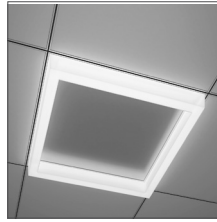


Flush Lens



2" StepLens



0.5" StepLens

Project _____

Type _____

Notes _____

PERFORMANCE AT 3500K

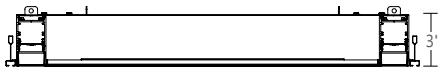
NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
2400 lm	25.4 W	94 lm/W
3200 lm	34.7 W	92 lm/W
4000 lm	43.4 W	92 lm/W

* Based on a 2'x2' flush luminaire using one driver.
Please consult factory for custom lumen output and wattage.

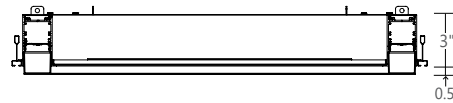


SECTION VIEW

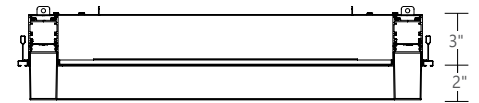
Flush



0.5" StepLens

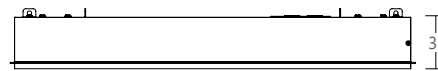


2" StepLens

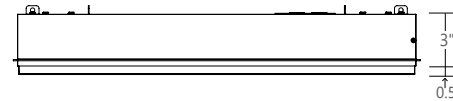


SIDE VIEW

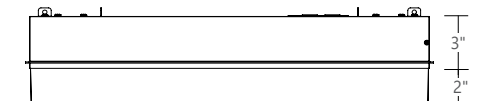
Flush



0.5" StepLens



2" StepLens



Ordering Guide

SKPLED		SIZE	TOTAL NOM. LUMENS	CRI	COLOR TEMP.	SHIELDING	FINISH
PRODUCT ID	SKPLED Recessed LED	22 2'X2'	2400 2400 lm - Minimum 4000 4000 lm - Maximum	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	FL flush 0.5 0.5" StepLens 2 2" StepLens +BL(#) Blank ⁽¹⁾	W white C custom
		Consult factory for other sizes	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.			(1) For flush option only	

VOLTAGE	DRIVER	CIRCUITS	MOUNTING	BATTERY (OPTIONAL)
120 120 V 277 277 V 347 347 V ⁽²⁾ UNV universal	DP dimming (0-10V) 1% LT lutron ⁽³⁾ BI bi-level dimming O other ⁽⁴⁾	1 1 circuit +E(#) emergency section ⁽⁵⁾ +NL(#) night light section ⁽⁵⁾ +GTD(#) generator transfer device ⁽⁵⁾	TB9 t-bar 9/16" TB15 t-bar 15/16" ST screw slot t-bar TG9 tegular 9/16" TG15 tegular 15/16" DFK drywall with flange kit	B# Remote battery pack
(2) Consult factory	(3) Specify system (4) Please consult factory	(5) Specify quantity		For integral, please consult factory

OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
F fuse ⁽⁶⁾ FW(#) flex whip (6' std)	DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor IN# Enlighted integral ⁽⁷⁾ INR# Enlighted remote ⁽⁸⁾ WC# wireless control dimming	C custom
(6) Requires 120V or 277V	(7) For flush option only; Please consult factory (8) Please consult factory Specify quantity. Requires 8" blank See integrated controls guide for more details.	Please specify

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.060" nominal).
Optics	Crystal glass optics.
Reflectors	High reflectance post painted steel.
Luminaire support	Integrated Hold-Down clip

● ELECTRICAL

Lutron driver*	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) <small>*Consult factory</small>
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System.
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.
Flex Whip	Shipped in a separate box for contractors to install
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
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
LED life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal management	Aluminium housing acting as the heat sink to maximize life.

● WARRANTY

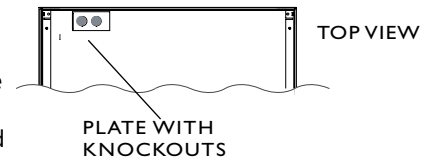
Axis lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

● APPROVALS

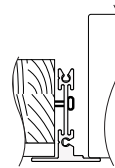
Certified to UL and CSA standards 
Meets NYC requirements
IC Rated (Insulated ceiling)

● STANDARD AND END MOUNT POWER FEED

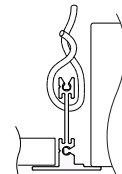
Knockouts for BX cable connection are provided both on the top of the luminaire. This allows for an end mount power feed.
(BX CABLE BY OTHER)



● DRYWALL WITH FLANGE KIT (DFK)

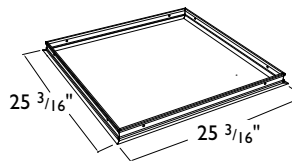


WITH WOOD FRAME



WITHOUT WOOD FRAME

DRYWALL MOUNTING KIT

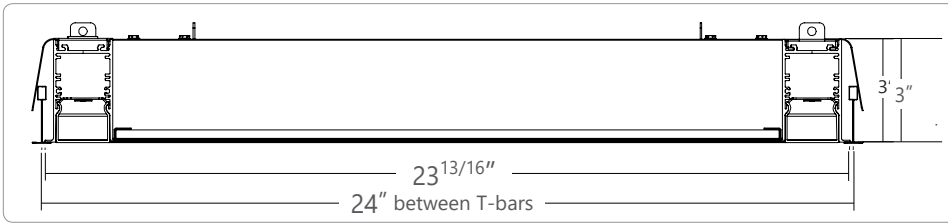


FIXTURE DIMENSIONS
23 7/16" / 23 7/16"

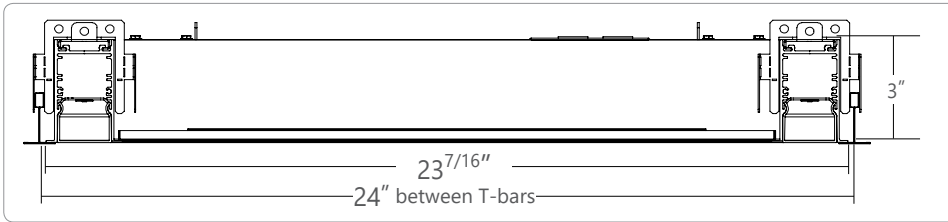
CUT HOLE DIMENSIONS
24 7/16" / 24 7/16"

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

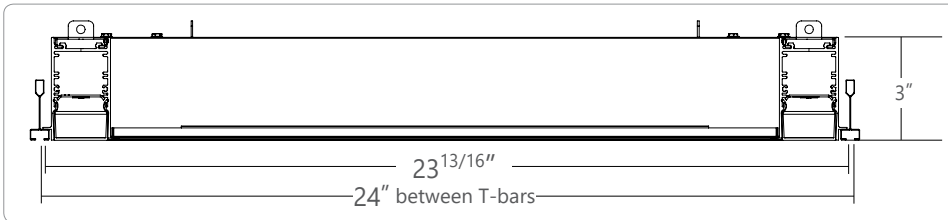
● TB CEILING MOUNTING OPTIONS - FLUSH



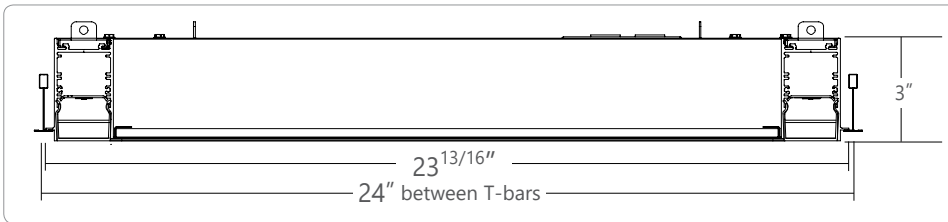
TB9 9/16" T-BAR



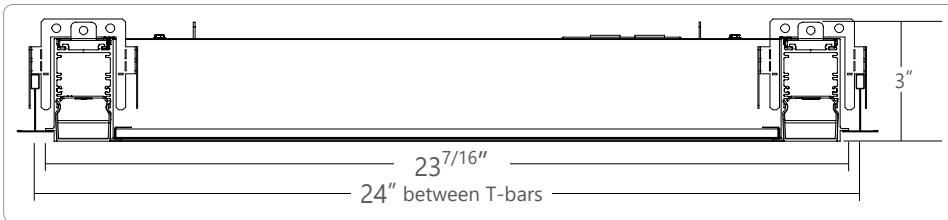
TB15 15/16" T-BAR



ST SCREW SLOT T-BAR

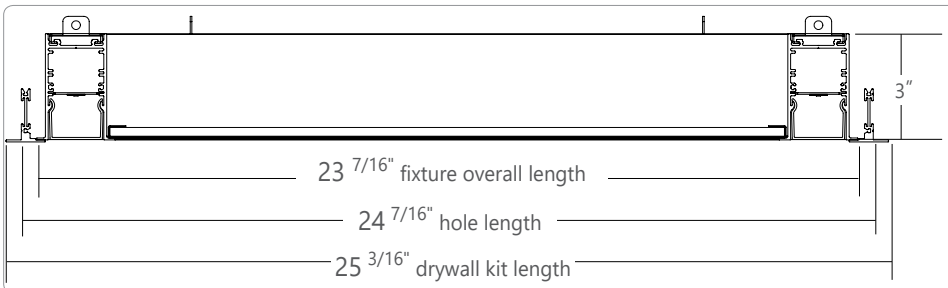


TG9 9/16" T-TEGULAR



TG15 15/16" T-TEGULAR

● DRYWALL MOUNTING - FLUSH



DFK DRYWALL WITH FLANGE KIT

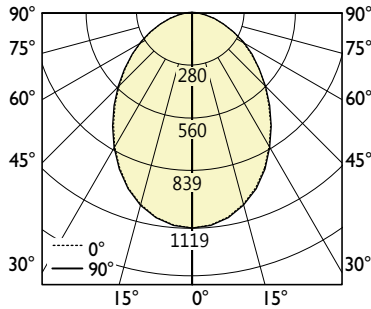
Information icon: Specification sheets and Installation sheets for all mounting for SkyePool luminaires are available for download at www.axislighting.com

● PHOTOMETRIC DATA

300/ft lm with Flush lens



PHOTOMETRIC CURVE



Lumen/ft down: 300 lm/ft
Total Lumens: 2400 lm (for 8ft)
Input Watts: 25.4 W
Efficacy: 94 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE:SKPLED-22-B4-2400-80-35-FL-W-UNV-D-1.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1119	1119	1119	1119	1119
5	1107	1107	1107	1107	1108
15	1032	1032	1034	1035	1035
25	890	891	892	894	894
35	712	712	712	716	716
45	535	533	532	537	539
55	375	372	371	376	378
65	237	236	235	237	239
75	120	120	120	120	121
85	31	32	33	32	31
90	3	3	3	3	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	105
10-20	290
20-30	410
30-40	446
40-50	413
50-60	335
60-70	235
70-80	128
80-90	37
90	1

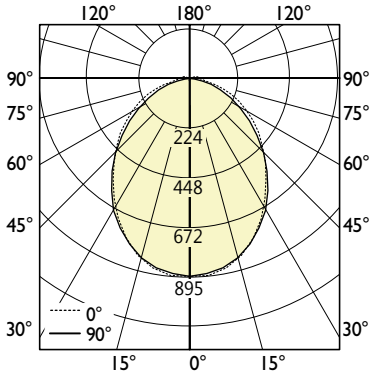
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8299	8257	8369
55	7170	7102	7239
65	6161	6091	6208
75	5106	5068	5144
85	3961	4187	3848

300 lm/ft with 0.5" StepLens



PHOTOMETRIC CURVE



Lumen/ft down: 300 lm/ft
Total Lumens: 2400 lm (for 8ft)
Input Watts: 24.8 W
Efficacy: 97 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE:SKPLED-22-B4-2400-80-35-0.5L-W-UNV-D-1.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	895	895	895	895	895
5	887	887	887	887	889
15	835	836	839	837	836
25	731	734	737	736	731
35	601	606	609	607	601
45	476	482	484	481	472
55	362	370	373	366	354
65	260	270	274	265	249
75	169	181	188	177	158
85	91	100	106	99	85
90	34	40	43	39	30
95	29	34	37	32	25
105	24	28	31	27	21
115	19	22	25	21	18
125	16	16	19	15	14
135	10	9	10	9	10
145	6	5	3	5	6
155	1	1	0	1	1
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	84
10-20	235
20-30	338
30-40	379
40-50	371
50-60	328
60-70	264
70-80	188
80-90	102
90-100	36
100-110	28
110-120	21
120-130	14
130-140	8
140-150	3
150-160	0
160-170	0
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7106	7108	7044
55	6548	6597	6406
65	6203	6343	5954
75	6216	6553	5812
85	7828	8076	7288

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

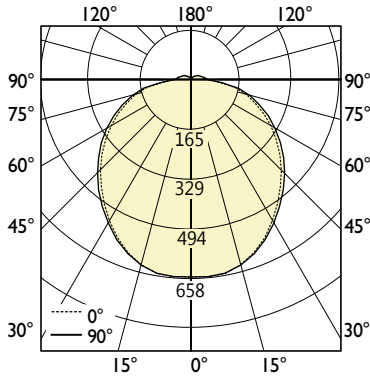
● PHOTOMETRIC DATA

300 lm/ft with 2" StepLens



StepLens

PHOTOMETRIC CURVE



Lumen/ft down: 300 lm/ft
Total Lumens: 2400 lm (for 8ft)
Input Watts: 22.8 W
Efficacy: 105 lm/W

CRI:80 shown (for CRI:90 use 0.8 multiplier on watts and efficacy)

IES FILE:SKPLED-22-B4-2400-80-35-2L-4-W-UNV-D-1.IES
 TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	656	656	656	656	656
5	656	656	657	657	657
15	638	644	649	644	637
25	584	596	600	593	579
35	514	529	533	523	503
45	440	459	463	451	425
55	364	386	393	377	346
65	284	309	320	301	267
75	204	227	239	222	192
85	103	118	129	116	94
90	59	72	80	70	53
95	51	62	70	61	46
105	39	49	56	48	36
115	31	39	45	38	29
125	26	29	34	29	24
135	17	19	22	21	18
145	12	12	14	13	13
155	7	6	6	6	7
165	2	1	0	1	2
175	0	0	0	0	0
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	63
10-20	181
20-30	273
30-40	328
40-50	349
50-60	338
60-70	298
70-80	233
80-90	129
90-100	66
100-110	51
110-120	38
120-130	26
130-140	16
140-150	8
150-160	3
160-170	0
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5831	5779	5629
55	5586	5584	5322
65	5389	5461	5072
75	5281	5322	4951
85	4385	4309	4009

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