DAY 1x2 LED | Surface Mounted

Project _____

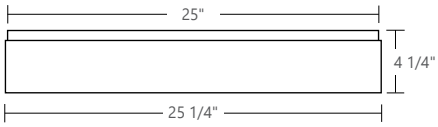
Type _____

Notes _____

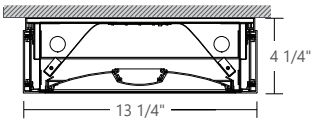
_____

PERFORMANCE AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
Please consult factory		



SIDE VIEW



SECTION VIEW

Axitune Tunable White | PoE | Control Sensors | cULus Listed | bios | 5 Year Limited Warranty

Ordering Guide

PRODUCT ID		SIZE		NOMINAL LUMENS		CRI		COLOR TEMP. (choose one)				SHIELDING		FINISH	
DAYFLED	DAY flat LED	**12**	1'X2'	**1200**	1200 lm - Min	**80**	80 CRI	**27**	2700 K	**TW2750**	2700-5000 K - Tunable White	**SO**	spotless lens	**W**	white
DAYCLED	DAY curve LED*			**3400**	3400 lm - Max at 90 CRI	**90**	90 CRI*	**30**	3000 K	**TW2765**	2700-6500 K - Tunable White			**BLK**	black
				3900	3900 lm - Max at 80 CRI			**35**	3500 K	**BTW3527**	3500-2700 K - Tunable BIOS			**C**	custom
								40	4000 K	**BTW4027**	4000-2700 K - Tunable BIOS				
								B30	3000 K - BIOS*						
								B35	3500 K - BIOS*						
								B40	4000 K - BIOS*						
*DLC qualified				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							

VOLTAGE		DRIVER		CIRCUITS		MOUNTING/SUSPENSION		BATTERY (OPTIONAL)	
120	120 V	**DP**	dimming (0-10V) 1%	**1**	1 circuit	**SM**	surface mount	**BR(#)**	Remote Battery Pack only
277	277 V	**LT**	Lutron	**+E(#)**	emergency circuit*				
347	347 V	**BI**	bi-level dimming	**+NL(#)**	night light circuit *				
UNV	universal	**O(#)**	other**	**+GTD(#)**	generator transfer device *				
DC	low voltage*	**DPB(STC)**	dimming (0-10V) 1% with BIOS*						
		DPB(DYN)	Bio-dimming™ 100%-81% with BIOS*						
		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				Remote Battery Pack only Not available with 347V Please consult factory	

OTHER (OPTIONAL)		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
FW	flex whip (6' std)	**DS(#)**	daylight sensor	**C**	custom
		OS(#)	occupancy sensor		
		DOS(#)	daylight & occupancy sensor		
		EN(#)	Enlighted integral *		
		ENR(#)	Enlighted remote *		
		WC(#)	wireless control dimming		
Other lengths available; please consult factory.		* Please consult factory Specify quantity. Requires 1.5" blank. See integrated controls guide for more details. Not available with Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.		Please specif	

SPECIFY DRIVER NAME (if needed)

SPECIFY BATTERY NAME (if needed)

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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	Remote 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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SPECIFICATIONS

Housing	Die formed cold rolled sheet steel (20 gauge)
Central Lens Housing	Extruded aluminum (0.060" nominal)
Lens	Spotless clear acrylic 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)
Surface Mount Kit	Extruded aluminum (0.070" 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. Custom finishes are also available.

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.

APPROVALS

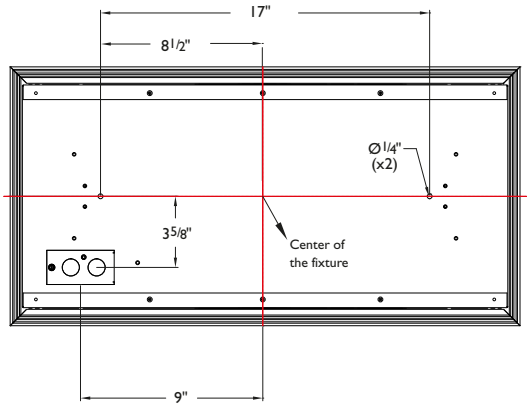
Certified to UL and CSA standards
Meets NYC requirements
Suitable for damp locations.

WEIGHT

Surface Mount	16 lbs / 7.3 kg

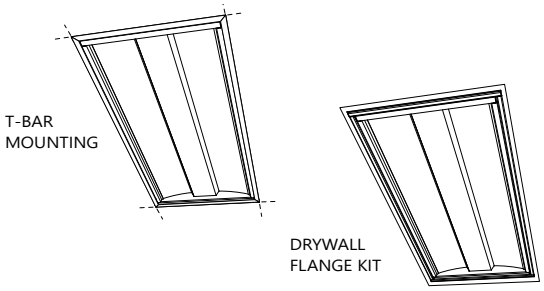
CEILING SYSTEM

MOUNTING HOLES POSITION



RECESSED OPTION

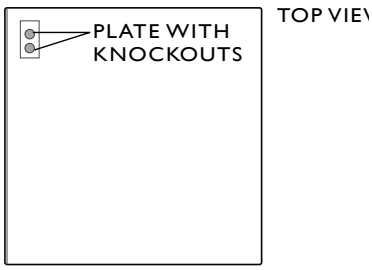
For more details see recessed specification sheets available at: www.axislighting.com



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

STANDARD POWER FEED

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



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