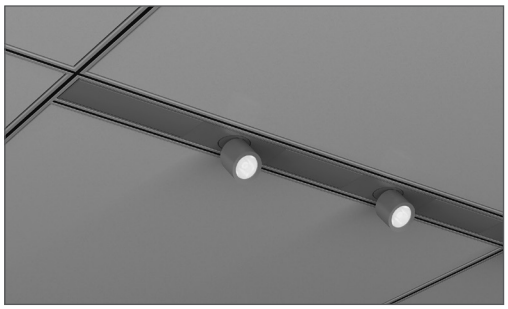
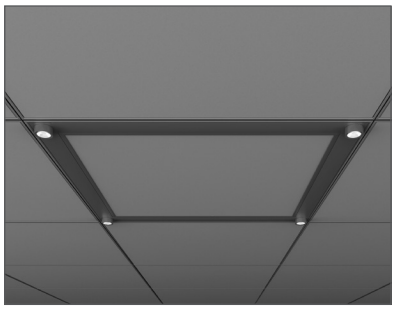
# SCULPT

## RECESSED - WITH ACCENT OPTION ONLY



Linear option shown

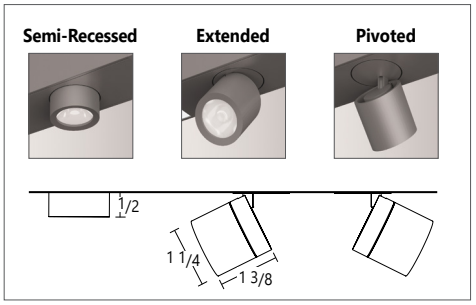


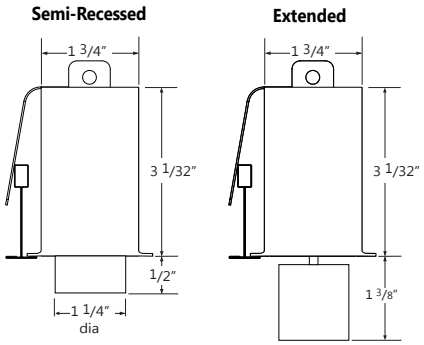
Kit option shown

**Project** _____

**Type** _____

**Notes** _____




### PERFORMANCE

| Beam Spread | 24° | 36° | 60° |
|---|---|---|---|
| CBCP | 2287 cd | 796 cd | 446 cd |

GEOMETRIC LIGHTING

StepLens

LED BOARD & DRIVER 5 YEAR LUMINAIRE WARRANTY

## Ordering Guide

**A configuration drawing is required**

See page 7

**SCRAC**

| PRODUCT ID | | ACCENT QTY | | BEAM | | SHIELDING (OPTIONAL | | DRIVER | |
|---|---|---|---|---|---|---|---|---|---|
| **SCRAC** | Sculpt Recessed with Accent LED | **AC(#)** | Accent quantity | **D24** | 24 deg | **HX** | hexcell | **DP** | dimming (0-10V) 1% |
| | | | | **D36** | 36 deg | | | | |
| | | | | **D60** | 60 deg | | | | |
| | | | | All Accents on a module will have the same beam spread. Final beam spread arrangements will be specified on shop drawings. | | 1/8" extended insert | | | |

| CHANNEL COVER | | CRI | | COLOR TEMP. | | LINEAR LENGTH or CEILING KIT (select one) | | | | FINISH | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CC** | with channel cover | **80** | 80 CRI | **27** | 2700 K | **2** | 2' | **L** | L shape 2' (1) | **AP** | aluminum paint |
| **WCC** | without channel cover* | **90** | 90 CRI | **30** | 3000 K | **3** | 3' | **U** | U shape 2' (1) | **W** | white |
| | | | | **35** | 3500 K | **4** | 4' | **2x2** | 2'x2' (1) | **BLK** | black |
| | | | | **40** | 4000 K | **6** | 6' | **2x4** | 2'x4' (1) | | |
| | | | | | | **8** | 8' | **2x6** | 2'x6' (1) | | |
| | | | | | | **12** | 12' | **2x8** | 2'x8' (1) | | |
| | | | | | | **S#** | System Run | **2x10** | 2'x10' (1) | | |
| | | | | | | | | **2x12** | 2'x12' (1) | | |
| | | | | | | | | **4x4** | 4'x4' (1) | | |
| | | | | | | | | **K(#)** | Other kits (1) | | |
| Available with or without channel cover; See page 2 for more details<br>* Fixture comes in black only | | | | | | (1) Available as kit;<br>Sculpt accommodates any length.<br>Metric lengths also available, please consult factory. | | | | | |

| VOLTAGE | | CIRCUITS | | MOUNTING/SUSPENSION | | | | CUSTOM (OPTIONAL) | |
|---|---|---|---|---|---|---|---|---|---|
| **120** | 120 V | **1** | 1 circuit | **MFTB9** | MiniFlange t-bar 9/16" (2) | **ST** | screw slot t-bar | **C** | custom |
| **277** | 277 V | | | **MFTB15** | MiniFlange t-bar 15/16" (2) | **TG9** | tegular 9/16" | | |
| **347** | 347 V | | | **MFST** | MiniFlange screw slot t-bar (2) | **TG15** | tegular 15/16" | | |
| **UNV** | universal | | | **MFTG9** | MiniFlange 9/16" t-tegular (2) | **DF** | drywall flange | | |
| | | | | **MFTG15** | MiniFlange 15/16" t-tegular (2) | **D** | drywall flangeless | | |
| | | | | **TB9** | t-bar 9/16" | **DB** | slip-through bracket | | |
| | | | | **TB15** | t-bar 15/16" | **DS** | drywall spackle flange | | |
| | | | | (2) Must select from these options when ordering kits.<br>See page 3 for more details | | | | Please specify | |



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## 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 3.0-step MacAdam ellipse). |
| **LED life** | Minimum 50,000h with 70% of lumen maintenance in 25ºC ambient temperature, in compliance with IES LM-80 testing measurements. |
| **Thermal Management** | Aluminum housing acting as the heat sink to maximize life. |

## CONSTRUCTION

| | |
|---|---|
| **Housing** | Extruded aluminum (0.080'' nominal) up to |
| **End Cap** | Die cast aluminum |
| **Interior Brackets** | Die formed sheet steel (20 gauge) |
| **Hanger** | Die cast aluminum |
| **Suspension** | Sliding aircraft cable along product length |
| **Cable Grips** | Quick connecting / release |

## ELECTRICAL

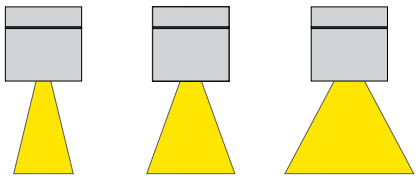
**Input Voltage** 120V, 277V, UNV.

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

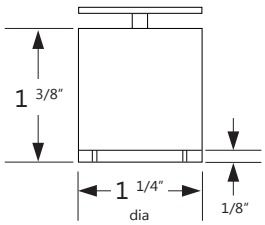
## WARRANTY

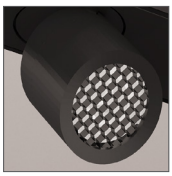
Axis lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

## BEAM SPREADS




## HEXCELL SHIELDING OPTIONS



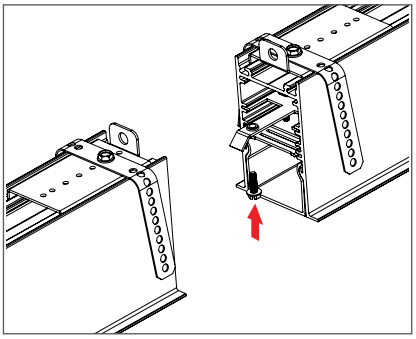
## WEIGHT

| | |
|---|---|
| **4 ft** | 8 lbs / 3.6 kg |
| **8 ft** | 16 lbs / 7.3 kg |
| **12 ft** | 24 lbs / 10.9 kg |

## JOINERS

In order to allow very long runs of SCULPT luminaires, Axis has developed an effective joining system.
Special care has been taken to maximize the performance of the joiner for each SCULPT option.

**NOTE:** Mount each system segment individually.
Do not assemble system prior to mounting.



Allow a minimum of 6" between end of long runs and vertical wall

## APPROVALS

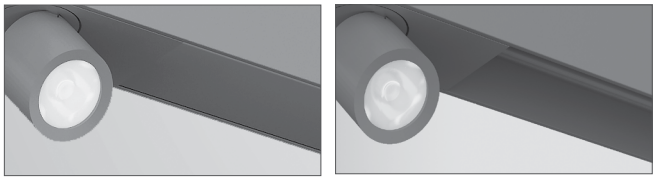
Certified to UL and CUL standards
Suitable for damp locations.

## SYSTEM (S#)

SCULPT linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs.
Lengths of 4', 8', 12' as well as custom lengths are available.
Runs of SCULPT that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the SCULPT installation sheets available for download at www.axislighting.com.

## FINISHES

## CHANNEL COVER OPTIONS



With channel cover | Without channel cover

SAFETY NOTE

Although Accent lamps operate at cooler temperatures than halogen lamps, it is recommended that gloves be worn when adjusting Accents that have been energized.

***Patent Number: 9416535 B1**



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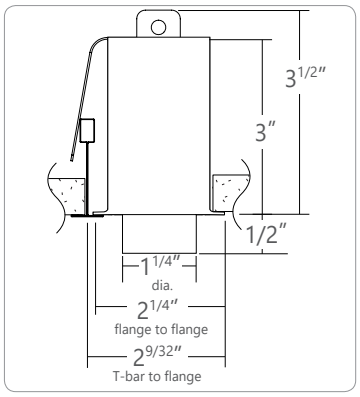
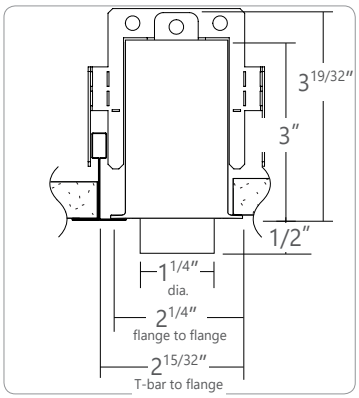
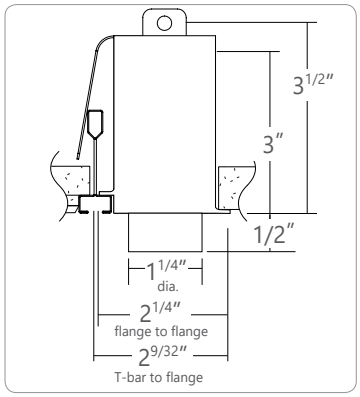
## KIT AND LINEAR - WITH INTEGRATED



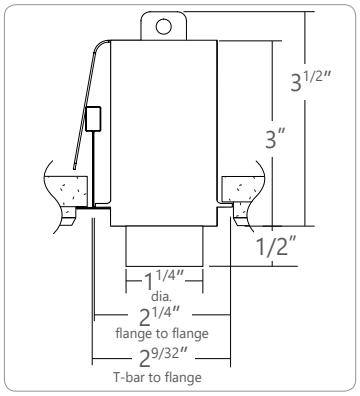

**MFTB9** MiniFlange 9/16" T-BAR



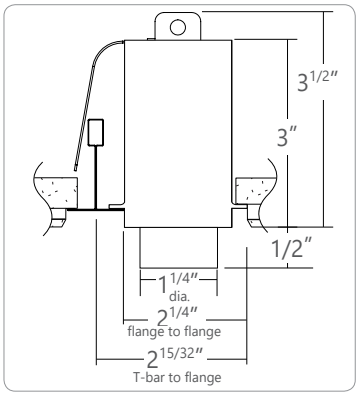

**MFTB15** MiniFlange 15/16" T-BAR



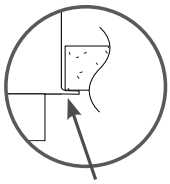

**MFST** MiniFlange SCREW SLOT T-BAR




**MFTG9** MiniFlange 9/16" T-TEGULAR



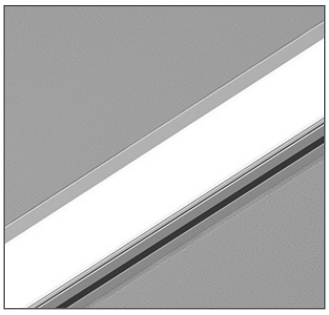

**MFTG15** MiniFlange 15/16" TEGULAR




## Integrated MiniFlange (patent pending)

When installed along T-bars in acoustic ceilings, the Integrated MiniFlange supports adjacent ceiling tiles. At the same time, it **eliminates the need for a second T-bar.** This feature comes standard on Sculpt Recessed.

- Fewer materials needed and less labor.
- Conceals ceiling tile cutline for a cleaner appearance.
- Simplifies drawings and trade coordination.
- Available in different T-bar profiles.

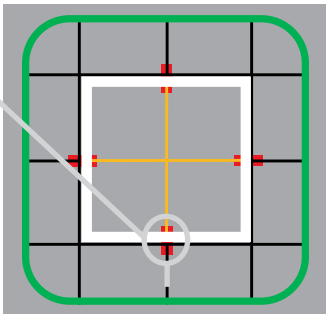


*With Integrated MiniFlange*

## The T-Aligner™ (patent pending)

*T-Aligners are installed where T-bars intersect the luminaire or ceiling kit.*

- Foolproof solution for a perfectly aligned ceiling grid.
- Connects cut T-bars on either side of a Sculpt luminaire or ceiling kit.
- No need to specify – Comes standard with Sculpt Recessed.
- Compatible with all T-bar profiles including slot and Tegular (9/16" and 15/16").



*View from above ceiling*



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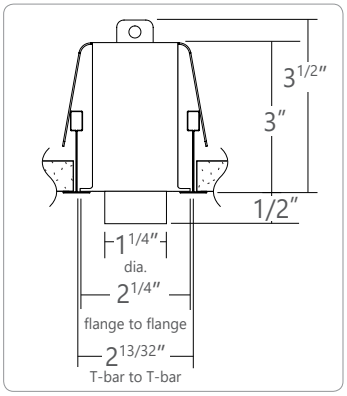
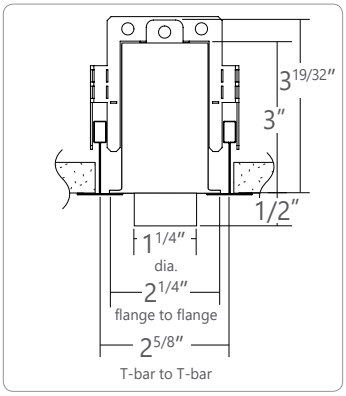
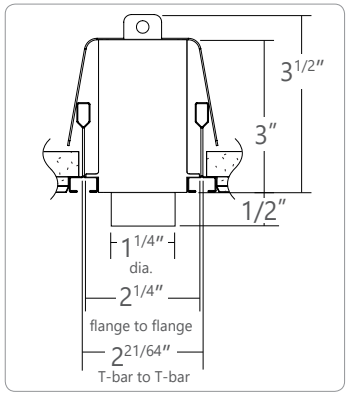
## STANDARD T-BAR CEILING MOUNTING OPTIONS



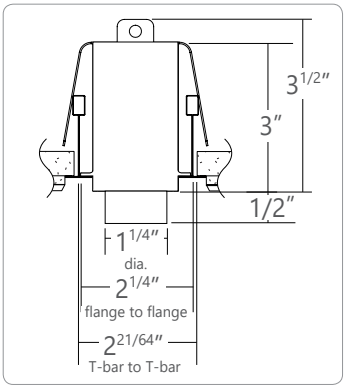

**TB9** 9/16" T-BAR



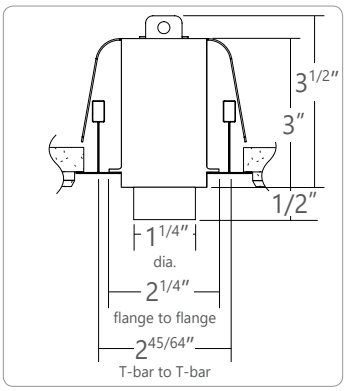

**TB15** 15/16" T-BAR




**ST** SCREW SLOT T-BAR

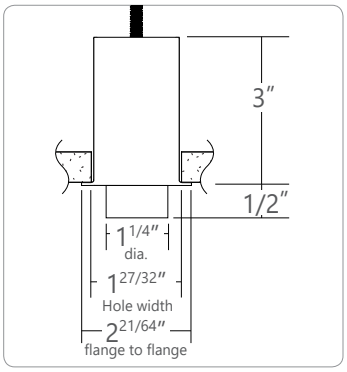



**TG9** 9/16" T-TEGULAR

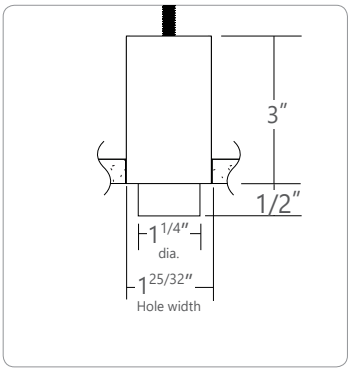



**TG15** 15/16" TEGULAR

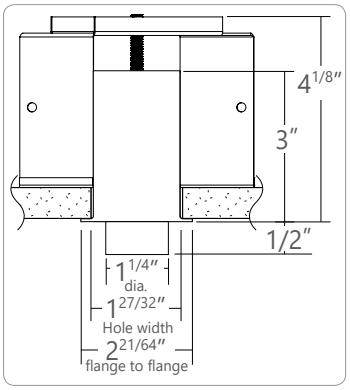
## DRYWALL CEILING MOUNTING OPTIONS



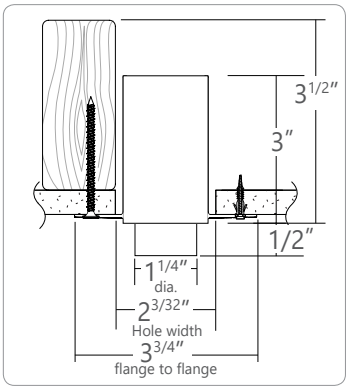

**DF** VISIBLE FLANGES WITH 1/4-20 STUD MOUNTING




**D** FLANGELESS WITH 1/4-20 STUD MOUNTING




**DB** SLIP-THROUGH BRACKET




**DS** DRYWALL SPACKLE FLANGE



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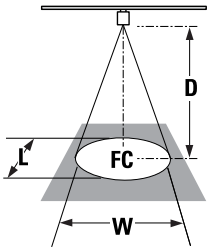
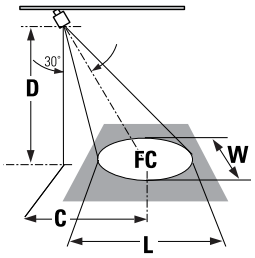
## ● PHOTOMETRIC DATA FOR ACCENT

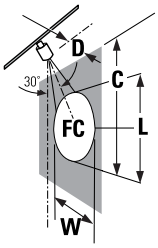
L = Beam Length
W = Beam Width
D = Distance
C = Distance to Center Beam
A = Aiming Angle
FC = Foot Candle



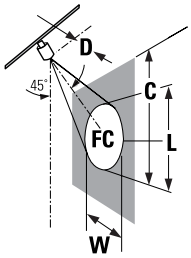

**0° horizontal aiming angle**



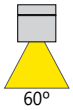

**30° horizontal aiming angle**




**30° vertical aiming angle**




**45° vertical aiming angle**

| Beam Spread | CBCP | Rated Life (hrs.) | D | C | FC | L | W | D | C | FC | L | W | D | C | FC | L | W | D | C | FC | L | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24° | 2287 cd | 50,000 L70 | 5' | 0 | 83 | 2.1' | 2.1' | 2' | 2.8' | 54 | 2.9' | 2.4' | 2' | 3.4' | 67 | 3.9' | 1.6' | 2' | 2' | 185 | 1.7' | 1.1' |
| | | | 6' | 0 | 57 | 2.5' | 2.5' | 3' | 3.4' | 37 | 3.4' | 2.9' | 3' | 5.1' | 29 | 5.8' | 2.5' | 3' | 3' | 80 | 2.6' | 1.7' |
| | | | 7' | 0 | 42 | 2.9' | 2.9' | 4' | 4' | 27 | 4' | 4.4' | 4' | 6.9' | 16.4 | 7.8' | 3.3' | 4' | 4' | 53 | 3.5' | 2.3' |
| | | | 8' | 0 | 32 | 3.4' | 3.4' | 5' | 4.5' | 21 | 4.6' | 3.9' | 5' | 8.5' | 11 | 9.8' | 4.2' | 5' | 5' | 28 | 4.4' | 3' |
| | | | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** |
| 36° | 796 cd | 50,000 L70 | 5' | 0 | 29 | 3.2' | 3.2' | 2' | 2.8' | 19 | 4.4' | 3.7' | 2' | 3.4' | 23 | 7.5' | 2.5' | 2' | 2' | 64 | 2.8' | 1.8' |
| | | | 6' | 0 | 20 | 3.8' | 3.8' | 3' | 3.4' | 13 | 5.3' | 4.4' | 3' | 5.3' | 10 | 11.3' | 3.8' | 3' | 3' | 28 | 4.3' | 2.7' |
| | | | 7' | 0 | 15 | 4.5' | 4.5' | 4' | 4' | 9 | 6.2' | 5.2' | 4' | 6.9' | 6 | 15.3' | 5.3' | 4' | 4' | 19 | 5.7' | 3.6' |
| | | | 8' | 0 | 11 | 5.3' | 5.3' | 5' | 4.5' | 7 | 7.3' | 6' | 5' | 8.5' | 4 | 19' | 6.5' | 5' | 5' | 10 | 4.9' | 4.5' |
| | | | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** | **D** | **C** | **FC** | **L** | **W** |
|  60° | 446 cd | 50,000 L70 | 5' | 0 | 16 | 5.7' | 5.7' | 2' | 2.8' | 11 | 8.5' | 6.6' | 2' | 3.4' | 13 | | 4.5' | 2' | 2' | 36 | 6.9' | 3.4' |
| | | | 6' | 0 | 11 | 6.9' | 6.9' | 3' | 3.4' | 7 | 10.3' | 7.9' | 3' | 5.3' | 6 | | 6.9' | 3' | 3' | 16 | 10.3' | 4.8' |
| | | | 7' | 0 | 8 | 8' | 8' | 4' | 4' | 5 | 12' | 9.3' | 4' | 6.9' | 3 | | 9.2' | 4' | 4' | 11 | 13.8' | 6.5' |
| | | | 8' | 0 | 6 | 9.7' | 9.7' | 5' | 4.5' | 4 | 13.8' | 10.6' | 5' | 8.5' | 2 | | 11.5' | 5' | 5' | 6 | 17' | 8' |



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***IMPORTANT – All configurations must be submitted with drawings indicating dimensions and spacing.***



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