



T1 - Clip

T2 - Slot

T3 - Snap

T4 - Suspend

APPLICATIONS >

ASCEN-Ti™ Illuminated T-Bar
Ascen-Ti™ seamlessly integrates recessed linear lighting into an architectural suspended ceiling. Completely *replace* the T-Bar with beautiful LED illumination. With infinite design capability to form lines, patterns or unusual shapes in a grid ceiling, Ascen-Ti™ is just...
Simply. Brilliant.

MOUNTING > Designed for ease of installation in most standard grid ceilings. Four mounting types available...

- **T1 / CLIP:** Cross-Ti replacement. Attach directly to a main or cross-Ti.
- **T2 / SLOT:** Cross-Ti replacement for Armstrong ceiling. Attach directly to a main or cross-Ti.
- **T3 / SNAP:** Multi-use recessed design capability for narrow openings in numerous positions, including diagonal within the grid (custom longer length, contact factory).
- **T4 / SUSPEND:** Suspend from any ceiling via aircraft cable for seamless product integration.

LED > VIVIO™ LED Photon Series offers the latest LED technology, always at 90+ CRI or higher. Kelvin temperatures range from 2400°K to 5000°K.

Choose:

Standard 90+ CRI LEDs.

AscendLED™ for even higher CRI with more wattage/CCT choices.

Circadian-Safe™ patented Violet chip emission to achieve the highest CRI available.

RGBWW (5-in-1 Red-Green-Blue-Double White) provides two additional white LEDs, one warm and one cool, achieving a wider color spectrum.

Ascen-Ti's Circadian-Safe™ Tunable White option allows precise color temperature control in an effort to safely maintain our natural circadian rhythm.

WATTAGES > Varies by LED selection

Standard Product (single CCT "35K" or "50K")	AscendLED™ and Circadian-Safe™
4ft Standard 3.3 Watts/LF · 1760 lumens	4.4 Watts/LF (Single CCT AscendLED™, Circadian-Safe™ or Tunable)
2ft Standard 6.2 Watts/LF · 1280 lumens	6.5 Watts/LF (Single CCT AscendLED™ or Tunable) 8.5 Watts/LF (RGBWW)

CONSTRUCTION > Low-profile, light-weight anodized aluminum housing for ease of installation. Opal diffuser. All electrical components are installed, wired and 100% tested prior to shipping.

RATED > UL. CSA. Dry/Damp Location.

WARRANTY > 3 years.

Type: Qty: Project:

AT- ASCEN-Ti™ Illuminated T-Bar

Mounting Type

T1	Clip
T2	Slot
T3	Snap (contact factory)
T4	Suspend

Length (Nominal, final length subject to grid type.)

2	2ft
2D	2ft diagonal (Snap only, contact factory)
4	4ft
4L	4ft split (2ft illuminated + 2ft non-lit, contact factory)
C__	Custom (contact factory)

Diffuser

W	Opal White Acrylic Diffuser
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Color Temperature

35K	3500°K Standard
50K	5000°K Standard
24A	2400°K AscendLED™
27A	2700°K AscendLED™
30A	3000°K AscendLED™
35A	3500°K AscendLED™
40A	4000°K AscendLED™
50A	5000°K AscendLED™
24CS	2400°K Circadian-Safe™
27CS	2700°K Circadian-Safe™
32CS	3200°K Circadian-Safe™
40CS	4000°K Circadian-Safe™
RWW	RGBWW (5-in-1 Red-Green-Blue-Warm White-Cool White)
TW	Tunable White AscendLED™ (27K- 50K)
TCS	Tunable White Circadian-Safe™ (18CS-30CS)
CK	Custom Kelvin (contact factory)

Output

3.3W	Applicable to Standard LED CCTs: 3.3 Watts/LF (4ft Standard single CCT only ("35K" or "50K"))
6.2W	6.2 Watts/LF (2ft Standard single CCT only ("35K" or "50K"))

4.4W	Applicable to AscendLED™ or Circadian Safe™: 4.4 Watts/LF ("A" or "CS" single CCT, or Tunable)
6.5W	6.5 Watts/LF ("A" single CCT or Tunable)
8.5W	8.5 Watts/LF (RGBWW only)
C	Custom wattage (contact factory)

Voltage

1	120V
2	277V
U	120V - 277V

Dimming

N	Non-Dimmable
Z	0-10V Dimming
T	TRIAC Dimming
DA	Dali Dimming

Grid Ceiling

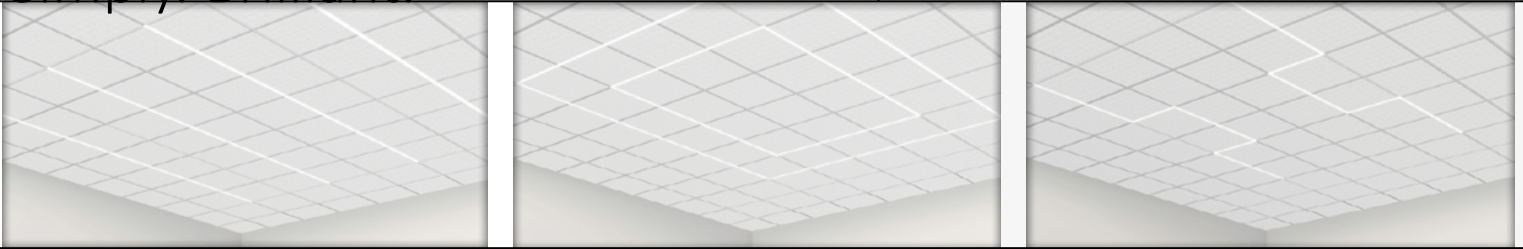
G1	15/16"
G5	9/16" (contact factory)
GS5	9/16" Slot (contact factory)
G1C	15/16" Concealed Grid (contact factory)
AG__	Armstrong Grid (specify ceiling style, contact factory)

Housing Color

AL	Natural Aluminum (standard)
WH	White
BK	Black
CC	Custom RAL color (consult factory)



Simply. Brilliant.



ASCEN-Ti™

Beautiful and simple LED illumination through T-Bar integration.

EASY INSTALL >

Abandon the installation-hassle of bulky and labor-intensive linear extrusions. Just CLIP-IT and GO!

COST EFFICIENT >

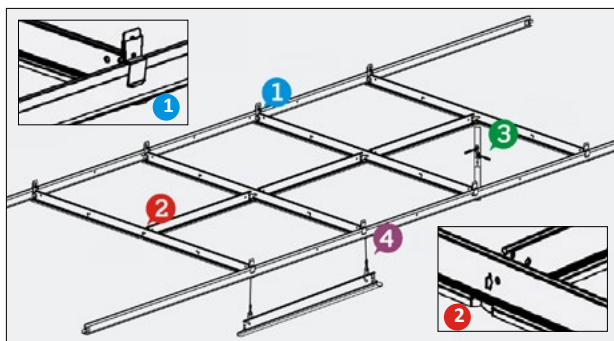
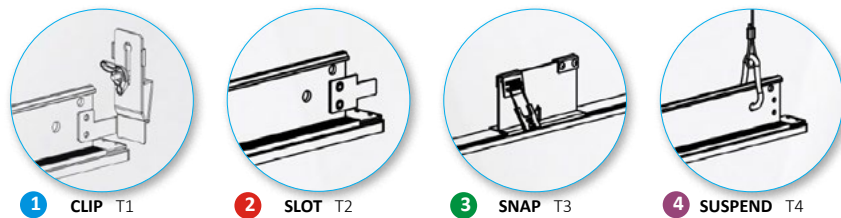
Effective illumination without the added expense of traditional linear profiles.

DESIGN-FRIENDLY >

Achieve infinite design capability with this minimalistic, elegant luminaire.

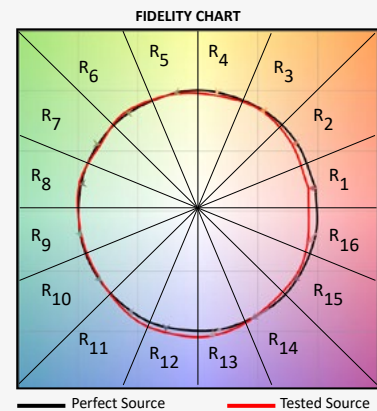
APPLICATIONS >

Office, Retail, Restaurant, Hospitality, Airport, Corridor, Lobby, Conference Room, Entertainment Venues.



Correlated Color Temperature (CCT)

Standard LED	Spec	Rf	Rg	CRI	2ft	4ft
					Lumens	Lumens
5000°K	50K			90+	1280	1760
AscendLED™						
2400°K	24A	81	89	93	630	1260
2700°K	27A	83	89	95	657	1314
3000°K	30A	85	89	97	765	1530
4000°K	40A	84	91	98	873	1746
Circadian-Safe™ Vivio™ Series						
2400°K	24CS	85	91	96	351	702
2700°K	27CS	86	88	98	387	774
3200°K	32CS	87	89	98	441	882
4000°K	40CS	86	89	97	495	990



The fidelity chart displays all the color sections R₁ thru R₁₆ on a range of 0 to 100, with 100 representing perfect color rendering.

The circle = perfect light source.

Fidelity (R_f) is how close a test source's color is to the true color rendering of the circle.

Saturation (gamut, chroma, R_g) is how far the color shifts away from the perfect source/circle. Inside the circle = desaturation. Outside the circle = saturation.

Color Performance for a Circadian-Safe™ 2700°K, per foot, no diffuser:

Fidelity (R _f)	96
Saturation (R _g)	98
CRI (R _a)	98