



Project _____

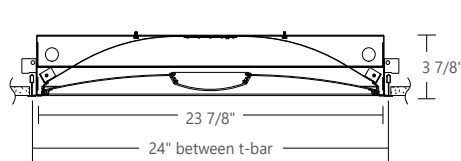
Type _____

Notes _____

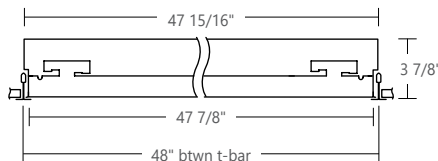
PERFORMANCE AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
3200 lm	29.22 W	112 lm/W
4000 lm	37.4 W	107 lm/W

* Based on a 2'x4' luminaire using one driver
Please consult factory for custom lumen output and wattage.



SECTION VIEW



SIDE VIEW

6400 lm - Max at 90 CRI

**Ordering Guide**

PRODUCT ID	SIZE	NOMINAL LUMENS	CRI	COLOR TEMP. (choose one)	SHIELDING	FINISH
DAYFLED DAY flat LED	24 2'X4'	1400 1400 lm - Min	80 80 CRI	27 2700 K	SO spotless lens	W white
DAYCLED DAY curve LED*		6400 6400 lm - Max at 90 CRI	90 90 CRI*	30 3000 K		C custom
		7200 7200 lm - Max at 80 CRI		35 3500 K		
				40 4000 K		
				B30 3000 K - BIOS*		
				B35 3500 K - BIOS*		
				B40 4000 K - BIOS*		
*DLC qualified		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 of color technology. *Consult BIOS guide for more information on BIOS technology		

VOLTAGE	DRIVER	CIRCUITS	MOUNTING	BATTERY (OPTIONAL)
120 120 V	DP dimming (0-10V) 1%	1 1 circuit	TB9 t-bar 9/16"	B(#) battery pack
277 277 V	LT Lutron	+E(#) emergency circuit*	TB15 t-bar 15/16"	
347 347 V	BI bi-level dimming	+NL(#) night light circuit*	ST screw slot t-bar	
UNV universal	O(#) other**	+GTD(#) generator transfer device*	TG9 regular 9/16"	
DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*		TG15 regular 15/16"	
	DPB(DYN) Bio-dimming™ 100%-81% with BIOS*		DF drywall flange	
	TW(#) tunable white drivers*			
	POE(#) POE drivers*			
* 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)*	DS(#) daylight sensor	C custom
CP Chicago plenum	OS(#) occupancy sensor	
	DOS(#) daylight & occupancy sensor	
	EN(#) Enlighted integral *	
	ENR(#) Enlighted remote *	
	WC(#) wireless control dimming	
* Other lengths available; please consult factory.	*Please consult factory Specify quantity. Requires 1.5" blank. 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*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
	UL2108 certified for integral or remote driver
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.

● FINISH

Highly reflective, matte powder coat white paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

● SPECIFICATIONS

Housing	Die formed cold rolled sheet steel (20 gauge)
Central Lens Housing	Extruded aluminum (0.060" nominal)
Lens	Spotless acrylic lens
Side lens	0.08" PMMA satin blend
Reflectors	Die formed cold rolled sheet steel (22 gauge)
Interior Brackets	Die formed cold rolled sheet steel (20 gauge)
Drywall Flange Kit	Extruded aluminum (0.060" nominal)

● 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.

● 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).

● WEIGHT

Standard	19 lbs / 8.6 kg
Drywall with Kit	21 lbs / 9.6 kg

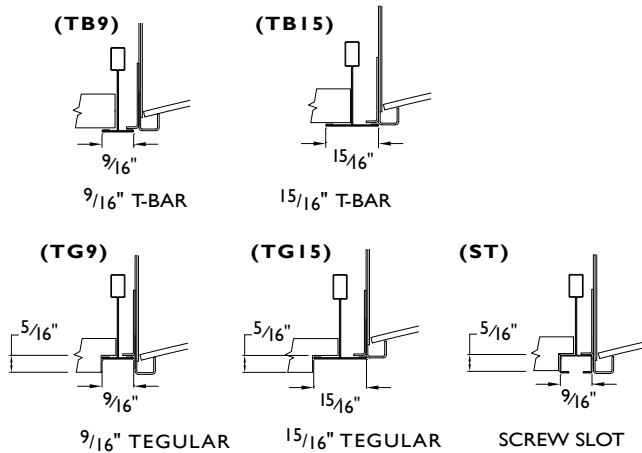
● APPROVALS

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

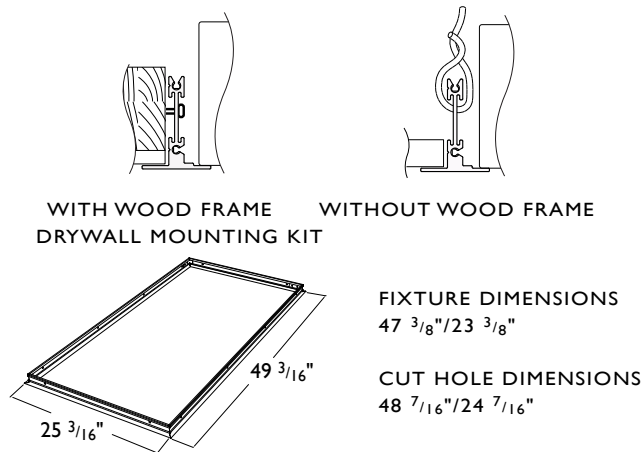


● CEILING SYSTEM

T-BAR STYLE MOUNTING



● DRYWALL WITH FLANGE KIT (DF)

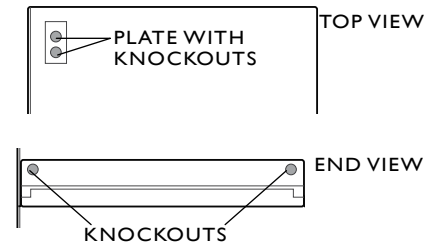


i Installation sheets for all mountings options are available at: www.axislighting.com

● STANDARD AND END MOUNT POWER FEED

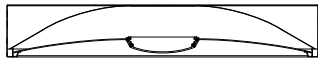
Knockouts for BX cable connection are provided both on the top and on the ends of the luminaire. This allows for an end mount power feed solution if it is required.

(BX CABLE BY OTHERS)

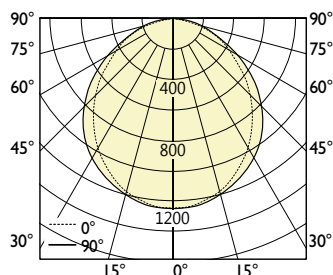


● PHOTOMETRIC DATA

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 3200 lm
Input Watts: 29.22 W
Efficacy: 112 lm/W
IES FILE: DAYLED-24-3200-80-35-SO.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles					Zonal Lumens
Vertical Angle	0	22.5	45	67.5	90	
0	1251	1251	1251	1251	1251	
10	1216	1220	1222	1229	1231	58
20	1127	1135	1143	1157	1163	107
30	985	997	1024	1052	1063	140
40	809	830	874	907	918	153
50	619	643	687	712	721	142
60	428	448	477	491	494	111
70	249	260	275	279	280	69
80	100	103	109	105	103	28
90	0	0	0	0	0	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	1614	1773	1868
55	1455	1628	1692
65	1275	1411	1449
75	1044	1149	1155
85	752	844	917

COEFFICIENTS OF UTILIZATION (%)

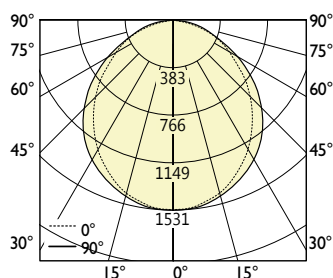
Ceiling	80				70				50			
Wall	70	50	30	10	70	50	30	10	50	30	10	10
0	120	120	120	120	117	117	117	117	112	112	112	112
1	110	105	101	95	107	103	99	94	98	95	91	91
2	100	92	85	77	97	90	84	77	87	81	75	75
3	91	81	73	64	89	79	72	64	77	70	63	63
4	84	72	63	54	82	71	63	54	68	61	53	53
5	77	65	56	46	75	63	55	46	61	54	46	46
6	71	58	49	40	69	57	49	40	55	48	40	40
7	66	53	44	36	64	52	44	36	50	43	35	35
8	62	48	40	32	60	48	40	32	46	39	32	32
9	58	44	36	29	56	44	36	29	43	35	28	28
10	54	41	33	26	53	40	33	26	39	32	26	26

Based on floor reflectance of 20

LED



PHOTOMETRIC CURVE



Luminaire Lumens: 4000 lm
Input Watts: 37.4 W
Efficacy: 107 lm/W
IES FILE: DAYLED-24-4000-80-35-SO.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles					Zonal Lumens
Vertical Angle	0	22.5	45	67.5	90	
0	1530	1530	1530	1530	1530	
10	1487	1492	1495	1503	1506	71
20	1379	1388	1398	1415	1423	131
30	1205	1220	1253	1287	1300	172
40	990	1015	1069	1109	1123	187
50	757	787	840	871	882	174
60	524	548	583	601	604	136
70	305	318	336	341	343	85
80	122	126	133	128	126	35
90	0	0	0	0	0	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	1975	2168	2285
55	1780	1991	2070
65	1560	1726	1772
75	1244	1406	1413
85	920	1032	1122

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
Wall	70	50	30	10	70	50	30	10	50	30	10	10
0	120	120	120	120	117	117	117	117	112	112	112	112
1	110	105	101	95	107	103	99	94	98	95	91	91
2	100	92	85	77	97	90	84	77	87	81	75	75
3	91	81	73	64	89	79	72	64	77	70	63	63
4	84	72	63	54	82	71	63	54	68	61	53	53
5	77	65	56	46	75	63	55	46	61	54	46	46
6	71	58	49	40	69	57	49	40	55	48	40	40
7	66	53	44	36	64	52	44	36	50	43	35	35
8	62	48	40	32	60	48	40	32	46	39	32	32
9	58	44	36	29	56	44	36	29	43	35	28	28
10	54	41	33	26	53	40	33	26	39	32	26	26

Based on floor reflectance of 20

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