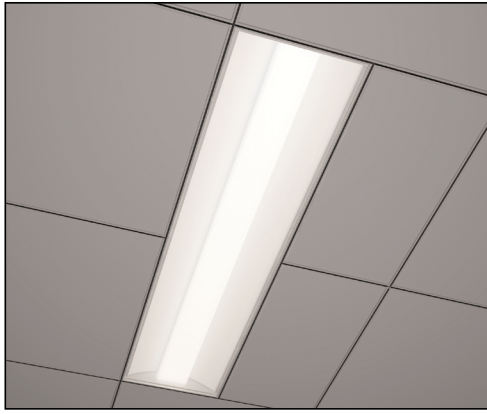
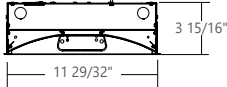


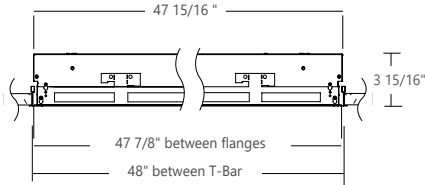
AURA 1x4 | Recessed T-Bar & Drywall



SECTION VIEW



SIDE VIEW



Project _____

Type _____

Notes _____

PERFORMANCE AT 3500K, 80CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
1400 lm	10.2 W	137 lm/W
7700 lm	59.5 W	129 lm/W

* Based on a 1' x 4' luminaire using one driver



Ordering Guide

AULED		14							SO
PRODUCT ID		SIZE	TOTAL NOM. LUMENS		CRI		COLOR TEMP. (choose one)		SHIELDING
AULED	Recessed LED	14 1'X4'	1400	1400 lm - Min	80	80 CRI	27	2700 K	SO spotless optics
			6800	6800 lm - Max at 90 CRI	90	90 CRI*	30	3000 K	
			7700	7700 lm - Max at 80 CRI			35	3500 K	
							40	4000 K	
							B30	3000 K - BIOS*	
							B35	3500 K - BIOS*	
							B40	4000 K - BIOS*	
			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	

W									
FINISH		VOLTAGE		DRIVER		CIRCUITS		MOUNTING	
W	white	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit	TB9	t-bar 9/16"
		277	277 V	LT	Lutron	+E(#)	emergency section *	TB15	t-bar 15/16"
		347	347 V	BI	bi-level dimming	+NL(#)	night light section *	ST	screw slot t-bar
		UNV	universal	O(#)	other**	+GTD(#)	generator transfer device *	TG9	regular 9/16"
		DC	low voltage*	DPB(STC)	dimming (0-10V) 1% with BIOS*			TG15	regular 15/16"
				DPB(DYN)	Bio-dimming™ 100%-81% with BIOS*			DF	drywall flange
				TW(#)	tunable white drivers*				
				POE(#)	POE drivers*				
		* Only available with POE drivers.		* See page 2 to specify system ** Please consult factory; see page 2		* Specify quantity			

BATTERY (OPTIONAL)		OTHER (OPTIONAL)		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
B(#)	battery pack	FW	flex whip (6' std)*	DS(#)	daylight sensor	C	custom
		AR	air return	OS(#)	occupancy sensor		
		CP	Chicago plenum	DOS(#)	daylight & occupancy sensor		
				EN(#)	Enlighted integral *		
				ENR(#)	Enlighted remote*		
				WC(#)	wireless control dimming		
Not available with 347V Please consult factory		* Other lengths available; please consult factory.		* Please consult factory Specify quantity. Requires 1.5" 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	

AURA 1x4 | Recessed T-Bar & Drywall

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*	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.

i 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°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°C (32-104°F).

AURA 1x4 | Recessed T-Bar & Drywall

SPECIFICATIONS

Housing	Die formed cold rolled sheet steel (20 gauge)
Central Lens Housing	Extruded aluminum (0.060" nominal)
Center Lens	Spotless PMMA lens with linear refraction optics
Side Lens	Side lens 0.08" PMMA satin blend
Reflectors	Die formed cold rolled sheet steel (22 gauge)
Interior Brackets	Die formed cold rolled sheet steel (20 gauge)
Drywall Flange Kit	Extruded aluminum (0.060" nominal)

FINISH

Highly reflective, matte powder coat white paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior.

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.

LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
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APPROVALS

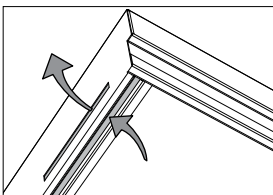
Certified to UL and CSA standards
Chicago Plenum Certified (CCEA)
Meets NYC requirements
Suitable for damp locations.
IC Rated (Insulated ceiling)



WEIGHT

Standard	19 lbs / 8.6 kg
Drywall with Kit	21 lbs / 9.6 kg

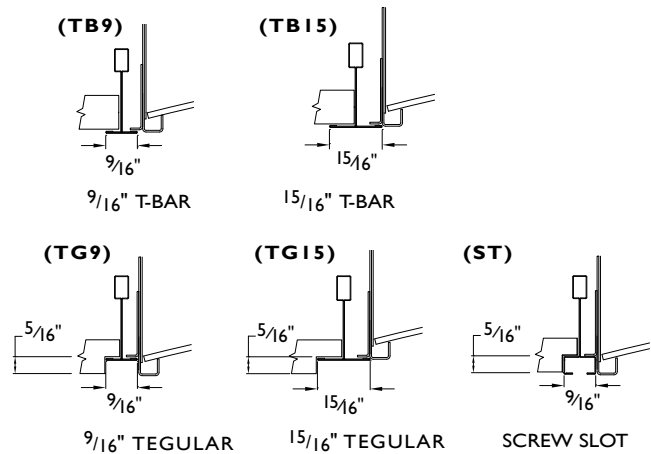
AIR RETURN



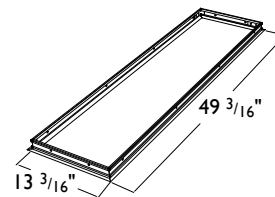
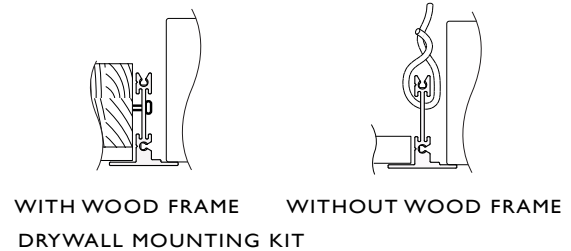
The air return (AR) option consists of discrete slots along the sides of the luminaire. These slots allow air to exhaust into the plenum and eliminate the need for unsightly air return grilles, and create a clean and well organized ceiling.

CEILING SYSTEM

T-BAR STYLE MOUNTING



DRYWALL WITH FLANGE KIT (DF)



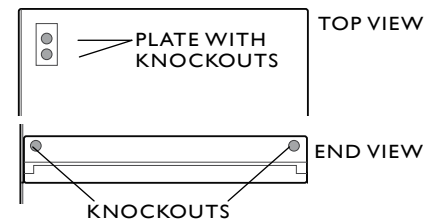
FIXTURE DIMENSIONS
47 3/8" / 11 3/8"

CUT HOLE DIMENSIONS
48 7/16" / 12 7/16"

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

STANDARD AND END MOUNT POWER FEED

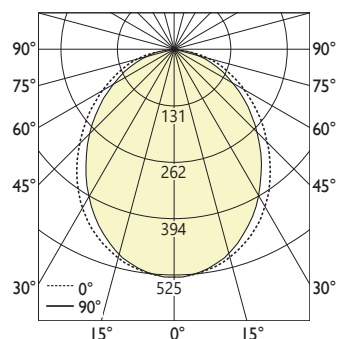
Knockouts for BX cable connection are provided both on the top and on the ends of the luminaire. This allows for an end mount power feed solution if it is required. (BX CABLE BY OTHER)



AURA 1x4 | Recessed T-Bar & Drywall

● PHOTOMETRIC DATA

PHOTOMETRIC CURVE 1400 lm



Luminaire Lumens: 1400 lm
Input Watts: 10.2 W
Efficacy: 137 lm/W

IES FILE: AULED-14-1400-80-35-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	524	524	524	524	524
5	522	522	522	523	524
15	500	499	501	504	507
25	455	455	460	465	469
35	393	394	400	407	412
45	321	322	329	335	340
55	245	245	252	257	261
65	168	169	175	177	178
75	94	96	98	96	97
85	30	30	27	23	23
90	5	4	4	4	5

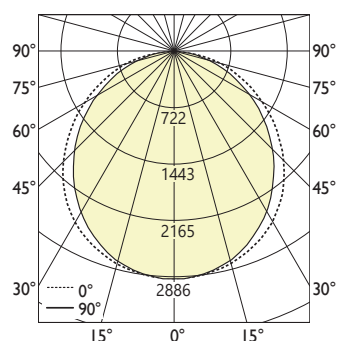
ZONAL LUMENS

Zone	Lumens
0	
0-10	49
10-20	141
20-30	210
30-40	247
40-50	248
50-60	219
60-70	164
70-80	93
80-90	25
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	1437	1472	1524
55	1350	1390	1441
65	1259	1311	1335
75	1156	1195	1188
85	1106	989	852

PHOTOMETRIC CURVE 7700 lm



Luminaire Lumens: 7700 lm
Input Watts: 59.5 W
Efficacy: 129 lm/W

IES FILE: AULED-14-7700-80-35-SO.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2880	2880	2880	2880	2880
5	2871	2870	2872	2874	2880
15	2749	2747	2758	2773	2787
25	2502	2503	2528	2557	2582
35	2162	2166	2201	2237	2267
45	1765	1770	1808	1844	1872
55	1345	1349	1385	1414	1436
65	925	929	963	972	980
75	520	530	537	528	534
85	167	163	150	126	129
90	29	20	22	22	26

ZONAL LUMENS

Zone	Lumens
0	
0-10	272
10-20	773
20-30	1153
30-40	1356
40-50	1366
50-60	1202
60-70	900
70-80	514
80-90	135
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7904	8095	8379
55	7426	7643	7928
65	6926	7211	7340
75	6357	6570	6536
85	6082	5442	4688

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