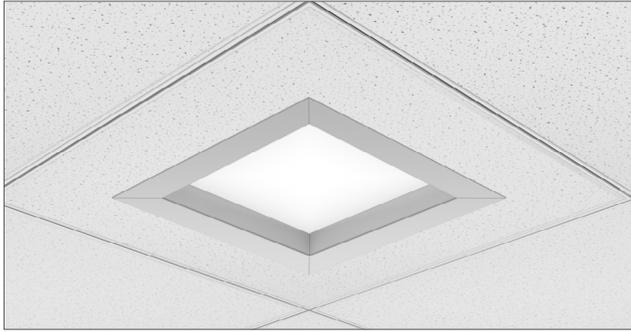


SkyePlane Regressed 1x1

Recessed T-Bar



Project _____

Type _____

Notes _____

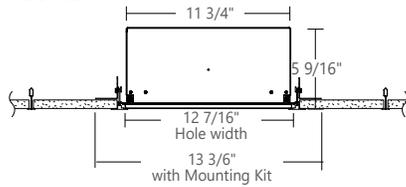
PERFORMANCE AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
950 lm	10.9 W*	89 lm/W

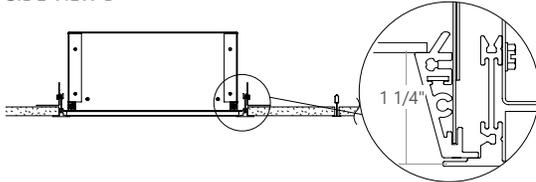
* Based on a 1x1 foot luminaire using one driver

WITH DRIVER INTEGRAL

SIDE VIEW A

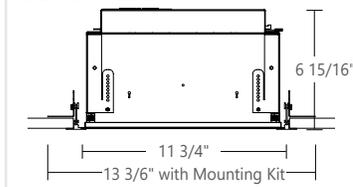


SIDE VIEW B

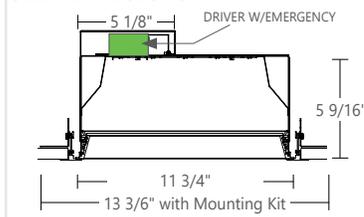


WITH BATTERY AND DRIVER INTEGRAL

SIDE VIEW A



SIDE VIEW B SECTION



Axitune Tunable White



PoE



BIOS ILLUMINATED



cULus Listed Type I.C.



Ordering Guide

SKPA	11					SO	RE			
PRODUCT ID	SIZE	TOTAL NOM. LUMENS		CRI	COLOR TEMP. (choose one)		SHIELDING	SHIELDING POSITION		
SKPA SkyePlane Regressed	11 1'X1'	600	600 lm - Min	80	30	3000 K	TW2750	2700-5000 K - Tunable White	SO spotless lens	RE regressed
		900	900 lm - Max at 90 CRI	90	35	3500 K	TW2765	2700-6500 K - Tunable White		
		1000	1000 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 on color technology. *Consult BIOS guide for more information on BIOS technology					

W								
DOOR FINISH	VOLTAGE	DRIVER		CIRCUITS		MOUNTING/SUSPENSION		BATTERY (OPT.)
W white	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT Lutron BI bi-level dimming O(#) other**	DPB(STC) dimming (0-10V) 1% with BIOS* DPB(DYN) Bio-dimming™ 100%-81% with BIOS* TW(#) tunable white drivers* POE(#) POE drivers*	1 1 circuit +E(#) emergency section* +NL(#) night light section* +GTD(#) generator transfer device*	DF drywall flange	B(##) battery pack		
	* Only available with POE drivers.	**See page 2 to specify system **Please consult factory; see page 2		*Specify quantity	Drywall flange mount (included) for installation in drywall and grid ceilings.		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).

SkyePlane Regressed 1x1

Recessed T-Bar

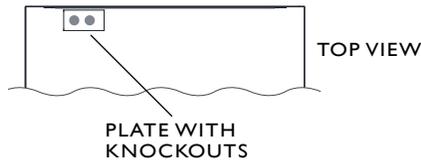
● SPECIFICATIONS

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

Aluminum paint and 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

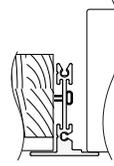
Certified to UL and CSA standards 
Chicago Plenum Certified (CCEA)
Meets NYC requirements
Suitable for damp locations.
IC Rated (Insulated ceiling)

● WEIGHT

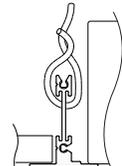
Drywall with Kit 7lbs / 3.2 kg

● CEILING SYSTEM

DRYWALL WITH FLANGE KIT (DF)



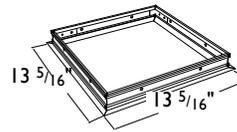
WITH WOOD FRAME



WITHOUT WOOD FRAME
CENTER CEILING TILE INSTALLATION

For drywall installation, fixture must be placed in ceiling before flange kit is installed, then repositioned in kit from plenum.

DRYWALL MOUNTING KIT



FIXTURE DIMENSIONS

11 3/4" / 11 3/4"

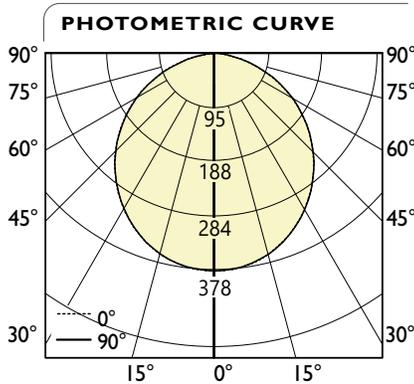
CUT HOLE DIMENSIONS

12 9/16" / 12 9/16"

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

PHOTOMETRIC DATA

SkyePlane 1x1



Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	378	378	378	378	378
5	376	377	377	377	377
15	360	361	361	362	362
25	328	329	330	330	330
35	284	285	284	286	287
45	233	232	232	234	236
55	175	173	173	175	178
65	112	111	111	113	117
75	51	50	51	53	56
85	7	8	8	8	8
90	0	0	1	1	1

Zone	Lumens
0-10	102
20-30	151
30-40	178
40-50	179
50-60	154
60-70	110
70-80	54
80-90	10
90	

Vertical Angle	Horizontal Angles		
	0	45	90
45	4316	4297	4374
55	3993	3956	4077
65	3486	3447	3621
75	2587	2587	2818
85	1113	1263	1263

Total Lumens: 973 lm
Input Watts: 10.9 W
Efficacy: 89 lm/W

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

IES FILE: SKPL-11-950-80-35-SO-RE-W-120-D

TESTED ACCORDING TO IES LM-79-2008

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