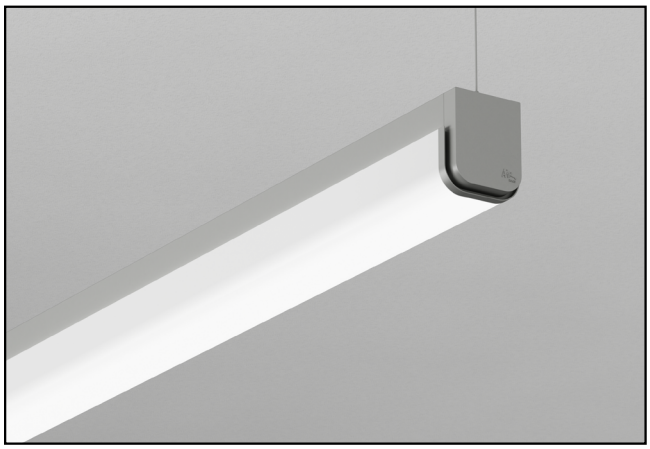
AIR LED | PENDANT MOUNT



Project _____

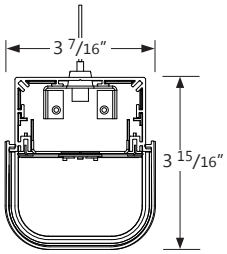
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K AND 80 CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
1000 lm/ft	8 W/ft	125 lm/W

Please consult factory for custom lumen output and wattage.



Axitune Tunable White | PoE | CONTROL SENSORS | bios | c UL us Listed | LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

Ordering Guide

ARLED										S					
PRODUCT ID		**NOM.LUMENS/FT**		**CRI**		**COLOR TEMP. (choose one)**				**SHIELDING**		**LENGTH/FT**		**FINISH**	
ARLED	AIR Pendant LED	**500**	500 lm/ft - Min	**80**	80 CRI	**27**	2700 K	**TW2750**	2700-5000 K - Tunable White	**S**	satin lens	**2**	2′	**AP**	aluminum paint
		1000	1000 lm/ft - Max	**90**	90 CRI*	**30**	3000 K	**TW2765**	2700-6500 K - Tunable White			**3**	3′	**W**	white
						35	3500 K	**BTW3527**	3500-2700 K - Tunable BIOS			**4**	4′	**BLK**	black
						40	4000 K	**BTW4027**	4000-2700 K - Tunable BIOS			**6**	6′	**C**	custom
						B30	3000 K - BIOS*					**8**	8′		
						B35	3500 K - BIOS*					**12**	12′		
						B40	4000 K - BIOS*					**S(L)**	system run		
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS		*Not available with BIOS.		Consult Axitune technical sheet for more information of color technology *Consult BIOS guide for more information on BIOS technology						1' increment, minimum 2'			

VOLTAGE		DRIVER		CIRCUITS		MOUNTING/SUSPENSION		BATTERY (OPTIONAL)	
120	120 V	**DP**	dimming (0-10V) 1%	**1**	1 circuit	**CA(#)**	drywall+cable length (36" std.)	**B(#)**	battery pack 4′ sections
277	277 V	**LT**	Lutron	**2**	2 circuits	**CT9(#)**	TB/TG 9/16+cable length (36" std.)		
347	347 V	**BI**	bi-level dimming	**+E(#)**	emergency circuit	**CT15(#)**	TB/TG15/16+cable length (36" std.)		
UNV	universal	**O(#)**	other**	**+NL(#)**	night light circuit	**CTS(#)**	screw slot+cable length (36" std.)		
DC	low voltage*	**DPB(STC)**	dimming (0-10V) 1% with BIOS*	**+GTD(#)**	generator transfer device	**SA(#)**	drywall+stem length >48" (18" std.)		
		DPB(DYN)	Bio-dimming™ 100%-81% with BIOS*			**CASL(#)**	drywall cable sloped ceiling		
		TW(#)	tunable white drivers*			**SASL(#)**	drywall stem sloped ceiling		
		POE(#)	POE drivers*						
* Only available with POE drivers.		* See page 2 to specify system ** Please consult factory; see page 2		Specify quantity		See Mounting kit guide for full specification code. Specify quantity		Specify quantity Not available with 347V Please consult factory	

IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
DS(#)	daylight sensor	**C**	custom
OS(#)	occupancy sensor		
DOS(#)	daylight & occupancy sensor		
EN(#)	Enlighted integral *		
ENR(#)	Enlighted remote *		
WC(#)	wireless control dimming		
* For flush option only; Please consult factory, ** Please consult factory. Specify quantity. Requires 8" blank. See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.		Please specify	

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ELECTRICAL

Lutron driver	**LDE1** - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	**DALI** - Digital Addressable Lighting Interface **DMX** - Digital Multiplex **Xitanium SR** - For wireless sensor
BIOS DPB drivers*	**STC** - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. **DYN** - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	**DALIDT6** - DALI Type 6 (Two DALI Addresses) **DALIDT8** - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers* UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE **O** - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

***Choose driver from available options.**

Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3–step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25^{0}C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40^{0}C (32-104F).

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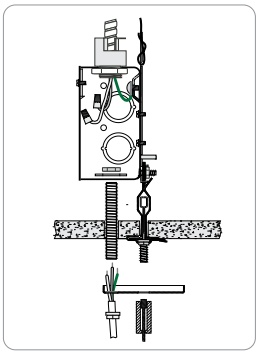
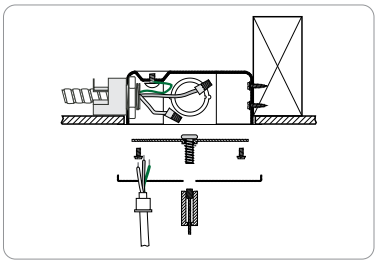
LIGHT DISTRIBUTION

Semi-direct

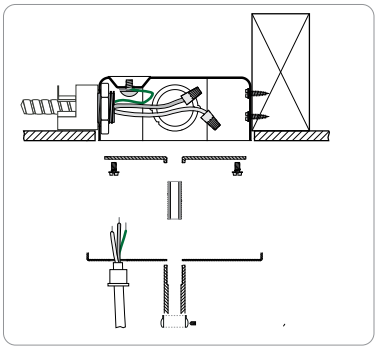
MOUNTING OPTIONS



CT TILE CEILING– ON GRID



CA DRYWALL CEILING



SA STEM MOUNT IN DRYWALL CEILING

Mounting options are also available for slope ceiling and seismic bracing.

Installation sheets for all mountings options are available at: www.axislighting.com

OTHER MOUNTING OPTIONS

AIR LED is also available in wall and surface mounted options.

Specification sheets and installation sheets for all mountings options are available for download at www.axislighting.com

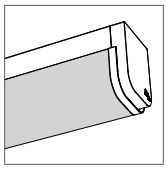
WEIGHT

AIR LED 4 ft	9.5 lbs / 4.3 kg
AIR LED 8 ft	19 lbs / 8.6 kg
AIR LED 12 ft	28.5 lbs / 12.9 kg

FINISHES

Powder coated and custom finishes are also available.

OPTICAL SYSTEM



S satin lens

PMMA satin finish (0.060" nominal)

AIR LED delivers softly diffused and ample illumination with a Satin lens which provides maximum glare reduction and light uniformity.

SYSTEMS (S#)

Runs of AIR LED that are greater than 12ft in length are designated as systems (S#). The run is comprised of a combination of sections to be assembled on site using our joining system. The run is comprised of a combination of sections to be assembled on site using our joining system, maximun 4' lens with joining end cap. For more information on systems and joining, please refer to the AIR LED installation sheets available for download at www.axislighting.com

SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminium (0.070" nominal) Up to 70% recycled content
End Cap	Die cast zinc (0.080" nominal)
Joiners	Die cast zinc (0.065" nominal)
Interior Brackets	Die formed sheet steel (18 gauge)
Reflectors	Die formed sheet steel (22 gauge)
Lens joiners	Die cast zinc (0.125" nominal)
Satin lens	Acrylic satin finish (0.060" nominal)

APPROVALS

Certified to UL and CSA standards
Suitable for damp locations.

WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

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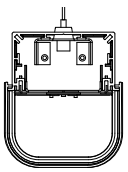
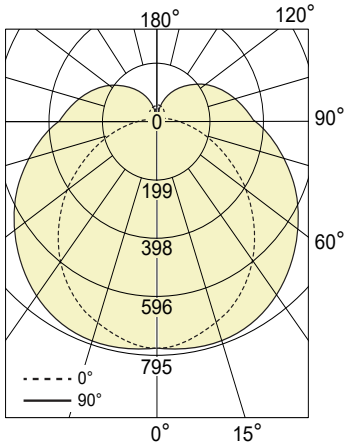
PHOTOMETRIC DATA

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft down: 1000 lm/ft
Total Lumens: 3999 lm (for 4ft)
Input Watts: 31.9 W
Efficacy: 125 lm/W
IES FILE: ARLED-1000-80-35-S-4.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	774	774	774	774	774
5	771	767	765	766	766
15	743	740	756	770	775
25	688	699	735	763	773
35	610	638	694	739	755
45	511	558	636	697	720
55	397	463	563	640	668
65	277	359	480	572	605
75	158	260	394	493	530
85	51	172	311	413	450
90	4	135	274	373	410
95	4	120	252	347	382
105	5	105	225	313	345
115	5	85	179	253	289
125	6	73	156	218	243

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	74
10-20	216
20-30	341
30-40	433
40-50	483
50-60	488
60-70	450
70-80	382
80-90	298
90	
90-100	240
100-110	203
110-120	154
120-130	113
130-140	
140-150	
150-160	
160-170	
170-180	125
180	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	6504	5636	5757
55	6103	5375	5626
65	5596	5142	5552
75	4880	4973	5532
85	3541	4965	5646

All IES files are available for download at: www.axislighting.com

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