



Project _____

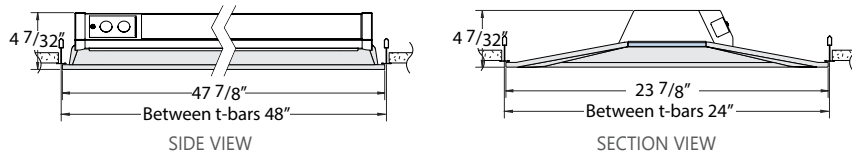
Type _____

Notes _____

PERFORMANCE AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
1500 lm	11.8 W	127 lm/W
3000 lm	22.3 W	135 lm/W
4000 lm	29.3 W	137 lm/W
6000 lm	44.8 W	134 lm/W

* Based on a 2'x4' luminaire using one driver
Please consult factory for custom lumen output and wattage.



Curved lens shape, below t-bar shown.



Ordering Guide

PRODUCT ID	SIZE	NOMINAL LUMENS	CRI	COLOR TEMP. (choose one)	SHIELDING	LENS SHAPE
TACET Tacet Lit section	24 2'X4'	1500 1500 lm - Min 6000 6000 lm - Max	90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K TW2750 2700-5000 K - Tunable White TW2765 2700-6500 K - Tunable White	SO spotless lens	ST straight
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	Consult Axitune technical sheet for more information of color technology.			

ACOUSTIC PANEL FINISH										VOLTAGE		DRIVER	
STANDARD PALETTE				EXTENDED CUSTOM PALETTE*									
COT cotton	MAR marble	CON concrete	SAN sand	CUSPUR purple	CUSFRO frost	CUSWHE wheat	CUSFOS fossil	CUSLEA leather	CUSCRI crimson	CUSMAN maroon	120 120 V	277 277 V	DP dimming (0-10V) 1%
				CUSOCE ocean	CUSDEN denim	CUSSAC sand castle	CUSSLA slate	CUSPER peru	CUSFIR fire brick	347 347 V	UNV universal	DC low voltage*	LT(#) Lutron
				CUSLEM lemon	CUSNAV navy	CUSLEA leather	CUSCRI crimson	CUSMOS moss	CUSFIR fire brick	347 347 V	UNV universal	DC low voltage*	BI bi-level dimming
				CUSLIM lime	CUSPEB pebble	CUSPER peru	CUSMAN maroon	CUSMOS moss	CUSFIR fire brick	UNV universal	DC low voltage*	DC low voltage*	O(#) other**
				CUSBRI brick	CUSSMO smoke	CUSMOS moss	CUSFIR fire brick	CUSBAR bark	CUSIND indigo	DC low voltage*	DC low voltage*	DC low voltage*	TW(#) tunable white drivers*
				CUSEAR earth	CUSAPP apple green	CUSBAR bark	CUSIND indigo	CUSTIN tin	CUSBUR burnt orange	DC low voltage*	DC low voltage*	DC low voltage*	POE(#) POE drivers*
				CUSCOR cork	CUSOLI olive	CUSTIN tin	CUSIND indigo	CUSMOC moccasin		DC low voltage*	DC low voltage*	DC low voltage*	
				CUSCOP copper	CUSEME emerald	CUSMOC moccasin		CUSGIN ginger ale		DC low voltage*	DC low voltage*	DC low voltage*	
				CUSCAR carbon	CUSANC anchor	CUSGIN ginger ale		CUSASP asphalt		DC low voltage*	DC low voltage*	DC low voltage*	
					CUSSHA shadow					DC low voltage*	DC low voltage*	DC low voltage*	

See page 4 for more details. * Extended custom color palette panels available per request. Consult factory for details. ** Only available with POE drivers. ** See page 2 to specify system. ** Please consult factory; see page 2

CIRCUITS	PANEL POSITION	MOUNTING	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	REMOTE IC CONTROLS (OPT.)
1 1 circuit +E(#) emergency circuit* +NL(#) night light circuit* +GTD(#) generator transfer device*	AT Above t-bar* BT Below t-bar	TB9 t-bar 9/16" TB15 t-bar 15/16" ST screw slot t-bar* TG9 tegular 9/16" TG15 tegular 15/16"	B(#) integral battery pack* BR(#) remote battery pack	FW flex whip (6' std)* CP Chicago plenum	DS(#) daylight sensor OS(#) occupancy sensor DOS(#) daylight & occupancy sensor WC(#) wireless control dimming
*Specify quantity	*Not available for ST screw slot t-bar	* BT - below T-bar only.	*Not available with 347V Please consult factory	* Other lengths available; 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.


● SPECIFICATIONS

Housing	Die formed cold rolled sheet steel (22 gauge)
Lens	Spotless acrylic lens
Panel	Thermoformed PET felt
Reflectors	Die formed cold rolled sheet steel (22 gauge)
Corner spring brackets	Die formed cold rolled sheet galvanised steel (16 gauge)
Corner mounting brackets	Die formed cold rolled sheet galvanised steel (20 gauge)
Torsion spring	Spring steel

● WEIGHT

Straight 2x2	6.06 lbs / 2.75 kg
Curved 2x2	6.62 lbs / 3.00 kg

● APPROVALS

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



ACOUSTIC FELT FIRE SAFETY:

Class A Fire Rated as per ASTM E84.
 Flame Spread Index: 5
 Smoke Development Index: 110

● ACOUSTIC FELT CLEANING PROTOCOL



NOTE: Easy to clean. Made from polyester fill with natural anti-microbial properties.



Periodic dusting with vacuum or dry cloth recommended.



For stain removal, use a small amount of soap or detergent on a wet cloth.



For added disinfection, use bleach solution (5 tablespoons per Gallon of water), spray onto surface and gently wipe to spread all over.

● ACOUSTIC PANEL WARRANTY

All Acoustic panels are guaranteed for 1 year (warranty period) from date of shipment from our factory. Defective products will be repaired or replaced at the discretion of Axis Lighting provided a written claim is made within the warranty period.

Exclusions of Warranty:

- Normal wear and tear (scratches, direct sunlight, etc.).
- Products that have been modified, improperly installed, used in conditions or for purposes other than which they were intended.

● 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
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address) DPTW - two channel 0-10V dimming: one channel for brightness, one channel for CCT. LDTW - Lutron DALI Type 8 (One DALI address) Tunable White series
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.

*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

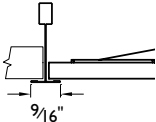
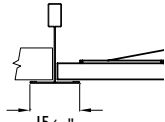
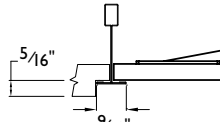
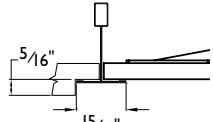
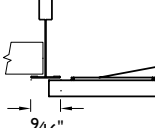
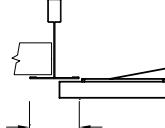
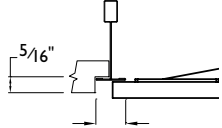
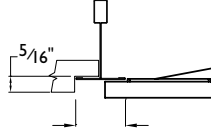
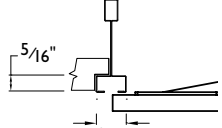
CRI	High efficacy 90 color rendering index.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT Axitune Systems	Consult Axitune technical sheet for more information on 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 (32-104F).

● 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.

● CEILING SYSTEM

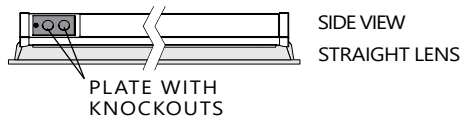
T-BAR MOUNTING

	(TB9) 9/16" T-BAR	(TB15) 15/16" T-BAR	(TG9) 9/16" TEGULAR	(TG15) 15/16" TEGULAR	(ST) SCREW SLOT
ABOVE T-BAR					N/A
BELOW T-BAR					

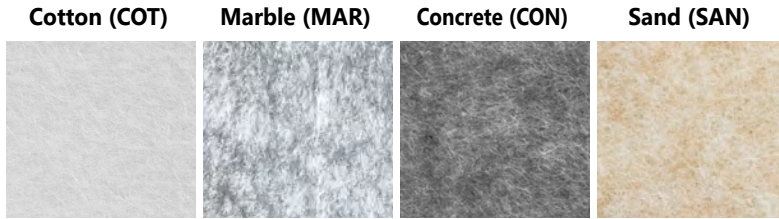
i Installation sheets for all mounting options are available at: www.axislighting.com

● STANDARD POWER FEED

Knockouts for BX cable connection are provided on the side of the luminaire.
(BX CABLE BY OTHER)



ACOUSTIC FELT STANDARD COLOR PALETTE



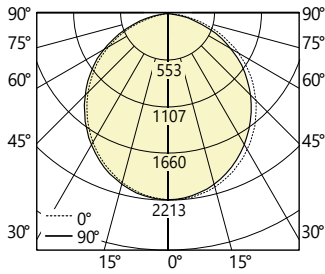
EXTENDED ACOUSTIC FELT COLOR PALETTE

Available per request. Consult factory for details.



PHOTOMETRIC DATA

PHOTOMETRIC CURVE



Luminaire Lumens: 6000 lm
Input Watts: 44.8 W
Efficacy: 134 lm/W
 IES FILE: TACET-24-6000-90-35-SO-ST.ies

TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2213	2213	2213	2213	2213	209
10	2203	2201	2201	2200	2201	594
20	2118	2113	2110	2104	2103	889
30	1951	1940	1935	1924	1920	1055
40	1712	1700	1692	1678	1675	1077
50	1423	1407	1401	1390	1385	960
60	1096	1083	1081	1071	1068	724
70	745	737	739	735	737	408
80	390	385	395	396	397	84
90	92	90	52	13	8	0

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall	70	50	30	10	70	50	30	10	50	30	10	
0	119	119	119	119	116	116	116	116	111	111	111	
1	109	104	100	96	106	102	98	95	98	95	92	
2	99	91	84	79	97	89	83	78	86	80	76	
3	90	80	72	65	88	78	71	65	75	69	64	
4	83	71	62	55	81	70	61	55	67	60	54	
5	76	63	54	48	74	62	54	48	60	53	47	
6	70	57	48	42	68	56	48	42	54	47	41	
7	65	52	43	37	64	51	43	37	49	42	36	
8	61	47	39	33	59	47	38	33	45	38	33	
9	57	43	35	30	55	43	35	30	42	34	29	
10	53	40	32	27	52	40	32	27	39	32	27	

Based on floor reflectance of 20

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	11585	11409	11279
55	11001	10850	10721
65	10150	10068	10046
75	8669	8788	8841
85	6051	3410	535

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