



Project \_\_\_\_\_

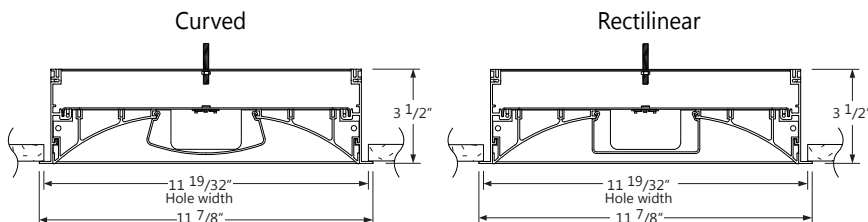
Type \_\_\_\_\_

Notes \_\_\_\_\_

### PERFORMANCE AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
600 lm/ft	6.3 W/ft	95 lm/W

Please consult factory for custom lumen output and wattage.



**TECHZONE™ AND LOGIX™ COMPATIBLE**

for more info see page 3

TEK12LED		600		S	
PRODUCT ID	LENS	NOMINAL LUMENS	CRI	COLOUR TEMP.	SHIELDING
TEK12LED Tek 12" LED	<b>C</b> curved <b>R</b> rectilinear	<b>600</b> 600 lm/ft	<b>80</b> 80 CRI <b>90</b> 90 CRI	<b>30</b> 3000 K <b>35</b> 3500 K <b>40</b> 4000 K	<b>S</b> satin lens

LENGTH/FT	FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION
2 2' 4 4' 5 5'	<b>W</b> white <b>C</b> custom	<b>120</b> 120 V <b>277</b> 277 V <b>347</b> 347 V <b>UNV</b> universal	<b>DP</b> dimming (0-10V) 1% <b>LT</b> lutron <sup>(1)</sup> <b>BI</b> bi-level dimming <b>O</b> other <sup>(2)</sup> <b>+M</b> master <b>+S</b> satellite	<b>1</b> 1 circuit <b>+E(#)</b> emergency circuit <sup>(3)</sup> <b>+NL(#)</b> night light circuit <sup>(3)</sup> <b>+GTD(#)</b> generator transfer device <sup>(3)</sup>	<b>TB9</b> t-bar 9/16" <b>TB15</b> t-bar 15/16" <b>ST</b> screw slot t-bar <b>TG9</b> tegular 9/16" <b>TG15</b> tegular 15/16" <b>DF</b> drywall flange

(1) Specify system  
(2) Please consult factory  
(3) Specify quantity

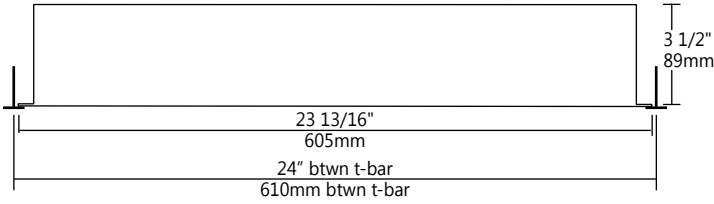
BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	FUNCTIONALITY PLATES	CUSTOM (OPTIONAL)
<b>B#</b> battery pack	<b>F</b> fuse <sup>(4)</sup> <b>FW(#)</b> flex whip (6' std) <b>CP</b> chicago plenum	<b>DS#</b> daylight sensor <b>OS#</b> occupancy sensor <b>DOS#</b> daylight & occupancy sensor <b>EN#</b> enlightened integral <sup>(5)</sup> <b>ENR#</b> enlightened remote <sup>(5)</sup> <b>WC#</b> wireless control dimming	<b>MR16#</b> MR16 lamp <b>AR#</b> air return plate <b>BK#</b> blank plate <b>SR#</b> sprinkler plate <b>SPK#</b> speaker plate	<b>C</b> custom

Not available with 347V Please consult factory  
(4) Requires 120V or 277V  
(5) Please consult factory Specify quantity. Requires 1.5" blank See integrated controls guide for more details.  
For 4ft and 5ft only  
Please specify

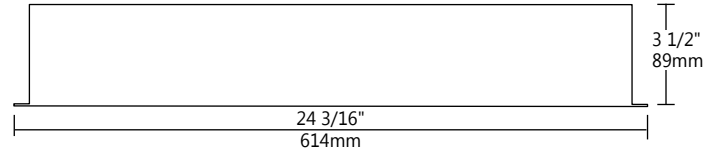
## ● DIMENSIONS - SIDE VIEW

### TEK - 2FT

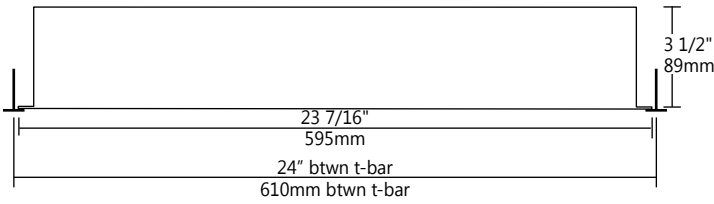
#### TB9 - TB15 - TG9 - ST



#### DF

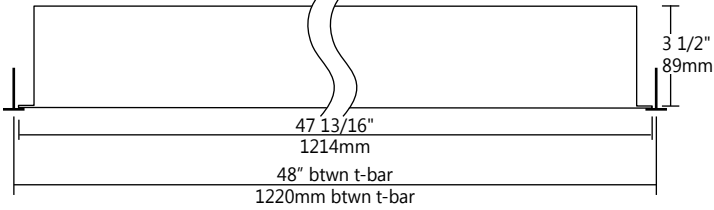


#### TG15

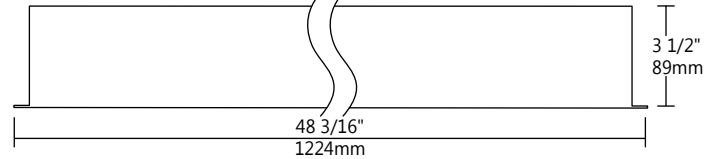


### TEK - 4FT

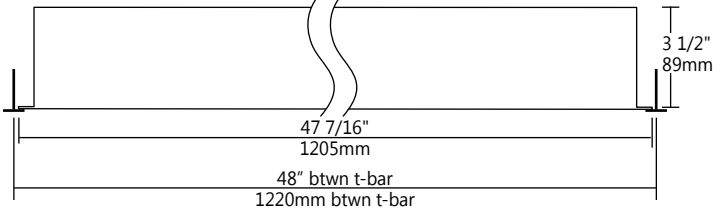
#### TB9 - TB15 - TG9 - ST



#### DF

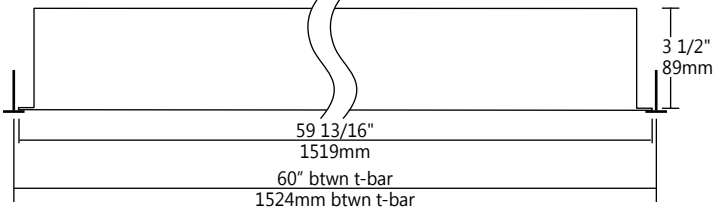


#### TG15

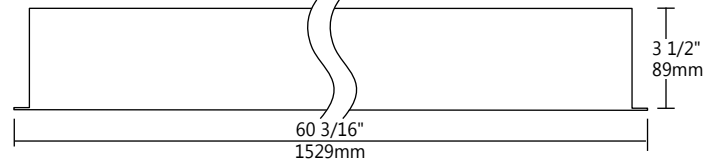


### TEK - 5FT

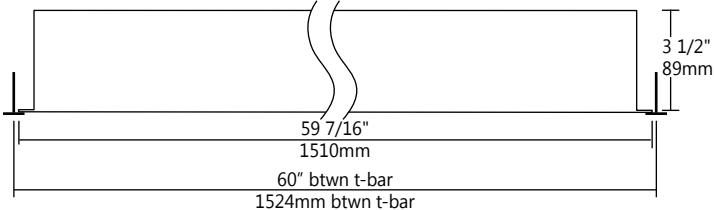
#### TB9 - TB15 - TG9 - ST



#### DF



#### TG15



### ● FUNCTIONALITY PLATES

TEK 12 is compatible with the Armstrong Techzone™ ceiling systems. Air return and MR16 accent plates are provided complete, as shown. Speaker and sprinkler plates are ready to receive customer-furnished and installed equipment. Custom applications, can also be accommodated. Nominally 6" long, the Functionality Plates are supplied in pairs for each applicable luminaire but can be specified with the same or different functions.

**i** Consult your Axis Representative to coordinate the specification.

### ● SPECIFICATIONS

#### CONSTRUCTION

<b>Housing</b>	Extruded aluminum (0.070" nominal)
<b>Reflectors</b>	Extruded aluminum (0.070" nominal)
<b>Interior Brackets</b>	Die formed cold rolled sheet steel (18 gauge)
<b>Ballast Cover</b>	Die formed cold rolled sheet steel (24 gauge)
<b>Functionality Plate</b>	Die formed cold rolled sheet steel (22 gauge)
<b>T-Bar Bracket</b>	Die formed cold rolled sheet steel (16 gauge)

### ● ELECTRICAL

**Lutron driver\*** LDE1 - EcoSystem H-Series (1%)  
 LDE5 - EcoSystem 5-Series (5%)  
 LTE - Hi-Lume® A-series 2Wires Forward Phase (1%)  
 \*Consult factory

**Other drivers** DALI - Digital Addressable Lighting Interface  
 DMX - Digital Multiplex  
 LV - line voltage - Advance Mark 10  
 Xitanium SR - For wireless sensor

**Emergency** Integral emergency battery pack or emergency circuit optional.

**Input Voltage** 120V, 277V, 347V, UNV.

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

### ● WEIGHT

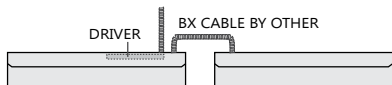
**2ft** - 11lbs/5.0kg, **4ft** - 21lbs/9.5kg, **5ft** - 26lbs/32.5kg

### ● 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.

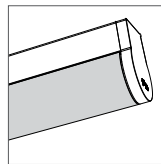
### ● MASTER / SATELLITE CONFIGURATION

Master / Satellite configuration allows the satellite luminaire to share a driver and power supply with the master luminaire.



**i** Check Master/Satellite Installation Guide at: [www.axislighting.com](http://www.axislighting.com)

### ● OPTICS



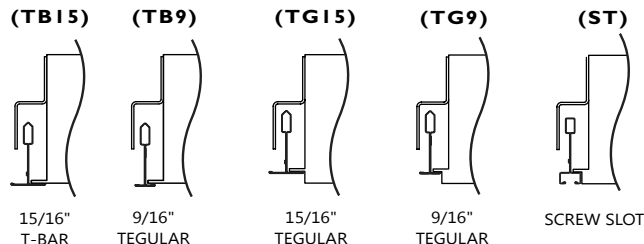
S satin lens

#### SATIN LENS

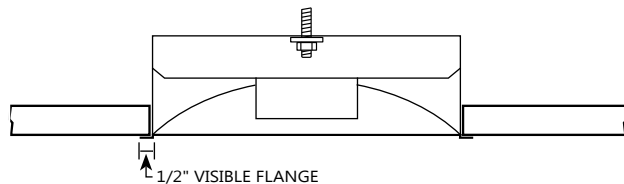
PMMA satin finish (0.060" nominal) 68% trans.

### ● CEILING SYSTEM

#### T-BAR STYLE MOUNTING

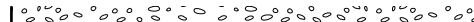


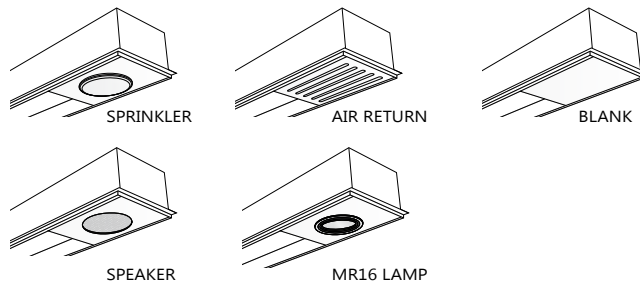
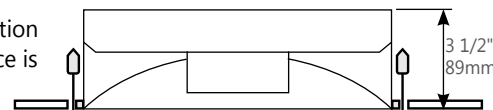
#### DRYWALL MOUNTING




**i** Installation sheets for all mounting options are available at [www.axislighting.com](http://www.axislighting.com)

### ● RESTRICTED PLENUM SPACE

With a 3 1/2" depth,  TEK's low-profile allows easy installation where plenum space is restricted.

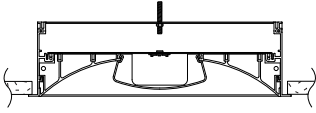


### ● APPROVALS

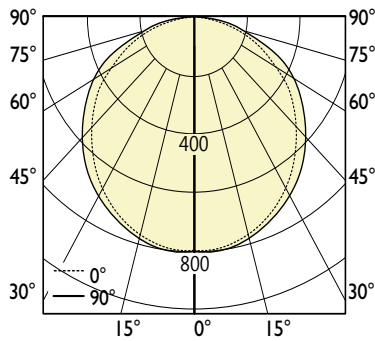
Certified to UL and CSA standards   
 Chicago Plenum Certified (CCEA)  
 Meets NYC requirements  
 Suitable for damp locations.  
 IC Rated (Insulated ceiling)

### ● PHOTOMETRIC DATA

600 lm/ft



#### PHOTOMETRIC CURVE



**Luminaire Lumens: 600 lm/ft**  
**Input Watts: 6.3 W**  
**Efficacy: 95 lm/W**  
 IES FILE: TEK12LED-600-80-35-S.IES

#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	803	803	803	803	803
5	797	800	799	803	806
15	769	774	776	780	784
25	713	719	725	733	738
35	634	640	652	662	668
45	535	544	561	576	582
55	419	432	455	473	480
65	288	306	334	353	358
75	151	174	188	186	187
85	36	38	34	30	29
90	0	0	0	0	0

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	76
10-20	219
20-30	334
30-40	408
40-50	432
50-60	404
60-70	324
70-80	190
80-90	44
90	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	2399	2516	2610
55	2317	2516	2654
65	2161	2506	2686
75	1850	2304	2291
85	1310	1237	1055

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)