SkyePlane Regressed 2x4 | Recessed T-Bar & Drywall

Project _____

Type _____

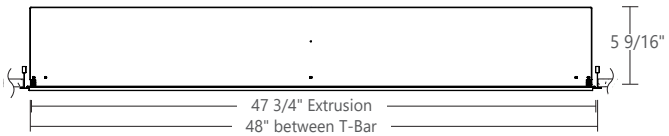
Notes _____

PERFORMANCE AT 3500K

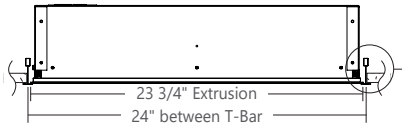
NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
8500 lm	66.69 W*	127 lm/W

* Based on a 1x1 foot luminaire using one driver

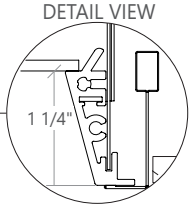
SIDE VIEW A



SIDE VIEW B



DETAIL VIEW



Axitune Dim-to-Warm | Axitune Tunable White | PoE | bios

cULus Listed | Control Sensors | cULus Listed Type I.C. | LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

Ordering Guide

SKPA	14				SO	RE
PRODUCT ID	**SIZE**	**TOTAL NOM. LUMENS**	**CRI**	**COLOR TEMP.**	**SHIELDING**	**SHIELDING POSITION**
SKPA SkyePlane Regressed	**14** 2'X4'	**3100** 3100 lm - Min **9000** 9000 lm - Max	**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 **DW3020** 3000-2000 K - Dim to Warm	**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(#)** dimming (0-10V) 1% 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 REMOTE (OPTIONAL)	CUSTOM (OPTIONAL)
F fuse* **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
* Requires 120V or 277V	* Please consult factory See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DY) 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 **LDE5** - 5-Series EcoSystem **LTEA** - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers**	**DALI** - Digital Addressable Lighting Interface **DMX** - Digital Multiplex **LV** - line voltage - Advance Mark 10 **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™ enabled 100% to 50%, light output dimming from 49% to 1%.
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 **O** - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.

***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>90 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™ 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 in operating ambient temperatures of 0-40^{0}C (32-104F).

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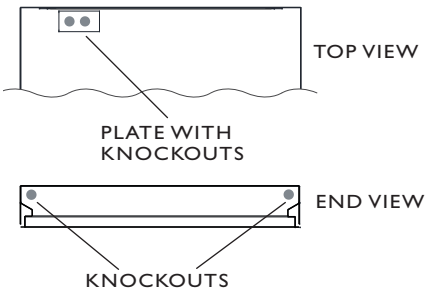
SPECIFICATIONS

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

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications.
If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

APPROVALS

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

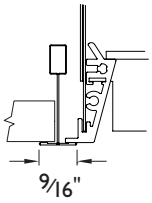
WEIGHT

Drywall with Kit	31 lbs / 14.06 kg

CEILING SYSTEM

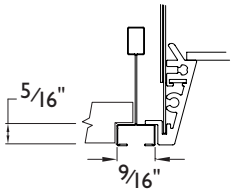
T-BAR STYLE MOUNTING

(TB9)



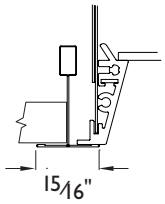
9/16" T-BAR

(ST)



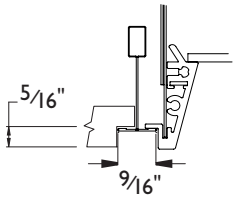
SCREW SLOT

(TB15)



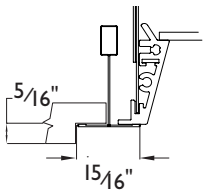
15/16" T-BAR

(TG9)



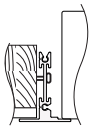
9/16" TEGULAR

(TG15)



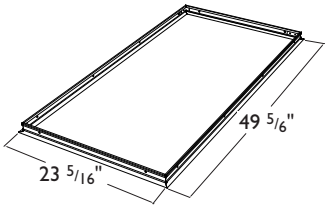
15/16" TEGULAR

DRYWALL WITH FLANGE KIT (DF)



WITH WOOD FRAME

DRYWALL MOUNTING KIT



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

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

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

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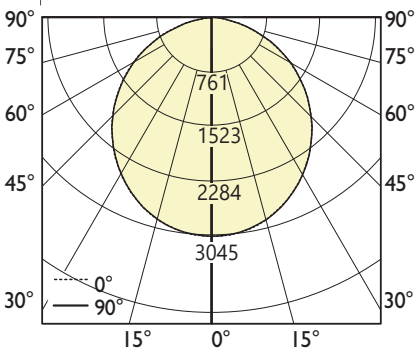
● *PHOTOMETRIC DATA*

SkyePlane 2x4

PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	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

ZONAL LUMENS

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

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	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

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

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