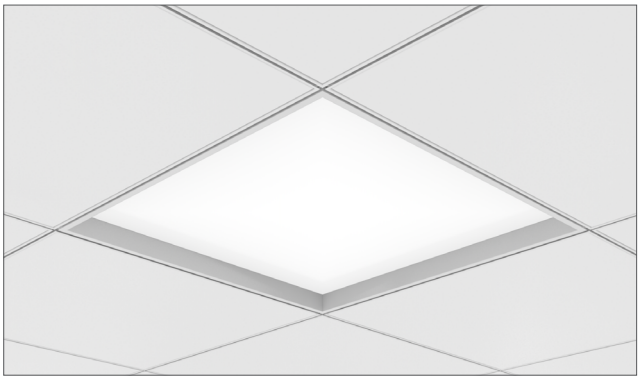
SkyePlane Regressed **2x2** | Recessed T-Bar & Drywall



Project _____

Type _____

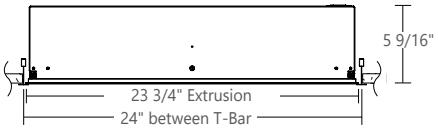
Notes _____

PERFORMANCE AT 3500K

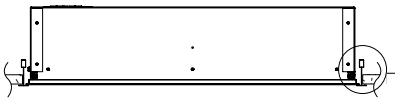
NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
3500 lm	33.06 W*	106 lm/W

* Based on a 1x1 foot luminaire using one driver

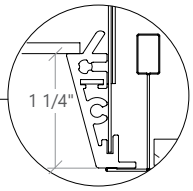
SIDE VIEW A



SIDE VIEW B



DETAIL VIEW



Axitune Tunable White | PoE | bios | cULus Listed | Control Sensors | IC cULus Listed Type I.C. | LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

Ordering Guide

SKPA	22				SO	RE
PRODUCT ID	**SIZE**	**TOTAL NOM. LUMENS**	**CRI**	**COLOR TEMP. (choose one)**	**SHIELDING**	**SHIELDING POSITION**
SKPA SkyePlane Regressed	**22** 2'X2'	**2100** 2100 lm - Min **3500** 3500 lm - Max at 90 CRI **3900** 3900 lm - Max at 80 CRI	**80** 80 CRI **90** 90 CRI*	**30** 3000 K **35** 3500 K **40** 4000 K **B30** 3000 K - BIOS* **B35** 3500 K - BIOS* **B40** 4000 K - BIOS* **TW2750** 2700-5000 K - Tunable White **TW2765** 2700-6500 K - Tunable White **BTW3527** 3500-2700 K - Tunable BIOS **BTW4027** 4000-2700 K - Tunable BIOS	**SO** spotless lens	**RE** regressed
		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 **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*	**TB9** t-bar 9/16" **TB15** t-bar 15/16" **ST** screw slot t-bar **TG9** tegular 9/16" **TG15** tegular 15/16" **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		Please consult factory

OTHER (OPTIONAL)	IC CONTROL (OPTIONAL)	CUSTOM (OPTIONAL)
FW flex whip (6' std)* **CP** chicago plenum	**DS(#)** daylight sensor **OS(#)** occupancy sensor **DOS(#)** daylight & occupancy sensor **EN(#)** enlighted integral* **ENR(#)** enlighted 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)

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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) **LTTW** - Lutron T-Series Tunable White
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.

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).

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SkyePlane Regressed 2x2 | Recessed T-Bar & Drywall

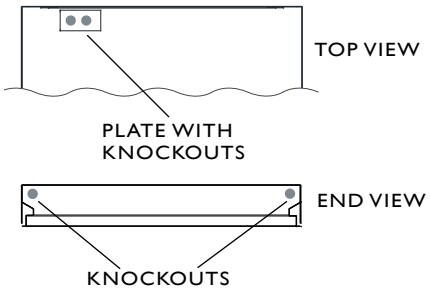
SPECIFICATIONS

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

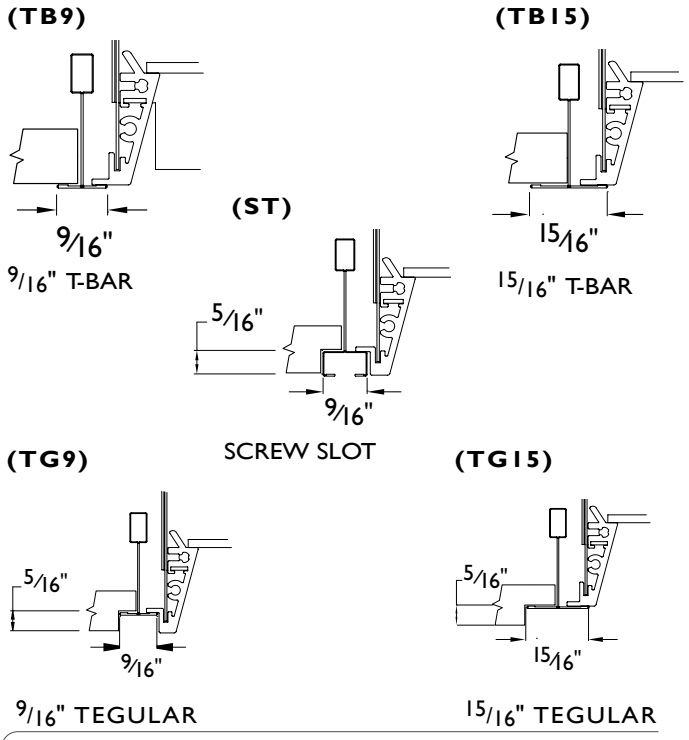
Certified to UL and CSA standards
Chicago Plenum Certified (CCEA)
Meets NYC requirements
Suitable for damp locations.
IC Rated (Insulated ceiling)

WEIGHT

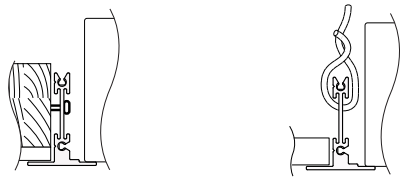
Drywall with Kit	17.9 lbs / 8.1 kg

CEILING SYSTEM

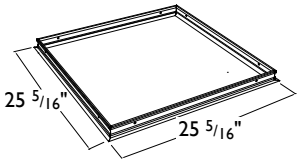
T-BAR STYLE MOUNTING



DRYWALL WITH FLANGE KIT (DF)



DRYWALL MOUNTING KIT - ACCESS FROM ABOVE
- AVAILABLE IN TILE INSTALLATION ONLY



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

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

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

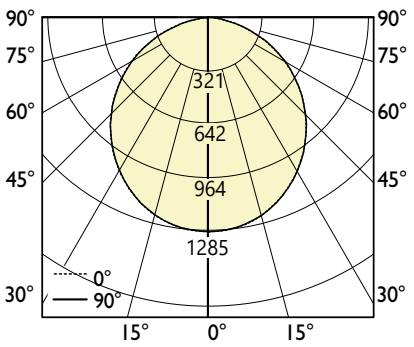
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● *PHOTOMETRIC DATA*

SkyePlane 2x2

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	1285	1285	1285	1285	1285
5	1279	1278	1279	1278	1278
15	1227	1227	1229	1228	1227
25	1126	1127	1129	1129	1127
35	989	989	989	991	990
45	821	819	820	822	822
55	630	628	628	630	632
65	421	419	419	422	424
75	207	205	208	208	211
85	35	35	36	37	37
90	1	1	1	1	1

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	121
10-20	347
20-30	521
30-40	620
40-50	635
50-60	565
60-70	420
70-80	225
80-90	50
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	3449	3446	3455
55	3262	3251	3273
65	2958	2948	2978
75	2381	2382	2418
85	1199	1236	1270

Total Lumens: 3504 lm
Input Watts: 33.06 W
Efficacy: 106 lm/W

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

IES FILE: SKPL-22-3500-80-35-SO-RE-W-120-D

TESTED ACCORDING TO IES LM-79-2008

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

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