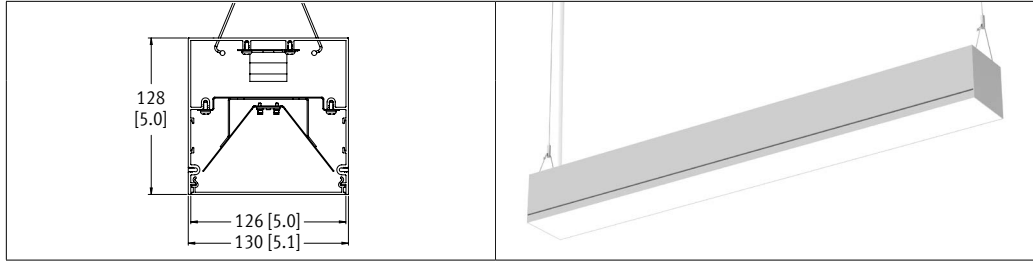


Rail 6 S6 (Formerly Sequence)

LED . Pendant



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

ORDERING LOGIC

Series	Color Temp	Length	Optics Up	Optics Down	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options																	
S6			X	M																								
Color Temp	Length (continued)	Optics Up		Light Level (LL) / Driver			Circuitry	Voltage																				
1L30K = 3000K	9 = 9 ft	- = None (leave space empty)		Fixture Lumens Light level measured at 3500K. Add 3% lumen output for 4000K or subtract 2% lumen output for 3000K.			1 = 1 Circuit	1 = 120 V																				
1L35K = 3500K	10 = 10 ft	Optics Down		<table border="1"> <thead> <tr> <th>0-10V Dimming (Standard)</th> <th>Lumens Delivered</th> <th>Wattage</th> <th>Efficacy (LPW)</th> </tr> </thead> <tbody> <tr> <td>L1</td> <td>1730</td> <td>14</td> <td>125</td> </tr> <tr> <td>L2</td> <td>2133</td> <td>18</td> <td>121</td> </tr> <tr> <td>L3</td> <td>2850</td> <td>24</td> <td>118</td> </tr> <tr> <td>L4</td> <td>5248</td> <td>50</td> <td>105</td> </tr> </tbody> </table> Based on 4ft sections.			0-10V Dimming (Standard)	Lumens Delivered	Wattage	Efficacy (LPW)	L1	1730	14	125	L2	2133	18	121	L3	2850	24	118	L4	5248	50	105	EM = Emergency/Night Light	2 = 277 V
0-10V Dimming (Standard)	Lumens Delivered	Wattage	Efficacy (LPW)																									
L1	1730	14	125																									
L2	2133	18	121																									
L3	2850	24	118																									
L4	5248	50	105																									
1L40K = 4000K	11 = 11 ft	M = Meta Ice		<table border="1"> <thead> <tr> <th colspan="3">Lumen Adjustment Factor</th> </tr> <tr> <th>Color Temp</th> <th>80 CRI</th> <th>90 CRI</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td>0.984</td> <td>0.873</td> </tr> <tr> <td>3500K</td> <td>1.000</td> <td>0.875</td> </tr> <tr> <td>4000K</td> <td>1.032</td> <td>0.879</td> </tr> </tbody> </table>			Lumen Adjustment Factor			Color Temp	80 CRI	90 CRI	3000K	0.984	0.873	3500K	1.000	0.875	4000K	1.032	0.879	B = Battery Pack	3 = 347 V					
Lumen Adjustment Factor																												
Color Temp	80 CRI	90 CRI																										
3000K	0.984	0.873																										
3500K	1.000	0.875																										
4000K	1.032	0.879																										
Length	12 = 12 ft	Finish					Mounting	4 = UNV (120 - 277 V)																				
2 = 2 ft	R = Continuous Rows See p.4	SA = Satin Aluminum					PA = Pendant Aircraft Cable	Controls																				
3 = 3 ft	C = Custom Length Consult factory	W = White					PT = Pendant Aircraft Cable for T-Bar	- = None (leave space empty)																				
4 = 4 ft		C = Custom Finish Specify RAL#:					SELECT CABLE LENGTH ON P.2	D = Daylight Sensor																				
5 = 5 ft								O = Occupancy Sensor																				
6 = 6 ft								DO = Daylight/Occupancy Sensor																				
7 = 7 ft								Options																				
8 = 8 ft								90 = 90 CRI																				
								- = None (leave space empty)																				

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 Ice acrylic diffuser for smooth distribution, creating a continuum 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: Aircraft cable yoke complete with a Quick-Grip field adjustable suspension system provides for quick and easy on-site alignment.

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.

Controls: Refer to Ordering Logic chart above.

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
 - LDES 5-Series EcoSystem LED Driver
- 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 PENDANT SPECSHEET

20171213

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

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. Metalumen is dedicated to creating sustainable environments that foster enhanced educational experiences.

MetaICE META ICE is a smooth Continuum Optical System with a 91% transmission rate that creates smooth subdued lighting with no source imagery. Meta Ice is a premium lensing optic unique to Metalumen but coupled

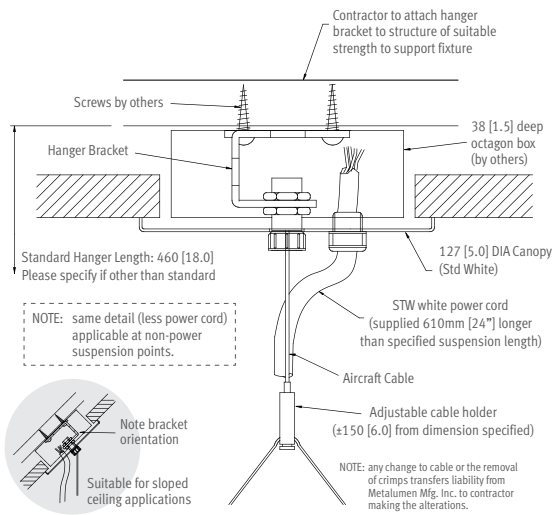
with a high performance side kicking specular reflector to maximize the lumens from the source creating an unparalleled lumen delivery.

META LED boards with a raw efficacy of over 120lm/W, proprietary to Metalumen. A slim LED platform for any of your LED linear application.

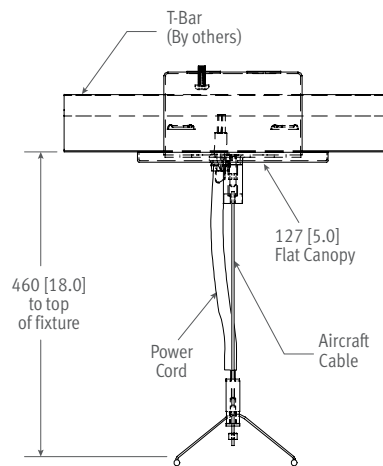
DAMP Suitable for damp locations.

HANGERS

Aircraft Cable & Cord



T-Bar Aircraft Cable & Cord



Select Hanger Length below:

AIRCRAFT CABLE

Total adjustment range is 6" up & down for each standard length. All other lengths are considered custom unless otherwise stated.

	IMPERIAL (in)	METRIC (mm)
<input type="checkbox"/>	12	305
<input type="checkbox"/>	18	460
<input type="checkbox"/>	24	610
<input type="checkbox"/>	30	760
<input type="checkbox"/>	36	915
<input type="checkbox"/>	42	1067
<input type="checkbox"/>	48	1220
<input type="checkbox"/>	54	1372
<input type="checkbox"/>	60	1525
<input type="checkbox"/>	72	1830
<input type="checkbox"/>	96	2440
<input type="checkbox"/>	120	3050
<input type="checkbox"/>	144	3660

HANGER FINISH

- White Paint (Standard)
- Custom Specify RAL#:

Custom length:

PHOTOMETRIC DATA - 3500K

L3 File Name: S6-1L35K-4-M-L3
 Luminaire Lumens: 2850
 Total Watts: 24
 Efficacy: 118 lms/W
 Optics Up: None
 Optics Down: Meta Ice

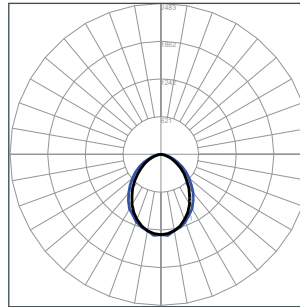
COEFFICIENTS OF UTILIZATION

Zonal Cavity Method

Effective Floor Cavity Reflectance = .20

RC	80			70			50					
	RW	70	50	30	10	70	50	30	10	50	30	10
RCR												
0	101	101	101	101	99	99	99	99	94	94	94	94
1	93	90	86	84	91	88	85	82	84	82	80	80
2	86	79	74	70	84	78	73	69	75	71	67	67
3	79	71	64	59	77	69	63	59	67	62	58	58
4	73	63	56	51	71	62	56	51	60	54	50	50
5	67	57	50	44	65	56	49	44	54	48	44	44
6	62	52	44	39	61	51	44	39	49	43	39	39
7	58	47	40	35	56	46	40	35	45	39	35	35
8	54	43	36	32	53	43	36	31	41	36	31	31
9	51	40	33	29	50	39	33	29	38	32	28	28
10	48	37	30	26	47	36	30	26	36	30	26	26

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	5198	3134	2581
55	4347	2212	1751
65	3365	1427	1090
75	2172	730	518
85	839	175	137

CANDLE DISTRIBUTION

Vertical Angle	Horizontal Angle			
	0	30	60	90
0	1322.81	1322.81	1322.81	1322.81
5	1336.31	1316.14	1318.16	1310.24
10	1274.36	1288.29	1278.81	1276.54
15	1240.44	1222.49	1225.81	1221.28
20	1181.26	1159.12	1149.92	1141.46
25	1099.07	1092.99	1062.96	1055.19
30	1027.54	1002.89	968.3	950.02
35	927.73	900.76	861.03	827.29
40	824.4	798.29	739.54	715.72
45	714.17	692.26	631.04	603.97
50	602.18	579.78	521.68	497.59
55	504.3	468.79	422.14	399.02
60	402.82	374.31	327.2	314.76
65	306.52	281.33	248.38	234.29
70	216.3	199.09	173.28	165.55
75	137.76	128.38	111.18	101.1
80	73.5	67.31	58.82	54.19
85	28.37	25.48	22.68	23.31
90	7.12	5.51	5.92	7.26

MOUNTING - ROW CONFIGURATIONS

