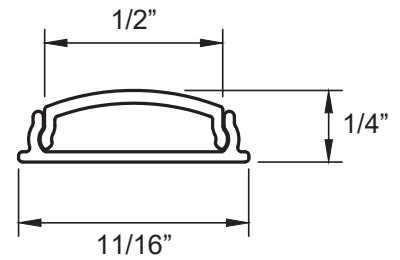
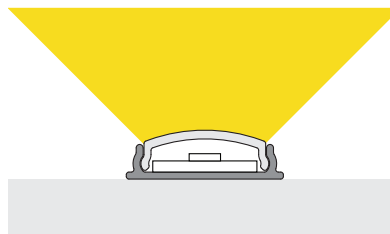




TYPE	LOCATION
PART NUMBER	PROJECT NAME

Inspire Bendable Channel

Surface Mount Aluminum Channel



Specifications

Mounting Type	Surface Mount
Construction	Aluminum
Channel Color	Anodized Aluminum
Tightest Bend Diameter	24"
Lens Types	Frosted
Lens Construction	UV-Coated Polycarbonate
Environment	Indoor
Warranty	5-year Limited

Ordering Information

Item	Description	Part Number
Channel Kit	Unassembled kit that includes a 6' 6" channel, lens, end caps, and mounting clips.	CH1-KIT-BND-2M
Custom Channel	Custom channel cut to a custom length (sold by the foot). Includes the channel, lens, end caps, and mounting clips.	CH1-BND-CUSTOM

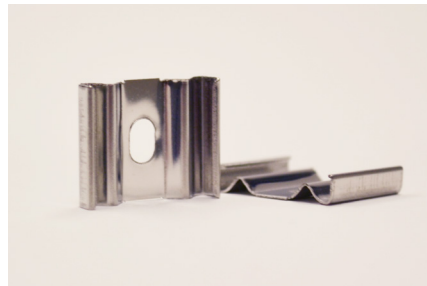
Channel Accessories



End Caps

Extra set of end caps. Installs onto the ends of the channel. QTY 2.

CH1-END-BND



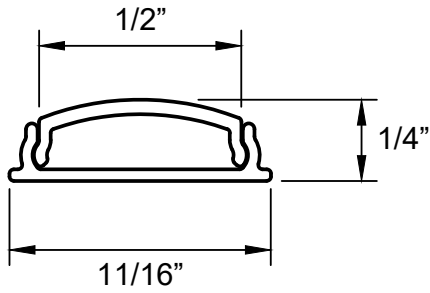
Mounting Clips

Extra set of surface mount mounting clips. QTY 8.

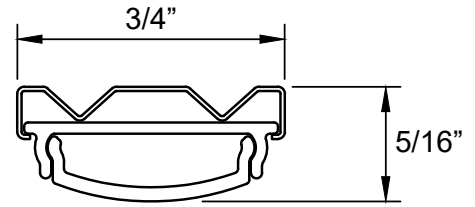
CH1-MNT-BND

Product Dimensions

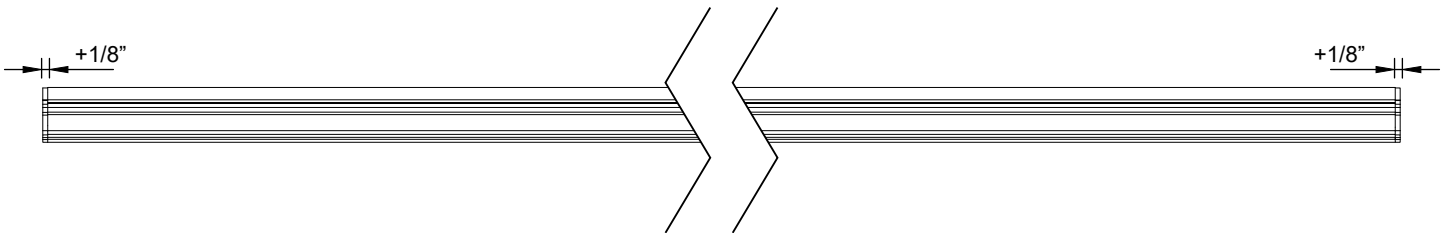
Channel Dimensions



Mounting Clip Dimensions



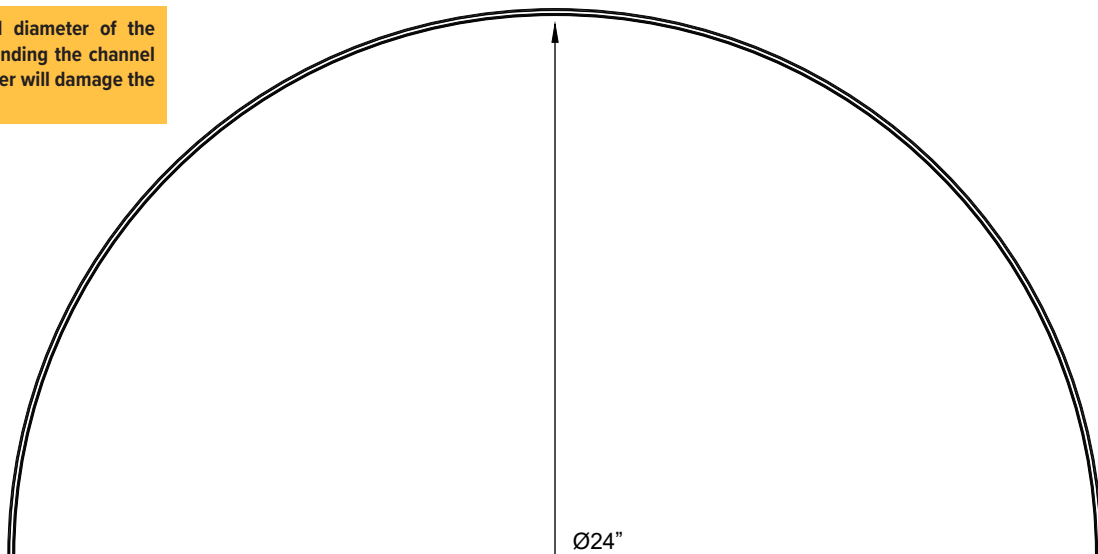
End Cap Dimensions



End caps add 1/8" to each end of the channel.

Bend Diameter Dimensions

The tightest bend diameter of the channel is 24". Bending the channel to a tighter diameter will damage the channel and lens.



LEDI // Inspire Bendable Channel Product Specifications

Lumen Output & Lens Diffusion Rates

The table below shows the lumen per foot output of compatible LED tape light inside this channel, and also how each model of LED tape light diffuses under the lens of the channel. The images below serve as a visual aid to best illustrate the different levels of diffusion.



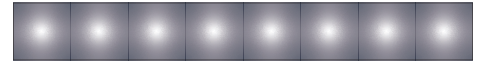
Flawless

No dotting/pixelation from LEDs



Near-Flawless

Mild dotting/pixelation from LEDs



Minimal

Heavy dotting/pixelation from LEDs

PLEASE NOTE: LED TAPE LIGHT CONNECTORS CANNOT FIT INSIDE THIS CHANNEL. SOLDERED LEAD WIRES ARE REQUIRED.

		Lumen Output (per foot)									
LED Tape Light	Diffusion Rate	4000K	3500K	3000K	2700K	2100K	1800K	RGB	RGBW	Tunable White	Warm Dim
Inspire V5 Spec 1.5	Near-Flawless	112	111	109	102	88	74	—	—	—	—
Inspire V5 Spec 2.8	Near-Flawless	173	182	170	156	140	134	—	—	—	—
Inspire V5 Spec 4.0	Near-Flawless	299	276	265	245	237	194	—	—	—	—
Inspire V5 Spec 5.0	Flawless	348	339	322	293	280	206	—	—	—	—
Inspire V5 Spec 7.5	Flawless	471	497	441	398	382	344	—	—	—	—
Inspire LightLine™ COB 1.5	Flawless	86	83	80	71	60	46	—	—	—	—
Inspire LightLine™ COB 2.8	Flawless	157	154	148	145	114	91	—	—	—	—
Inspire LightLine™ COB 5.5	Flawless	301	279	261	262	203	153	—	—	—	—
Inspire LightLine™ COB RGB	Flawless	—	—	—	—	—	—	77*	—	—	—
Inspire V5 Standard Eco	Minimal	91	90	84	82	75	58	—	—	—	—
Inspire V5 Standard Bright	Minimal	112	111	107	101	92	81	—	—	—	—
Inspire V5 Standard Super Bright	Minimal	279	265	262	228	227	199	—	—	—	—
Inspire RGB 4.0	Minimal	—	—	—	—	—	—	103*	—	—	—
Inspire RGB 6.0	Minimal	—	—	—	—	—	—	219*	—	—	—
Inspire RGBW	Minimal	—	—	—	—	—	—	—	217*	—	—
Inspire Tunable White	Minimal	—	—	—	—	—	—	—	—	336*	—
Inspire Warm Dim	Minimal	—	—	—	—	—	—	—	—	—	143*

* Max lumen output shown. Other colors vary.