

SkyePlane Regressed 2x4

Recessed T-Bar & Drywall



Project _____

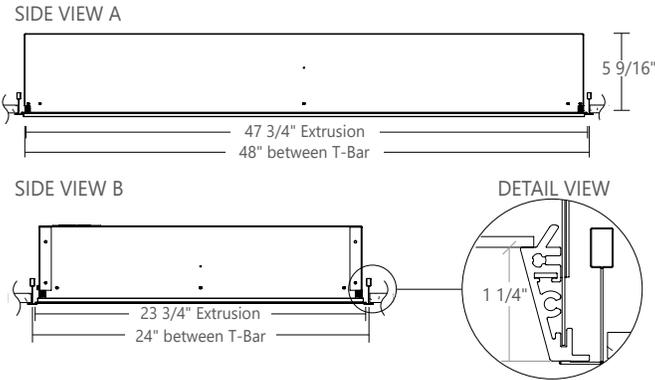
Type _____

Notes _____

PERFORMANCE AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
8500 lm	66.69 W*	127 lm/W

* Based on a 1x1 foot luminaire using one driver



Ordering Guide

SKPA	24					SO	RE						
PRODUCT ID	SIZE	TOTAL NOM. LUMENS		CRI	COLOR TEMP. (choose one)		SHIELDING	SHIELDING POSITION					
SKPA SkyePlane Regressed	24 2'X4'	3600	3600 lm - Min	80	80 CRI	30	3000 K	TW2750	2700-5000 K - Tunable White	SO	spotless lens	RE	regressed
		6800	6800 lm - Max at 90 CRI	90	90 CRI*	35	3500 K	TW2765	2700-6500 K - Tunable White				
		7600	7600 lm - Max at 80 CRI			40	4000 K	BTW3527	3500-2700 K - Tunable BIOS				
						B30	3000 K - BIOS*	BTW4027	4000-2700 K - Tunable 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 on color technology. *Consult BIOS guide for more information on BIOS technology							

W									
DOOR FINISH	VOLTAGE	DRIVER		CIRCUITS		MOUNTING/SUSPENSION		BATTERY (OPTIONAL)	
W white	120 120 V	DP	dimming (0-10V) 1%	1	1 circuit	TB9	t-bar 9/16"	B(#)	battery pack
	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	tegular 9/16"		
	DC low voltage*	DPB(STC)	dimming (0-10V) 1% with BIOS*			TG15	tegular 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				Please consult factory	

OTHER (OPTIONAL)	IC CONTROL REMOTE (OPTIONAL)	CUSTOM (OPTIONAL)
FW flex whip (6' std)* CP chicago plenum	DS(#) daylight sensor OS(#) occupancy sensor DOS(#) daylight & occupancy sensor EN(#) enlightened integral * ENR(#) enlightened remote * WC(#) wireless control dimming	C custom
* Other lengths available; please consult factory.	* Please consult factory 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

SPECIFY DRIVER NAME (if needed)

SPECIFY BATTERY NAME (if needed)

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.

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 (32-104F).

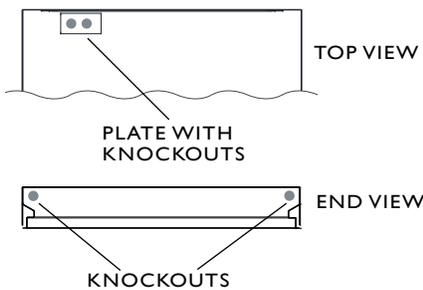
● SPECIFICATIONS

CONSTRUCTION

Housing	Die formed cold rolled sheet steel (20 gauge).
Door frame	Extruded aluminum.
Lens	0.125" PMMA satin blend.
Reflectors	High reflectance post painted.
Drywall Flange Kit	Extruded aluminum (0.060" nominal).
Luminaire support	Integrated Hold-Down clip

● 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)



● WHITE FINISH

Paint powder coated

● 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

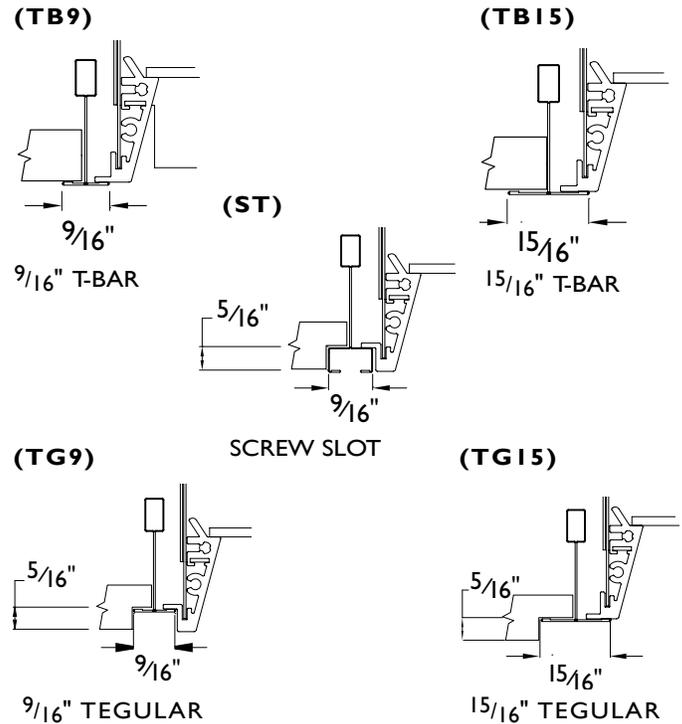
Certified to UL and CSA standards 
 Chicago Plenum Certified (CCEA)
 Meets NYC requirements
 Suitable for damp locations.
 IC Rated (Insulated ceiling)

● WEIGHT

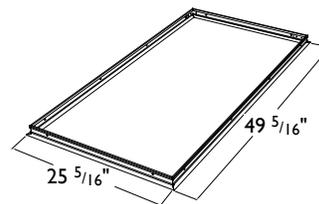
Drywall with Kit 31 lbs / 14.06 kg

● CEILING SYSTEM

T-BAR STYLE MOUNTING



● DRYWALL WITH FLANGE KIT (DF)



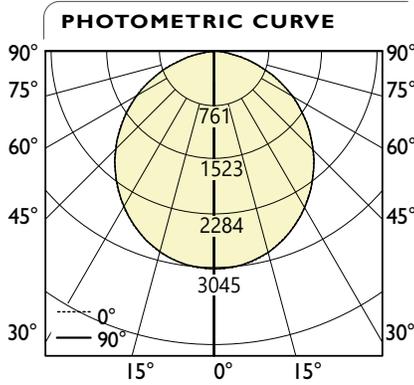
FIXTURE DIMENSIONS
 23 ³/₄" x 47 ³/₄"

CUT HOLE DIMENSIONS
 24 ⁹/₁₆" x 48 ⁹/₁₆"

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

● PHOTOMETRIC DATA

SkyePlane 2x4



Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3045	3045	3045	3045	3045
5	3031	3031	3030	3031	3030
15	2913	2914	2917	2919	2919
25	2680	2683	2693	2700	2700
35	2358	2363	2373	2388	2392
45	1965	1970	1982	2000	2009
55	1513	1519	1532	1552	1565
65	1016	1022	1037	1057	1071
75	502	507	523	539	551
85	87	91	98	107	113
90	5	7	6	5	5

Zone	Lumens
0	288
0-10	823
20-30	1240
30-40	1485
40-50	1531
50-60	1372
60-70	1028
70-80	556
80-90	126
90	

Vertical Angle	Horizontal Angles		
	0	45	90
45	3923	3956	4012
55	3724	3772	3853
65	3394	3464	3578
75	2737	2851	3006
85	1406	1589	1825

Total Lumens: 8447 lm
Input Watts: 66.69 W
Efficacy: 127 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.

IES FILE: SKPL-24-8500-80-35-SO-RE-W-120-D

TESTED ACCORDING TO IES LM-79-2008

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