

SkyePlane Regressed 1x4

Recessed T-Bar & Drywall



Project _____

Type _____

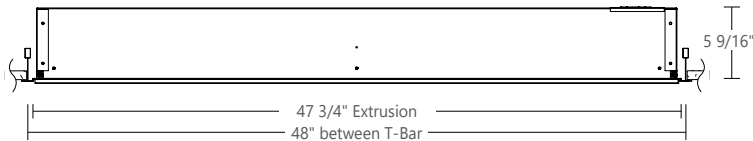
Notes _____

PERFORMANCE AT 3500K

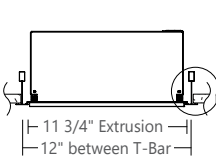
NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
4000 lm	34.97 W*	115 lm/W

* Based on a 1x1 foot luminaire using one driver

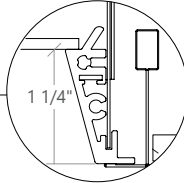
SIDE VIEW A



SIDE VIEW B



DETAIL VIEW



Ordering Guide

SKPA		14								SO		RE			
PRODUCT ID		SIZE		TOTAL NOM. LUMENS		CRI		COLOR TEMP. (choose one)				SHIELDING		SHIELDING POSITION	
SKPA	SkyePlane Regressed	14	1X4'	2300	2300 lm - Min	80	80 CRI	30	3000 K	TW2750 2700-5000 K - Tunable White		SO	spotless lens	RE	regressed
				3900	3900 lm - Max at 90 CRI	90	90 CRI*	35	3500 K	TW2765 2700-6500 K - Tunable White					
				4400	4400 lm - Max at 80 CRI	40	4000 K	BTW3527 3500-2700 K - Tunable BIOS							
				B30	3000 K - BIOS*	BTW4027 4000-2700 K - Tunable 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											
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*	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - 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 (32-104°F).

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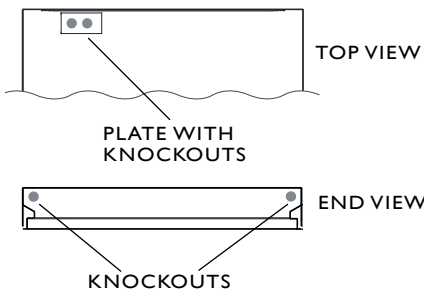
SPECIFICATIONS

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

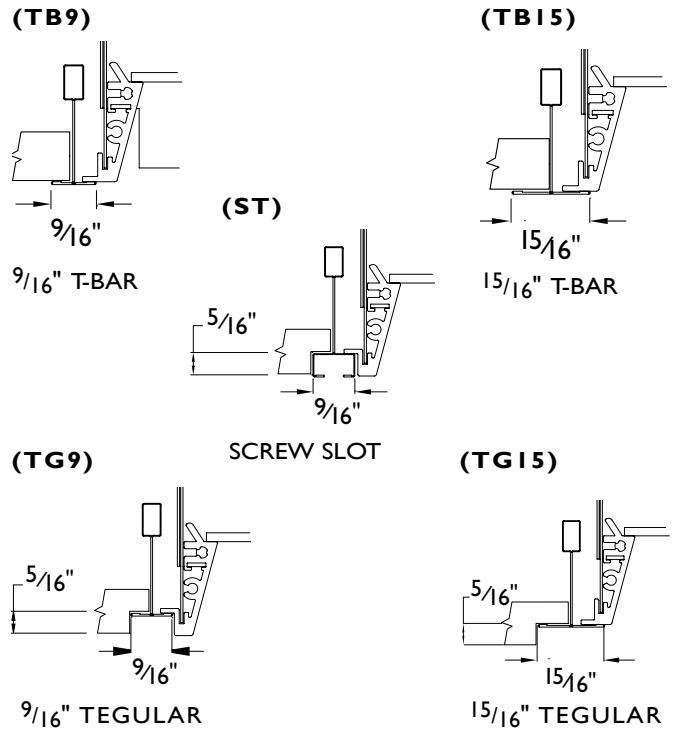
Certified to UL and CSA standards 
Chicago Plenum Certified (CCEA)
Meets NYC requirements
Suitable for damp locations.
IC Rated (Insulated ceiling)

WEIGHT

Drywall with Kit 19.5 lbs / 8.6 kg

CEILING SYSTEM

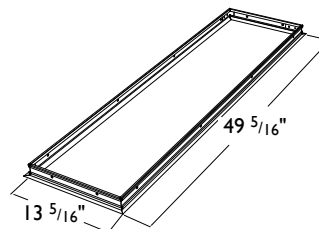
T-BAR STYLE MOUNTING



DRYWALL WITH FLANGE KIT (DF)



DRYWALL MOUNTING KIT

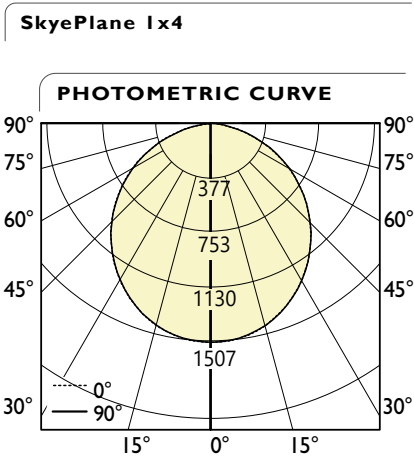


FIXTURE DIMENSIONS
11 3/4" x 47 3/4"

CUT HOLE DIMENSIONS
12 9/16" x 48 9/16"

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

● PHOTOMETRIC DATA



Total Lumens: 4031 lm
Input Watts: 34.97 W
Efficacy: 115 lm/W

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.
IES FILE: SKPL-14-4000-80-35-SO-RE-W-120-D

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION					
Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1507	1507	1507	1507	1507
5	1498	1498	1498	1499	1500
15	1433	1436	1440	1443	1445
25	1302	1308	1320	1332	1336
35	1129	1136	1151	1175	1182
45	921	929	949	976	992
55	689	697	719	749	770
65	440	447	470	499	524
75	198	203	220	243	264
85	31	31	34	44	53
90	2	2	2	2	2

ZONAL LUMENS	
Zone	Lumens
0	
0-10	142
10-20	406
20-30	608
30-40	722
40-50	736
50-60	648
60-70	472
70-80	244
80-90	52
90	

LUMINANCE DATA (cd/m²)			
Vertical Angle	Horizontal Angles		
	0	45	90
45	3965	4082	4269
55	3655	3814	4088
65	3168	3381	3773
75	2332	2589	3110
85	1066	1175	1849

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