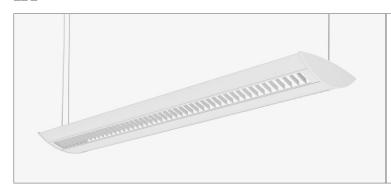
METALUMEN SPECIFICATION SHEET

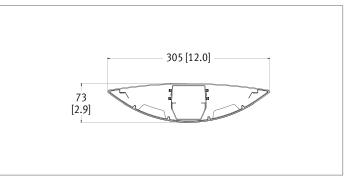
HORIZON II O5B

LED . DIRECT / INDIRECT









ORDERING LOGIC

Example Part Number: O5B-2L35K-4-SBO-W-L3-1-PA18-3

О5В					s	во								
1	2	3		4	5		6	7		8	9		10	12
1. SERIES	2. COLOR TEMP	3.	LENGTH			4. OPTICS	UP		5. OPTIC	S DOWN		6. FIN	IISH	
O5B	2L30K 3000K 4 4 ft			C Clear Dust Cover		SBO Solid Cross Blade Baffle with		W White						
	2L35K 3500k		8 8 ft				en Top	۸			Custom Fir Specify RAL:	nish		
	2L40K 4000k			inuous Ro te "A" with ler		(Lea	ive space empty	′)					Specify rate.	
7. LIGHT LE	EVEL / DRIVER	8. CI	RCUITRY		9. MOUN	TING			10. V	OLTAGE	11. CC	ONTRO	LS / SENSORS	5
L1 323	80 lm		1 1 Circui	t	PA <u>A</u>	Pendant Aircr	aft Cable		1	120 V	0	Dayl	ight Sensor	
L2 411	9 lm	EN	- 0		PT <u>A</u>	Pendant Aircr	aft Cable for T-ba	ar	2	277 V	C	Occu	ipancy Senso	r
L3 589	8 lm		Night L	ight	SS <u>A</u>	Solid Stem			3	347 V	DC	Dayl	ight/Occupan	cy Sensor
L4 113	04 lm						n (inches) selected be and Hanger Finish			UNV (120 - 277V		None (leav	e e space empty)

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

Driver: LHE Lutron H-Series Hi-lume 1% EcoSystem LED Driver
L5E Lutron 5-Series EcoSystem LED Driver

Select Hanger Length:

SOLID STEM
1/2" OD Standard
Standard supplied length is 18" (460m
langers will be supplied at closest leng

Standard supplied length is 18" (460mm)
Hangers will be supplied at closest length.
All other lengths are considered custom unless
otherwise stated.

All Ot	otherwise stated.					
Select:	Imperial (in)	Metric (mm)				
	12	305				
	15	380				
	18	460				
	21	533				
	24	610				
	27	685				
	30	760				
	33	840				
	36	915				
	39	990				
	42	1067				
	45	1145				
	48	1220				
	Custom Length:					

AIRCRAFT CABLE

Total adjustment range is 6" up & down for each standard 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
	18	460
	24	610
	30	760
	36	915
	42	1067
	48	1220
	54	1372
	60	1525
	72	1830
	96	2440
	120	3050
	144	3660
	Custom Length:	

Select Canopy Finish:

Select:	Canopy
	White Paint (Standard)
	Custom Finish
	RAL:



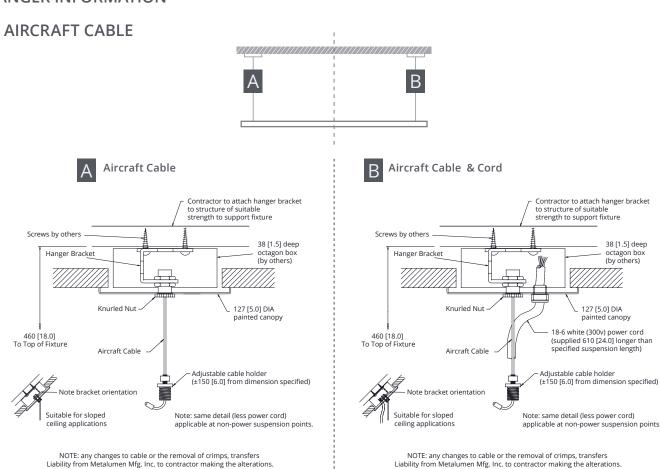
Light Level Performance

3500K, 80	3500K, 80 CRI, 0-10V Dimming (Standard)							
Light Level	Lumens	Wattage	Efficacy (LPW)					
L1	3230	27	118					
L2	4119	35	118					
L3	5898	48	123					
L4	11304	96	118					

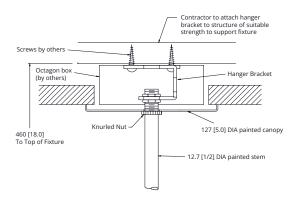
Lumen Adjustment Factor					
Color Temp	80 CRI	90 CRI			
3000K	0.984	0.880			
3500K	1.000	0.875			
4000K	1.032	0.879			

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

HANGER INFORMATION



SOLID STEM





SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Low profile, elliptically shaped indirect/direct luminaire measuring 73mm [2.9"] high by 304mm [12.0"] wide. The structural integrity of the luminaire is provided by a formed aluminum 18 gauge, one piece, perforated aluminum screen, 16 gauge steel internal support brackets and ballast cover and die cast end caps. The fixture's formed ballast channel, in conjunction with the die cast end caps, offers strength for sections as long as a nominal 3660mm [12'-0"] with only two (2) hanger assemblies. As a result, straight alignment for continuous row installations can be maintained

with a minimal amount of supports. Metalumen's integrated tongue and groove electrical/mechanical interlock ensure straight runs for continuous run applications providing for a costeffective installation. No disassembly of the product is required during installation.

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 (3500K) (80 minimum)

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: White is the standard finish. For custom finish, contact factory. Weight: 6.8 lb/ft or 3.5kg/300mm. Mounting: Solid stem 13mm (1/2") OD or steel aircraft cable complete with a Quick-Grip field adjustable suspension system provides for quick and easy on site alignment (contact factory for custom lengths).

Electrical: Each section is individually

connected in the field to a remote driver box.

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.

Approvals: All components are UL Recognized or Listed. RoHS compliant. **Environment:** Suitable for dry locations.

*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.

PHOTOMETRIC DATA - 3500K, 80 CRI

Optics Up: Open Top

Optics Down: Solid Cross Blade Baffle with

Opal Overlay

IES File: O5B-2L35K-4-SBO-L3 Lumens: **5898** Wattage: **47.7**

Efficacy: 123 LPW

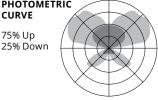
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt	
0-90	1452	25	
90-180	4462	75	
0-180	5914	100	

LUMINANCE DATA (CD/M2)

Vertical	Horizontal Angle				
Angle	0	45	90		
45	1911	3901	6326		
55	2072	4379	7640		
65	2046	3786	6021		
75	1777	1919	2031		
85	1498	1666	1665		





Photometric performance is measured and scaled in accordance with IESNA LM-79.