

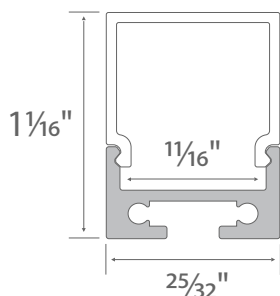
LED Aluminum Channel - SQUARE DOME YD 1604



Square Dome YD 1604 is ideal for various surface mounting of LED strip light. With suspension kit, YD 1604 can be easily installed as a suspended light fixture. While installing, connectors can also help Skinny Dome to achieve different shapes.

Features

- Surface and 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.



Specification

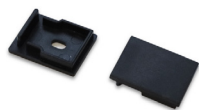
| | |
|-----------------------|--------------------------------|
| Length | 94in |
| Internal width | 0.68in |
| Finish | Black |
| Diffuser | Milky |
| Material | Anodized Aluminum |
| Installation | Surface Mount, Suspended Mount |
| Accessories | End cap, Mounting, Connecting |

Models

| Model No. | Finish Color | Diffuser Type | Dimension (L x W xH) | Application |
|----------------|--------------|---------------|----------------------|-----------------|
| YD-1604-AL-8-M | Black | Milky | 94x0.8x1.06in | Indoor, Outdoor |

Accessories (Sold Separately)

Mounting Accessories



YD 1604 End Caps
YD-1604-EC



YD 1604 Metal Clip
YD-1604-MC



YD 1604 Mounting Bracket
YD-1604-MB



Aluminum Channel Suspension Kit
AL-SE-HK-REG

Connecting Accessories



AL L-Shape Corner Connector - Flat
YD-FLC

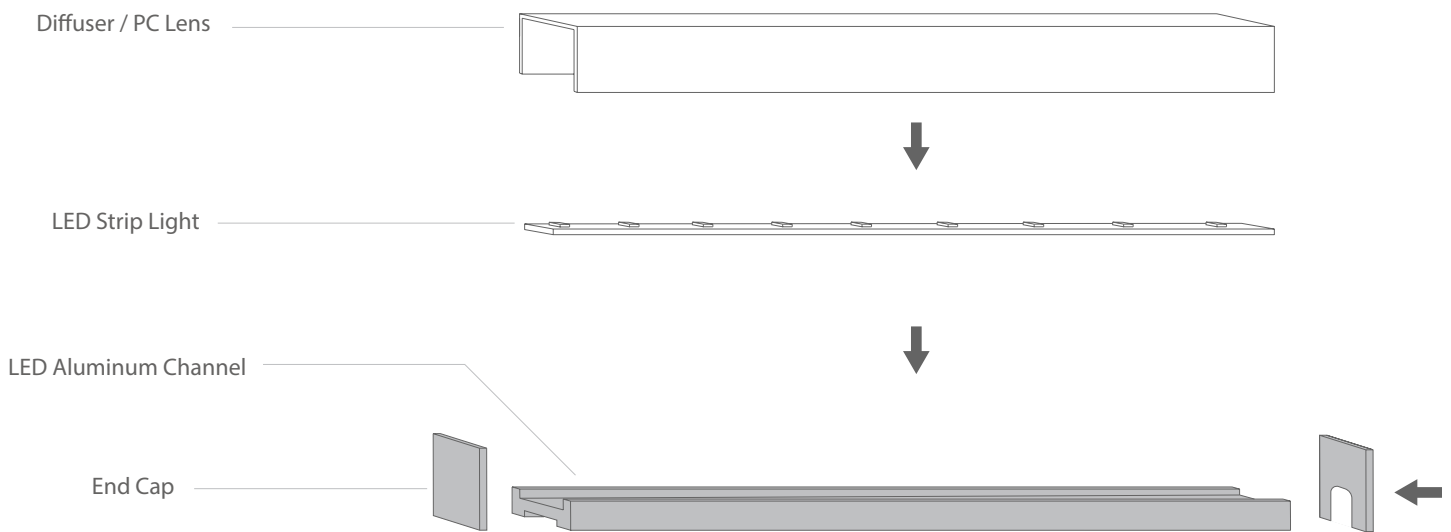


AL L-Shape Corner Connector - Vertical
YD-VTC



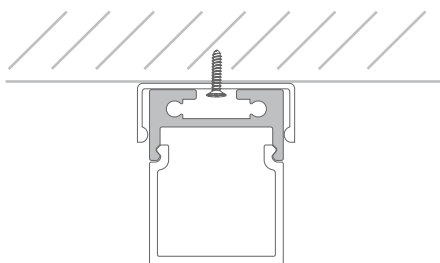
AL Straight Extend Connector
YD-EX

Installation Diagram

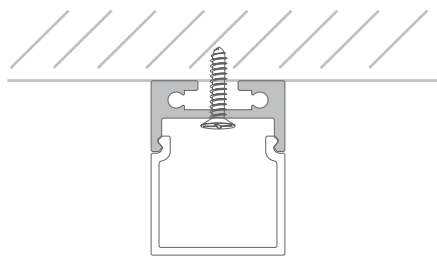


Mounting Options

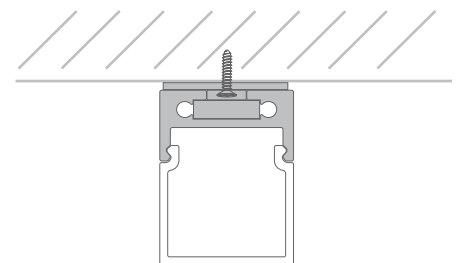
Surface Mount



Surface mounting with Mounting Clips

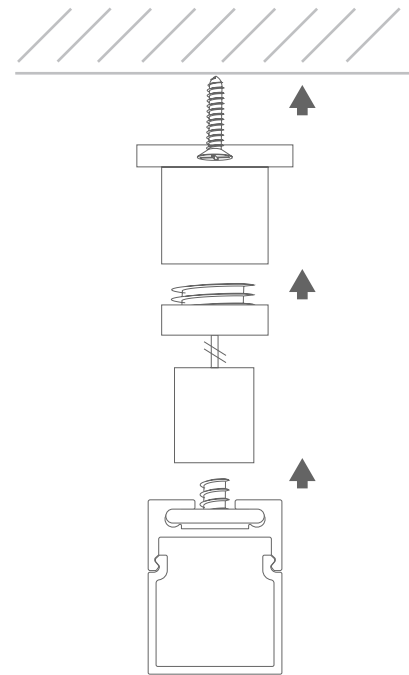
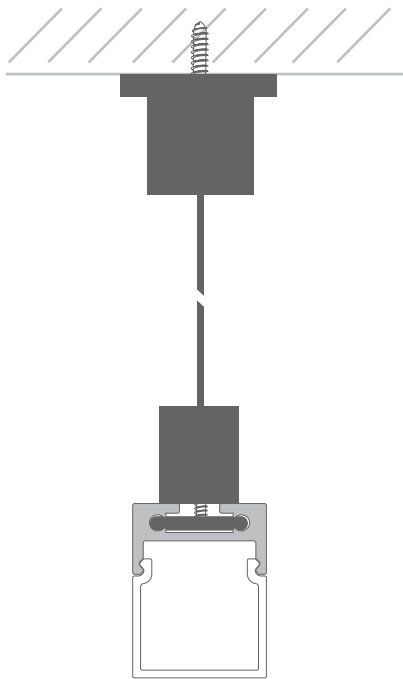


Surface mounting with Screws



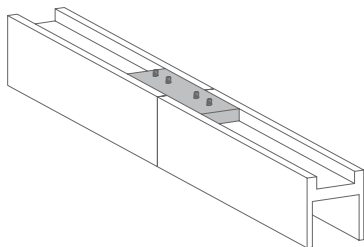
Metal surface mounting with Magnetic Nugget

Suspended Mount

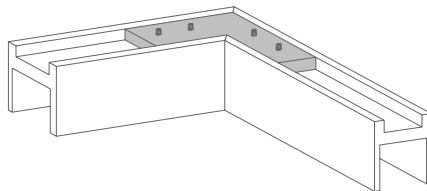


Suspended mounting with Suspension Kit

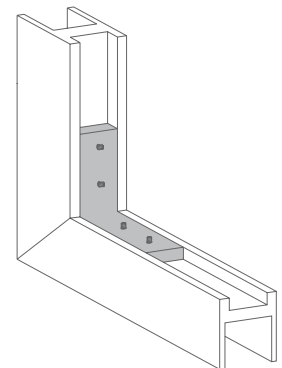
Connecting Options



Connecting with
AL Straight Extend Connector









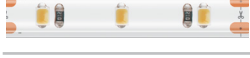






Connecting with
AL L-Shape Corner Connector - Flat



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 | No Hotspot |
|  | FOR MEAT | GL-2835-60-2900K-12V-IP67-M | 0.39in | 18 LEDs/ft | Full | No Hotspot |
|  | RGB HIGH BRIGHT | GL-5050-60-RGB-xxV-IPxx | 0.39in | 18 LEDs/ft | Full | No Hotspot |
|  | RGB SUPER BRIGHT | GL-3535-120-RGB-24V-IPxx | 0.39in | 34 LEDs/ft | Full | No Hotspot |
|  | RGBW | GL-5050-96-RGB+xxxxK-24V-IP20 | 0.47in | 29 LEDs/ft | Full | No Hotspot |
|  | RGB DIGITAL | GL-5050-60-DIG-12V-IPxx | 0.39in | 18 LEDs/ft | Full | No 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 than .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