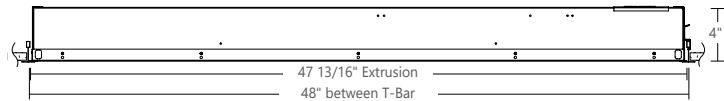
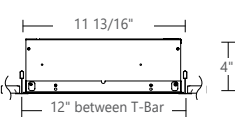




SIDE VIEW A



SIDE VIEW B



Ordering Guide

SKVLED		14								2xVL					
PRODUCT ID		SIZE		TOTAL NOM. LUMENS		CRI		COLOR TEMP. (choose one)				SHIELDING		SHIELDING POSITION	
SKVLED	Recessed LED	14	1'X4'	1400	1400 lm - Min	80	80 CRI	30	3000 K	TW2750	2700-5000 K - Tunable White	2xVL	2xVL optic	FL	flush
				3800	3800 lm - Max at 90 CRI	90	90 CRI*	35	3500 K	TW2765	2700-6500 K - Tunable White			RE	regressed
				4200	4200 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				Consult factory for other lens.			

DOOR FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION	BATTERY (OPTIONAL)
AP aluminum paint 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" 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	Not available with 347V Please consult factory	

OTHER (OPTIONAL)	IC CONTROLS (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 pages 3-4 for further details. Specify quantity. 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)

Project

Type

Notes

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
2400 lm	25 W	96 lm/W
3205 lm	35 W	91 lm/W
4508 lm	52 W	86 lm/W

* Based on a 1'x4' luminaire using one driver
Please consult factory for custom lumen output and wattage.



● SPECIFICATIONS

CONSTRUCTION

Housing	Die formed cold rolled sheet steel (20 gauge).
Door frame	Extruded aluminum.
Lens	Combined CDP micro-prism patterns.
Side lens	0.08" PMMA satin blend.
Reflectors	High reflectance post painted.
Drywall Flange Kit	Extruded aluminum (0.060" nominal).
Luminaire support	Integrated Hold-Down clip

● 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)



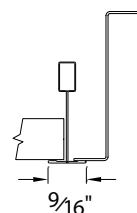
● WEIGHT

Drywall with Kit	15.4 lbs / 7.0 kg
-------------------------	-------------------

● CEILING SYSTEM

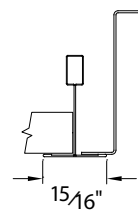
T-BAR STYLE MOUNTING

(TB9)



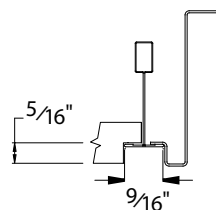
9/16" T-BAR

(TB15)



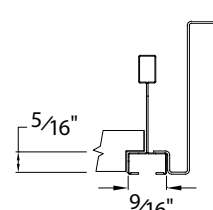
15/16" T-BAR

(TG9)



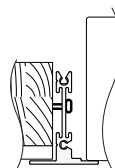
9/16" TEGULAR

(ST)

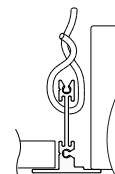


SCREW SLOT

● DRYWALL WITH FLANGE KIT (DF)

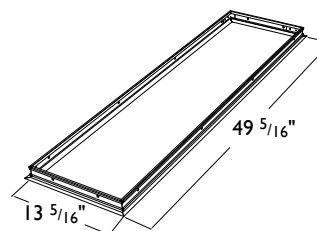


WITH WOOD FRAME



WITHOUT WOOD FRAME

DRYWALL MOUNTING KIT



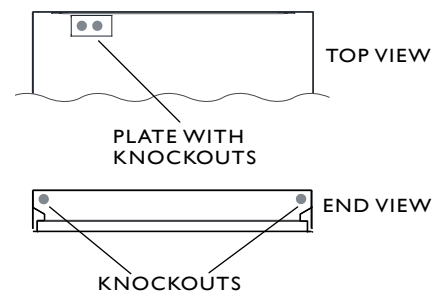
FIXTURE DIMENSIONS
11 13/16" / 47 13/16"

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

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

● 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)



● 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*	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.

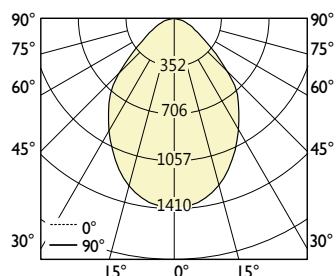
i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● 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).

● PHOTOMETRIC DATA

PHOTOMETRIC CURVE



Luminaire Lumens: 2404 lm

Input Watts: 25 W

Efficacy: 96 lm/W

IES FILE: SKVLED-I 4-B4-2400-80-35-2xVL-AP-I20-D-I.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1410	1410	1410	1410	1410
5	1395	1398	1395	1398	1400
15	1289	1290	1275	1266	1266
25	1080	1075	1054	1041	1036
35	848	839	825	815	809
45	581	572	559	556	552
55	285	284	281	265	256
65	153	144	138	134	125
75	80	73	67	66	61
85	18	19	11	8	7
90	0	0	0	0	0

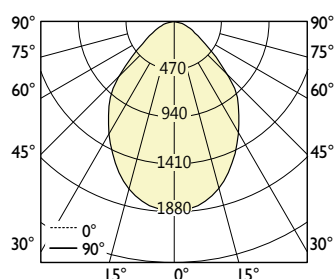
ZONAL LUMENS

Zone	Lumens
0	
0-10	132
10-20	358
20-30	486
30-40	518
40-50	431
50-60	250
60-70	139
70-80	73
80-90	17
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2688	2585	2553
55	1625	1600	1459
65	1181	1068	964
75	1007	851	766
85	674	421	253

PHOTOMETRIC CURVE



Luminaire Lumens: 3205 lm

Input Watts: 35 W

Efficacy: 91 lm/W

IES FILE: SKVLED-I 4-B4-3200-80-35-2xVL-AP-I20-D-I.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1880	1880	1880	1880	1880
5	1860	1863	1860	1863	1866
15	1718	1720	1700	1688	1688
25	1440	1434	1405	1387	1381
35	1130	1118	1100	1087	1079
45	775	763	745	741	736
55	380	379	374	353	341
65	204	192	184	178	166
75	106	97	90	88	81
85	24	25	15	10	9
90	0	0	0	0	0

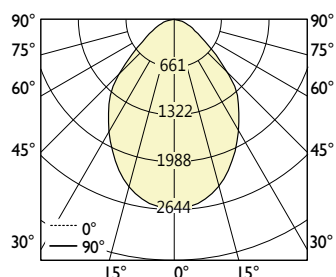
ZONAL LUMENS

Zone	Lumens
0	
0-10	176
10-20	477
20-30	648
30-40	691
40-50	575
50-60	333
60-70	185
70-80	97
80-90	23
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3584	3446	3405
55	2167	2133	1945
65	1575	1424	1285
75	1342	1134	1021
85	898	561	337

PHOTOMETRIC CURVE



Luminaire Lumens: 4508 lm

Input Watts: 52 W

Efficacy: 86 lm/W

IES FILE: SKVLED-I 4-B4-4500-80-35-2xVL-AP-I20-D-I.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2644	2644	2644	2644	2644
5	2616	2620	2616	2620	2625
15	2416	2418	2391	2374	2374
25	2025	2016	1976	1951	1943
35	1589	1572	1547	1528	1518
45	1090	1073	1048	1042	1036
55	535	533	526	497	480
65	286	269	259	250	234
75	149	137	126	124	114
85	34	36	21	15	13
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	248
10-20	671
20-30	911
30-40	972
40-50	809
50-60	468
60-70	261
70-80	136
80-90	32
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5041	4846	4788
55	3047	2999	2735
65	2214	2003	1807
75	1888	1595	1436
85	1263	789	474

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