 and LM82 compliant.  
**Environment:** Suitable for dry or damp locations.

## 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.

APPROVALS Signature \_\_\_\_\_

Date \_\_\_\_\_

FILE NAME: S6\_D\_SPEC SHEET\_20180508

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 | F 519.822.4589  
 www.metalumen.com

**Metalumen**

# Rail 6 S6 LED . Recessed Drywall Flanged

## FEATURES

**COMMERCIAL // Commercial Lighting** - With over 30 years of successful architectural lighting, providing unique concept and installation solutions has become second nature. Metalumen's Start to End Development Process results in unique performance, design and architectural requirements from concept through implementation. Metalumen's Lighting Solutions have been applied to customer projects requiring: high profile architectural installations; improved

energy efficiency; retrofit installations; unique installations. Metalumen can provide top-quality innovative fixtures when and where they are needed and, at the same time, allow the customer to determine their level of involvement in Metalumen's Start to End Development Process.

**EDULUMEN // Educational Lighting** - Edulumen is a collection of premium luminaires that maximize both the functionality and

performance of any educational facility. Based on maximum efficiency, integration of controls and exceptional design, Edulumen will earn high marks for meeting your requirements. Students challenge themselves throughout the day to achieve, and Metalumen is dedicated to this by creating sustainable environments that foster enhanced educational experiences.


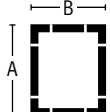
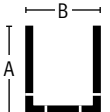
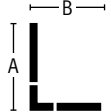
Metalumen. A slim LED platform for any of your LED linear application.

**DAMP** Suitable for dry or damp locations.

**META** LED boards with a raw efficacy of over 120lm/W, proprietary to

	<p><b>RAIL 6 S6 Family DLC Approved</b></p> <p>Applicable only to Meta Ice Optics</p>	<p>For more Metalumen DLC Approved Products, visit the <a href="#">DLC Website</a></p>
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## PATTERNS

Select Pattern:	Square (G)	Rectangle (G)	U-Shape (U)	L-Shape (L)
Pattern Configuration				
Indicate Desired Lengths (ft)	A =	A = B =	A =      B = C =	A = B =
Minimum Lengths	4' for all sides		A = 3', B = 4', C = 3'	A = 3', B = 3'

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

**MOUNTING - ROW CONFIGURATIONS**

QTY	Nominal Length	Run Length Overall	Max. Recommended Length Drywall Opening (Max. Rec. Width = 144mm)	Alone Length	Start Length	Mid Length(s)	End Length	Light Level STD = Standard w/EM = With Emergency	
—	4'	1243 [48.9]	1232 [48.5]	4				STD	1221 [48.1]
								w/EM	
—	8'	2462 [96.9]	2451 [96.5]	8				STD	2440 [96.1]
								w/EM	
—	12'	3682 [145.0]	3671 [144.5]	12				STD	3660 [144.1]
								w/EM	
—	16'	4900 [192.9]	4890 [192.5]	8	8			STD	4878 [192.0]
								w/EM	
—	20'	6120 [241.0]	6110 [240.5]	12	8			STD	6098 [240.1]
								w/EM	
—	24'	7340 [289.0]	7330 [288.6]	12	12			STD	7318 [288.1]
								w/EM	
—	28'	8558 [336.9]	8548 [336.5]	8	12	8		STD	8536 [336.1]
								w/EM	
—	32'	9778 [385.0]	9768 [384.6]	12	8	12		STD	9756 [384.1]
								w/EM	
—	36'	10998 [433.0]	10988 [432.6]	12	12	12		STD	10976 [432.1]
								w/EM	
—	40'	12216 [481.0]	12206 [480.6]	12	8	12		STD	12194 [480.1]
								w/EM	
—	44'	13436 [529.0]	13426 [528.6]	12	12	12		STD	13414 [528.1]
								w/EM	
—	48'	14656 [577.0]	14646 [576.6]	12	12	12		STD	14634 [576.1]
								w/EM	

**LEGEND**

- A = Run Length (Body)
- Standard (STD) Wire Entry Location (located on the end cap)
- Emergency (EM) Lighting Location
- Emergency Wire Entry Location (located on the end cap)

