AIRELIGHT LINEAR2 SC 1.0 CHANNEL
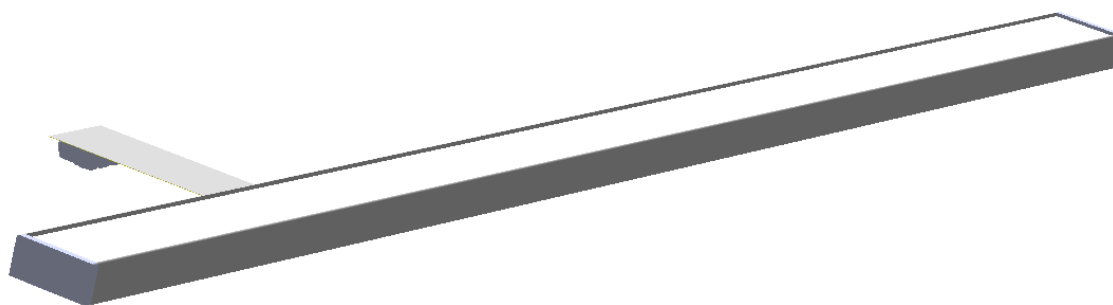
DESCRIPTION

The Airelight Linear2 SC 1.0 Channel provides a robust solution for surface mounted lighting applications on 15/16" TBAR systems. Also compatiple with 9/16" TBAR (See page 2). Designed to maintain the Airelight™ luminaires' slim profile look, the aluminum profile serves as a compact housing and provides designers with 2 - 8' standalone fixture options. The magnetic alignment clips on each Airelight Linear2 SC 1.0 Channel simply align and lock into place, providing for an easy installation and a secure attachment to the T-Bar.

SPECIFICATIONS

Description	Airelight Linear SC 1.0 w/ Anodized Aluminum housing (15/16" TBAR)
Color	Light Grey, Black, (Custom colors available with surcharge)
Dimensions	1.03" x 0.42" (W x H)
Length	2' - 8'
Power Consumption	7.2W per foot
Lumens Per Foot	714 @ 5000K / 653 @ 4000K / 638 @ 3500K / 619 @ 3000K / 581 @ 2700K
Efficacy (lms/W)	99 @ 5000K / 91 @ 4000K / 89 @ 3500K / 85 @ 3000K / 80 @ 2700K
CRI	90+ , 80+(5000K CCT)
Interconnect/Cabling	Reinforced flex cabling to plenum: Brings luminaire connection above the grid Plenum Rated / 2POLE PUSHWIRE CONN(16-12AWG)
Warranty	5 Years
Certifications	c(UL)us LISTED Red List Free Declare.

PRODUCT CODE

Product Line		Width		Length		CCT		CRI		Finish	
AL2C	-	**1.0**	-	**6'**	-	**35K**	-	**90+**	-	**BK**	
Airelight Linear2 SC Channel		1.0"		2'-8'		27K 30K 35K 40K 50K		90+ 80+(50K)		BK AL WT RAL#	Black Clear Anodized White RAL#

POWER SUPPLY SELECTION

Airelight luminaires require an external DC power supply for operation. Identify total system wattage needed. Order the type and quantity of Class 2, 24VDC Power Supply(s) that meets your requirement.

Power Supply Calculation
Linear Feet Required x Power Consumption (6.0W) = Total System Wattage

e.g. : 12ft x 7.2W = 86.4W (See Table A)

POWER SUPPLY COMPATIBILITY FOR AIRELIGHT® SYSTEM

Total System Wattage	Compatible Power Supply
< 60W	SKU# 62569
< 100W	SKU# 97422
<200W	SKU# 84035

Table A

POWER SUPPLIES

SKU#	Description
84035	Amperor 2X 100W, 24V, 0-10V Dimmable, Class 2, LED Driver
97422	Amperor 100W, 24V, 0-10V Dimmable, Class 2, LED Driver
62569	Amperor 60W, 24V, 0-10V Dimmable, Class 2, LED Driver
59967	Amperor 5W, APP-5WL, Emergency LED Driver
58917	Amperor 10.7W, APP-10.7WL, Emergency LED Driver

CONTROLS (COMPATIBLE WITH MOST LIGHTING CONTROL SYSTEMS VIA 0-10V)

38389	Illumra Wireless Dimmer 20A #E9X-DUV-10VTP		25251	Illumra Dual Rocker Switch #E9T-S2AWH
35129	Illumra Wireless Dimmer 5A #E9X-DUV-10VTP-FX			
83374	Illumra Single Rocker Switch #E9T-S1AWH			

(*)Airelight Luminaires are compatible w/most lighting control systems from Lutron, Hubbel, etc. via 0-10V. For installations that require a wireless interface, the above options are available.
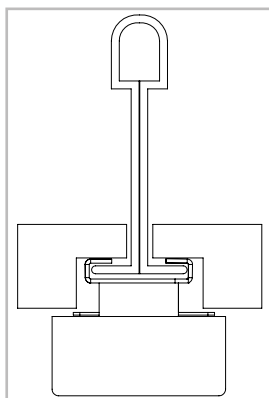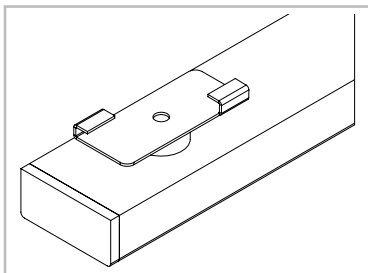
Airelight™ LED Ceramic Luminaires

C1 Tegular Panel (9/16")
*aligns 1.0 Linear2 SC Channel to 9/16" TBAR
w/ Spacer for Tegular Ceiling Tiles
*Available Lengths: 2, 4, 6, 8'

TBAR Swivel Connector (9/16")

1/4" Panel Depth (Square Tegular Ceiling Tiles)
Silhouette XL 9/16" Bolt Slot - 1/8" Reveal
CertainTeed EZ Stab Bolt Slot System - 1/8"
USG DONN Brand Fineline 1/8 DXFF 9/16"
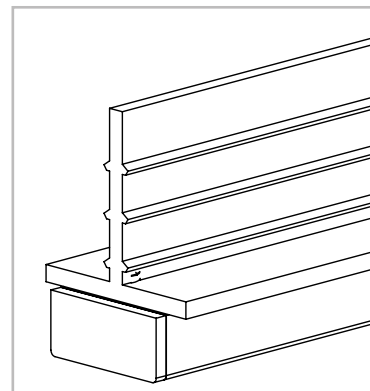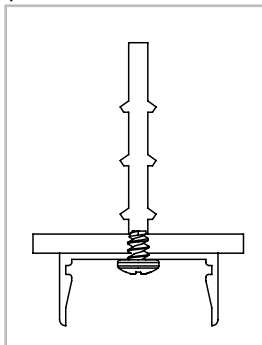*inquire about other compatible 9/16th t-bar systems

C2 Gridlock TBAR
*aligns 1.0 Linear2 SC Channel to Gridlock TBAR
*#6 blunted (3/16") SS screw(s) provided
*Available Lengths: 2, 4, 6, 8'

Drill 3/32"(2.5mm)
pilot hole into TBAR

1/4" Panel Depth (Square Ceiling Tiles)
Gridlock Fiberglass TBAR