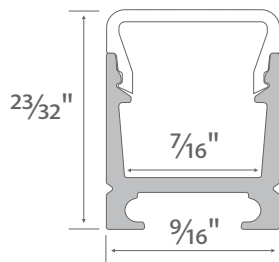# GL LED US LIGHTING

LED Aluminum Channel - SKINNY DOME

YD 1418

SKINNY DOME YD 1418 is ideal for various surface mounting of LED strip light. With megnetic nuggets, YD 1418 can be easily installed to metal surfaces. While installing, connectors can also help Skinny Dome to achieve different shapes.

Features

• Suspended mounting.
• Customizable.
• Anodized finish.
• Hotspot-free design.
• Covers and protect LED strip light.
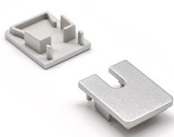• Manufactured with a patented frosted diffuser for maximum lumen output and wider beam distribution.

FIELD CUTTABLE | SURFACE MOUNT | SUSPENDED MOUNT | 5 YEAR WARRANTY

Specification

Length	94in
Internal width	0.42in
Finish	Silver
Diffuser	Milky
Material	Anodized Aluminum
Installation	Surface Mount, Suspended Mount
Accessories	End cap, Mounting clip

Dimensions: 23/32", 7/16", 9/16"

Models

Model No.	Finish Color	Diffuser Type	Dimension (L x W xH)	Application
YD-1418-AL-8-M	Silver	Milky	94x0.55x1.17in	Indoor, Outdoor

Accessories (Sold Separately)

Mounting Accessories

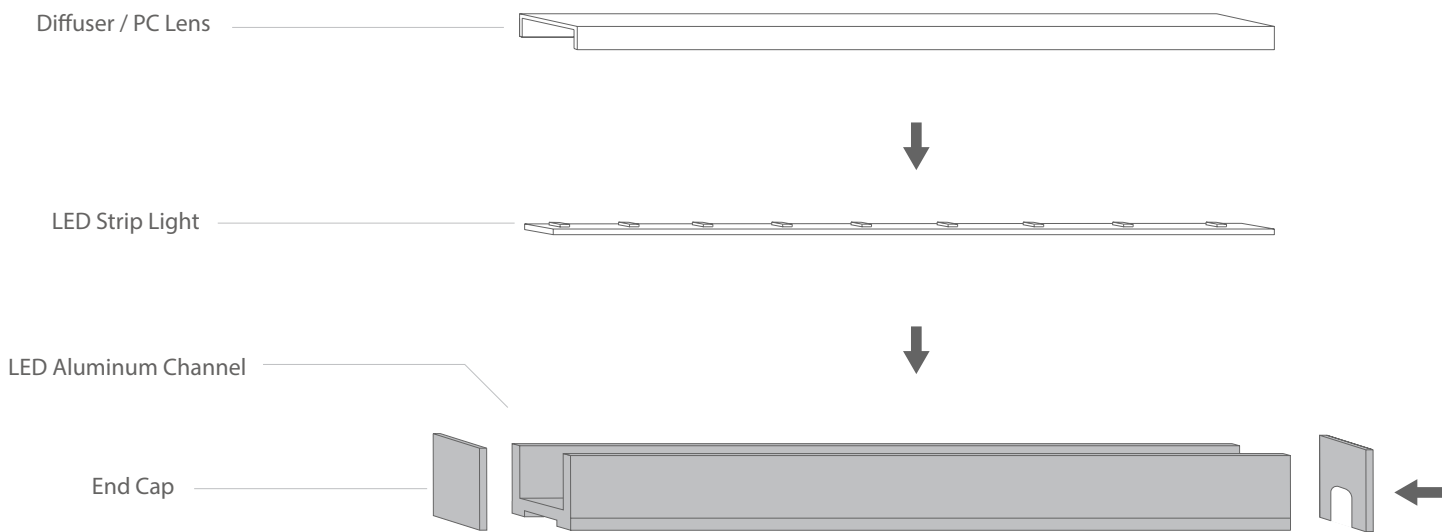| YD 1418 End Caps	YD 1418 Metal Clip	YD 2004 Plastic Clip	Aluminum Channel Suspension Kit
YD-1418-EC	**YD-1418-MC**	**YD-1418-MN**	**AL-SE-HK-YD1418**

Connecting Accessories

AL L-Shape Corner Connector - Flat
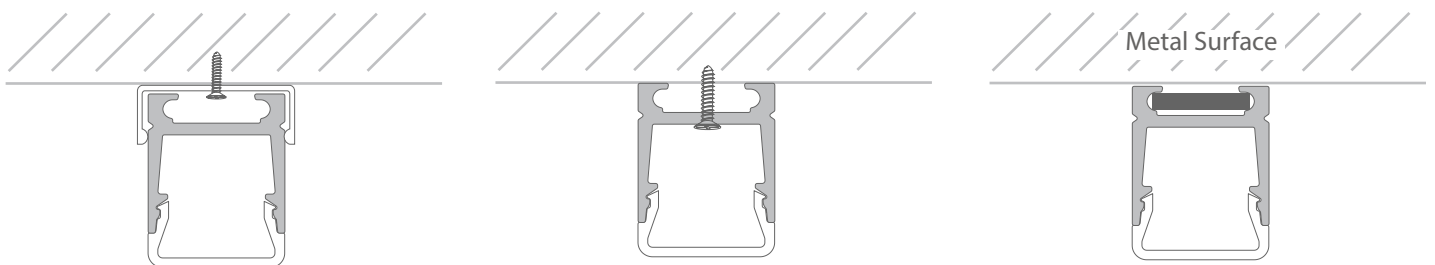**YD-FLC**

AL L-Shape Corner Connector - Vertical
YD-VTC

AL Straight Extend Connector
YD-EX

Installation Diagram

Diffuser / PC Lens

LED Strip Light

LED Aluminum Channel

End Cap

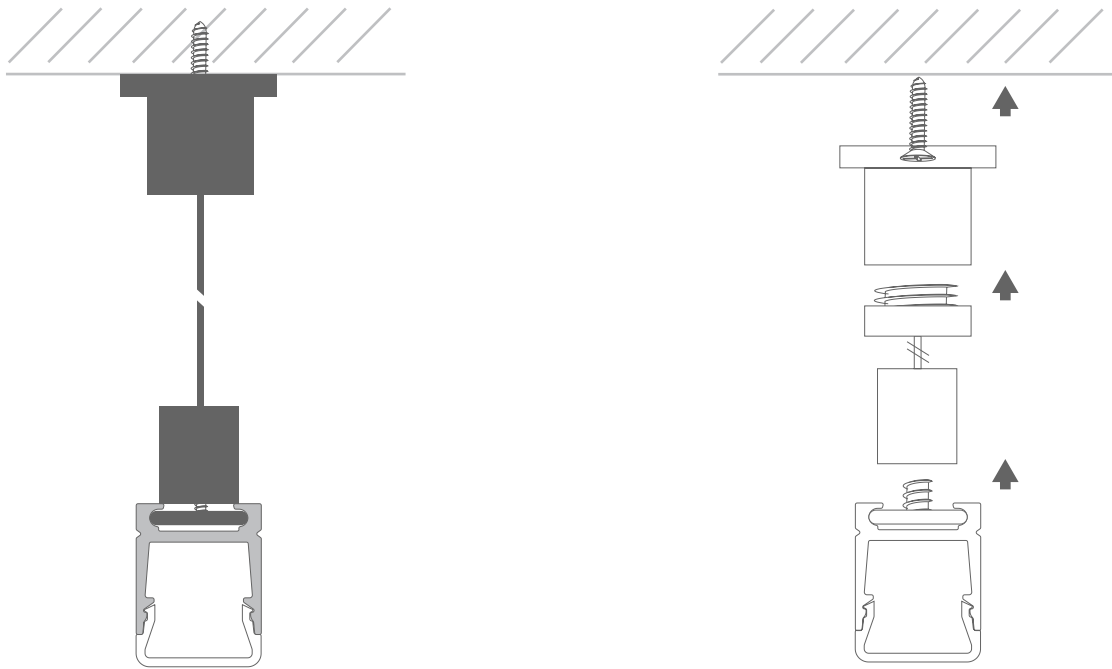## Mounting Options

Surface Mount

Surface mounting with Mounting Clips

Surface mounting with Screws

Metal Surface

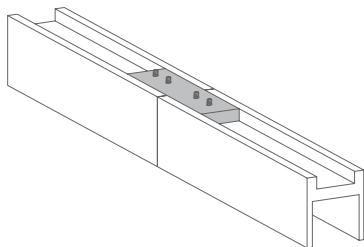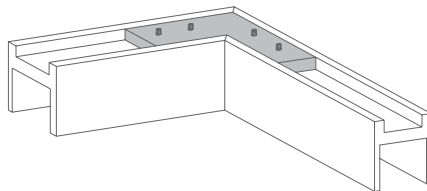Metal surface mounting with Magnetic Nugget
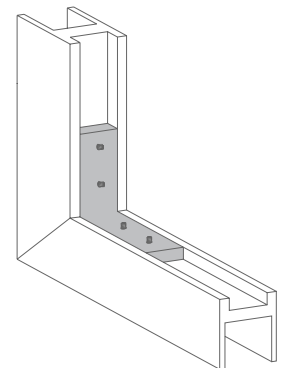
Suspended Mount

Suspended mounting withSuspension Kit

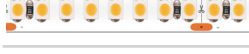## Connecting Options
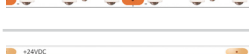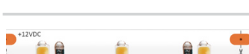

Connecting with
AL Straight Extend Connector

Connecting with
AL L-Shape Corner Connector - Flat

Connecting with
AL L-Shape Corner Connector - Vertical

Compatible LED Strip Lights

	Series	Model No.	Width	LED Quantity	Light Filling Level	Hotspots Level
	INFINITE	GL-3528-120-xxxxK-24V-IP20-CC	0.39in	34 LEDs/ft	Full	No Hotspot
	ECO	GL-3528-112-xxxxK-xxV-IPxx	0.39in	34 LEDs/ft	Full	No Hotspot
	PRO	GL-3528-240-xxxxK-24V-IPxx	0.39in	73 LEDs/ft	Full	No Hotspot
	LEGEND	GL-2835-240-xxxxK-24V-IPxx	0.39in	73 LEDs/ft	Full	No Hotspot
	NARROW	GL-3528-120-xxxxK-12V-IP20-5MM	0.2in	36 LEDs/ft	Full	No Hotspot
	COB	GL-COB-480-xxxxK-24V-IP20	0.39in	145 LEDs/ft	Full	No Hotspot
	TUNABLE WHITE	GL-2835-240-CCT-24V-IP20	0.39in	73 LEDs/ft	Full	No Hotspot
	FOR BREAD	GL-2835-60-2500K-12V-IP20-B	0.39in	18 LEDs/ft	Full	Partial Hotspot
	FOR MEAT	GL-2835-60-2900K-12V-IP67-M	0.39in	18 LEDs/ft	Full	Partial Hotspot
	RGB HIGH BRIGHT	GL-5050-60-RGB-xxV-IPxx	0.39in	18 LEDs/ft	Full	Partial Hotspot
	RGB SUPER BRIGHT	GL-3535-120-RGB-24V-IPxx	0.39in	34 LEDs/ft	Full	No Hotspot
	RGB DIGITAL	GL-5050-60-DIG-12V-IPxx	0.39in	18 LEDs/ft	Full	Partial Hotspot

Light Filling Level

Full   Partial

Hotspots Visible Level

No Hotspot   Partial Hotspot   Hotspot

Note:
We recommend to use two, or more, LED strips in a shallow channel that has internal width that is greater then .8in to prevent partial filling.

Note:
When LEDs are used with aluminum channel there may be hot spots. The more depth of a channel, and/or density of a LED, can help reduce visible hot spots