KARNI™
A L U F A B
Absolute SEG solutions

● www.alusign.in

ABOUT US :

KarniAlufab is one of the leading manufacturers of aluminium framing profiles and textile frames for both LED-lit and non-lit SEG displays. With an experience of around 7 years, KarniAlufab has gained superior expertise for manufacturing aluminium frames, accessories, and silicone edge fabric graphics for retailers, exhibitors and corporate environments.

KarniAlufab offers a wide range of products and accessories suitable for every branding and display requirement. With detailed customization being their strength, KarniAlufab has over 28 different extrusion profiles, multiple lighting options, and comprehensive colour selections, delivering the clients exactly what they want.

The core values at KarniAlufab are innovation, quality, and integrity. KAF is committed to:

a) Manufacturing excellent quality products, using latest technology in line with the current industry requirements,

b) Delivering flawlessly finished, totally safe products in quick time with adaptable transportation policies at the most practical cost.

PROUDLY MADE IN INDIA

Aluminum Display Profile
Making Brand Right

Understanding SEG

Silicone edge graphic (SEG) is a high-resolution, UV printed graphic and dye-sublimated soft fabric, finished with a thin silicone beading sewn around its edges. The fabric fits into a narrow groove around the aluminium frame. Once inserted, the material stretches taut, giving the print a smooth, crease-free appearance. Doing away with all the limitations of rigid metal framing systems, SEGs are quickly becoming the most-preferred method of branding and advertising. Bright and bold, the graphic print stands out with dramatic contrast and colours that catch your eye.

Benefits of installing SEG framing systems :

▸ **Premium appearance**

The finished frame gives off a modern, stylish look that can elevate your brand's appeal. Also, they are suitable for signage in high-end establishments like luxury hotels, premium lounges, etc.

▸ **Economical**

The fabric costs much less than traditional vinyl material. Moreover, shipping and transportation costs are significantly reduced due to its lightweight and foldable properties.

▸ **High customization**

SEG frames can be easily designed according to the unique needs of the client.
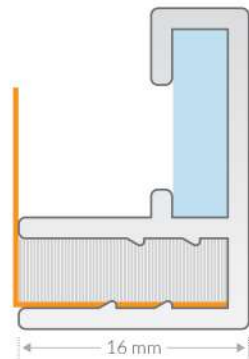
▸ **Flexibility**

Graphics can be changed easily and as many times as the client wants without unnecessary expenses.

▸ **Versatile applications**

SEGs are suitable for both indoor and outdoor environments for a variety of purposes.

K - 16S

Application

Standard	Indoor usage
Signage	Frame system, POP display
Display	Home & Offices Display, Custom Interiors, Architectural for Small space

Print Media

▸ Textile fabric media with silicon strip
▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	16 mm
Thickness	2 mm
Kg. / Mtr.	0.268
Side Options	Single Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Non - lit & LGP

16 mm

4 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic		Accessories

Application

Nonlit   Single Side   Wall Mount   LGP

K - 23S
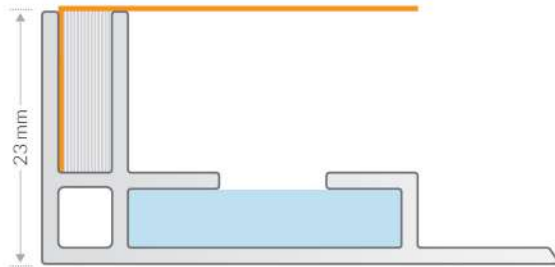
Application

Standard	Indoor Usage
Signage	Frame System, POP display
Display	Home & Offices Display, Custom Interiors, Architectural for Large space

Print Media

▸ Textile fabric media with silicon strip

▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	23 mm
Thickness	1.5 mm
Kg. / Mtr.	0.475
Side Options	Single Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Non - lit & LGP

23 mm

4 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic		Accessories

Application

Nonlit Single Side Wall Mount LGP

K - 39S
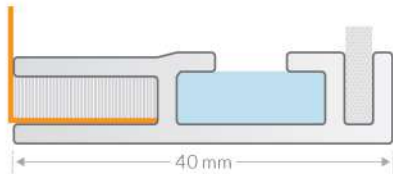
Application

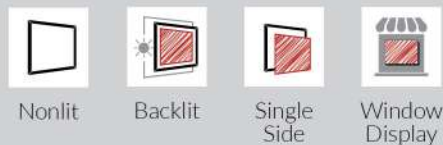| Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Environment, Kiosk Systems, Trade Shows, Customes Interiors for Cabinet

Print Media

▸ Textile fabric media with silicon strip

▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	40 mm
Thickness	2 mm
Kg. / Mtr.	0.465
Side Options	Single Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit

40 mm

4 PCS

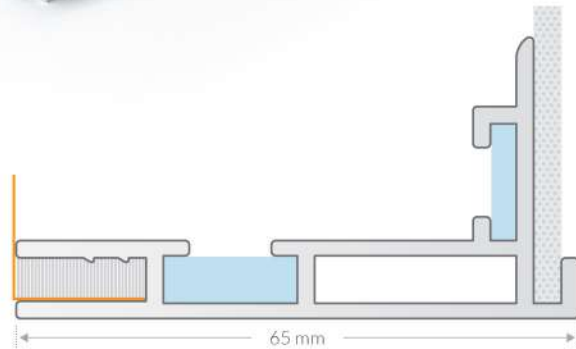| ☐ Extrusion Frame	▥ Silicon Edge	▮ Fabric Graphic
▨ Back Panel	▨ Accessories	

Application

Nonlit   Backlit   Single Side   Window Display

K - 65S

Application

Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kisok Systems, Trade Shows, Custom Interiors

Print Media

▸ Textile fabric media with silicon strip
▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	65 mm
Thickness	2 mm
Kg. / Mtr.	0.845
Side Options	Single Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge - lit

65 mm

4 PCS   4 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		

Application

Backlit | Single Side | Wall Mount | Free Standing | Suspended Display

K - 95S

Application

Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kisok Systems, Trade Shows, Custom Interiors

Print Media

▸ Textile fabric media with silicon strip
▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	95 mm
Thickness	1.5 mm
Kg. / Mtr.	0.980
Side Options	Single & Dual Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge - lit

95 mm

8 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		Block Out Fabric Graphic

Application

Backlit | Single Side | Wall Mount | Free Standing | Suspended Display

K - 100S

Application

Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kisok Systems, Trade Shows, Custom Interiors

Print Media

▸ Textile fabric media with silicon strip
▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	100 mm
Thickness	2 mm
Kg. / Mtr.	1.460
Side Options	Single Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge - lit

100 mm

4 PCS   4 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		Block Out Fabric Graphic

Application

Backlit   Single Side   Wall Mount   Free Standing   Suspended Display

K - 95D
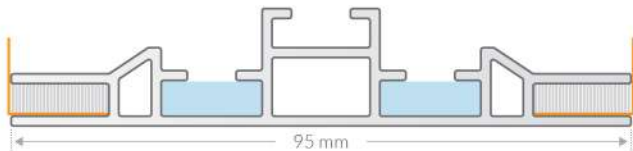
Application

Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Free Standing & Suspended Display

▸ Smaller size double side - max. 1m x any length

Print Media

▸ Textile fabric media with silicon strip
▸ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	95 mm
Thickness	1.5 mm
Kg. / Mtr.	0.990
Side Options	Double Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	LED Edge - lit

95 mm

■ Extrusion Frame ▦ Silicon Edge ■ Fabric Graphic

▦ Back Panel ■ Accessories

8 PCS

Application

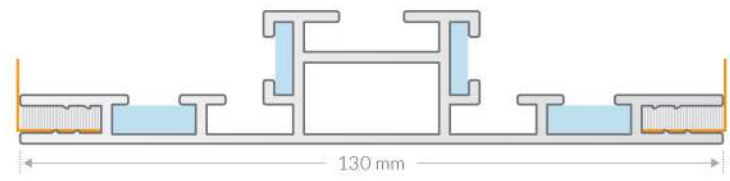Backlit   Double Side   Free Standing   Window Display   Suspended Display

K - 130D

Application

Standard	Indoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kisok Systems, Trade Shows, Custom Interiors

▶ Any size can be done - 3mm X any Length

Print Media

▶ Textile fabric media with silicon strip
▶ Dye-Sublimated / Latex / UV

Specification

Aluminium Alloy-6063-T6	
Depth	130 mm
Thickness	2 mm
Kg. / Mtr.	1.700
Side Options	Double Side Application
Length	4.0 mtrs / 5.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	LED Edge - lit

130 mm

8 PCS   8 PCS

Extrusion Frame   Silicon Edge   Fabric Graphic   Accessories

Application

Backlit   Double Side   Free Standing   Window Display   Suspended Display

K - 16 OVAL

Application

Standard	Indoor usage
Signage	Frame system, POP display
Display	Retail Fixtures, Cube, Trade Shows, Custom Interiors, Wall Mount, Hanging

Print Media

▸ PVC Foam Sheet, ACP, Acrylic (5 mm)

Specification	BASE - 16	COVER - 5
Aluminium Alloy-6063-T6		
Depth	16 mm	5 mm
Thickness	1.5 mm	1.5 mm
Kg. / Mtr.	0.350	0.145
Side Options	Single & Dual Side	
Length	4.0 mtrs / 5.0 mtrs	
Surface	Silver Satin Anodised Other Surafce on Demand	
Lighting	Non - lit	

SIDE LOAD

TOP LOAD

16 mm

Print media

25 mm

25 mm

Extrusion Frame   Accessories

8 PCS

WALL MOUNT

Top Wall Mount

Bottom Wall Mount

Application

Nonlit	Single Side	Double Side	Wall Mount	Suspended Display	Crowd Control

K - 65 CUBE
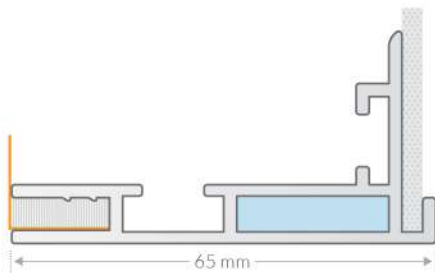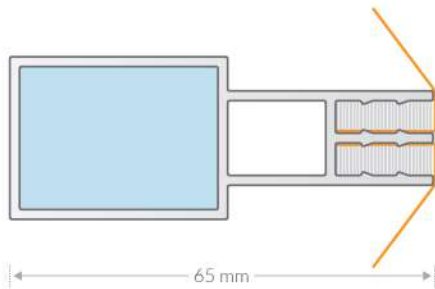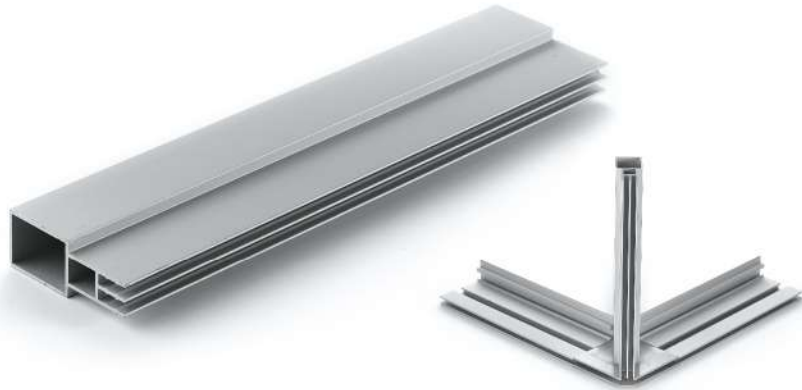
Application

Standard	Indoor Usage
Signage	Frame System, POP display
Display	Retail Fixtures, Kiosk Systems, Trade Shows Custom Interiors

Print Media

▸ Fabric Media

▸ Both profiles have to be cut at 90° and the corner connector of ABS is to be inserted.

Specification	K65 CUBE	K65S
Aluminium Alloy-6063-T6		
Depth	65 mm	65 mm
Thickness	2 mm	2 mm
Kg. / Mtr.	0.850	0.870
Side Options	Cube, 2 Sided, 3 Sided	
Length	4.0 mtrs / 5.0 mtrs	
Surface	Silver Satin Anodised Other Surafce on Demand	
Lighting	Backlit	

Usage	K - 65 Cube Verticle use / **4 pcs** K - 65 Horizontal use / **8 pcs**

65 mm

65 mm

K - CUBE CORNER

8 PCS

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		

Application

Nonlit   Backlit   Four Sided   Pillar Wrap   Suspended Display   Crowd Control

K - 20S SNAP

Kg. / Mtr. : 0.415

18 mm

41 mm

26 mm

11.5 mm

Kg. / Mtr. : 0.200
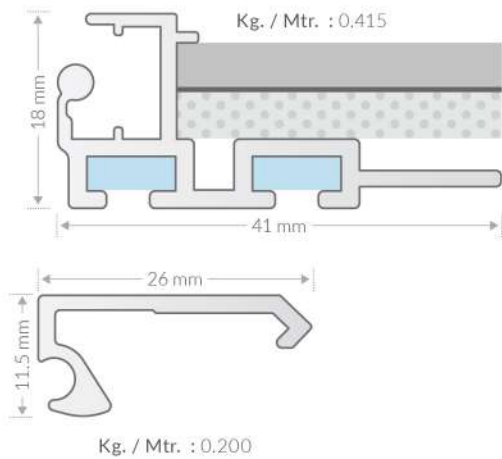
8 PCS

SS HALF
U SPRING

Extrusion Frame

Back Panel

Accessories

LGP

Reflector paper

K - 40D SNAP

Kg. / Mtr. : 0.560

22 mm

42 mm

22 mm

Kg. / Mtr. : 0.107
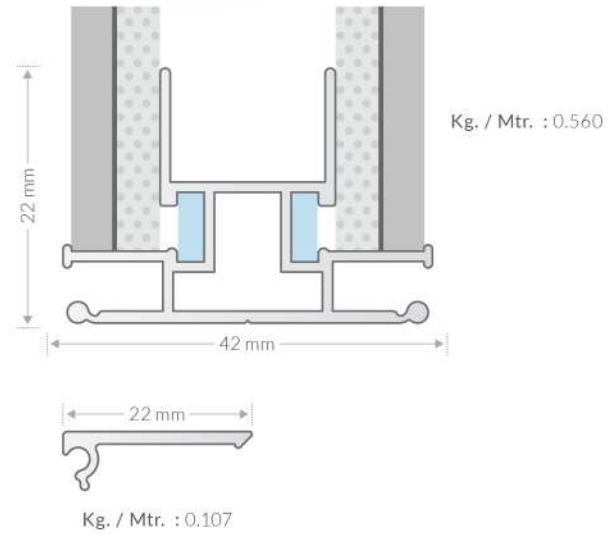
8 PCS

SS U SPRING

Extrusion Frame

Back Panel

Accessories

LGP

Reflector paper

Standard Pre - Febricated Sizes (K - 20 S)

MODEL	INSERT SIZE	FRAME SIZE	AMPS	POWER
ES8511	8.5" X 11"	9.75" X 12.25"	0.34A	4.1W
ES1117	11" X 17"	12.25" X 18.25"	0.52A	63.W
ES1722	17" X 22"	18.25" X 2.25"	0.68A	8.1W
ES2228	22" X 28"	23.25" X 29.25"	1.72A	20.7W
ES2436	27" X 36"	25.25" X 37.25"	2.22A	26.6W
ES2448	24" X 48"	25.25" X 49.25"	2.95A	35.4W
ES3648	36" X 48"	37.25" X 49.25"	2.95A	35.4W

* Brightness : Apx 2800 to 3200 Lux

Karni AluFab Standard Pre-Fab Size Frames give you the following Advantages

- ▶ Quick turnaround
- ▶ Always available
- ▶ More economical then custom sizes
- ▶ 3 year warrranty
- ▶ Customs size
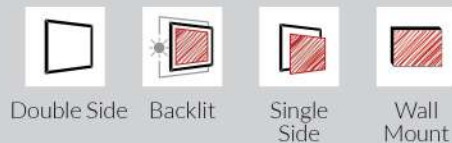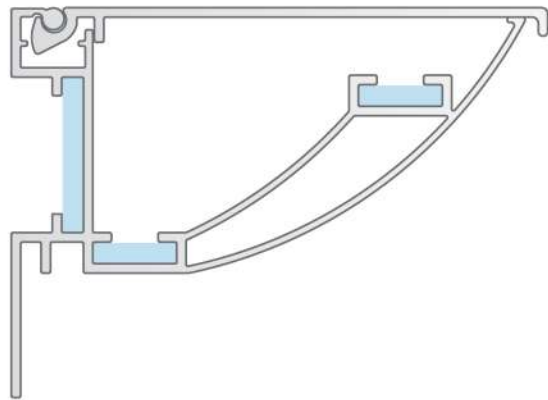- ▶ Outstanding brightness
- ▶ Evan lighting
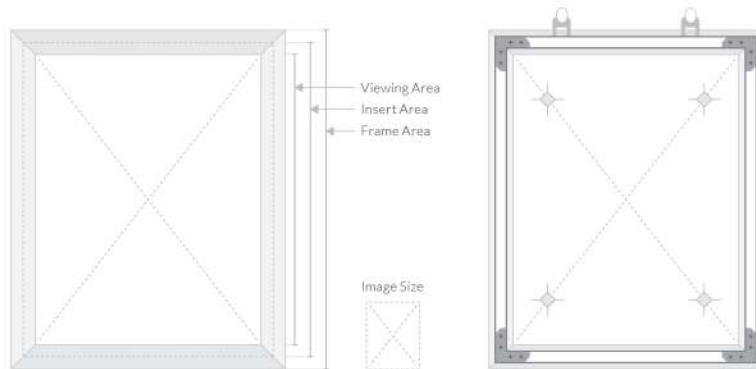
Specification	K - 20S	K - 40D
Side	Single Side	Double Side
Frame Thickness	20 mm	47 mm
Frame Width	26 mm	22 mm
Minimum Size	210 x 254 mm	305 x 305 mm
Maximum Size	915 x 2400	
Light Guide Panel (LGP)	3 mm & 5 mm Acrylic (PMMA) with V Cut Grove	
Frame / Color	Anodise Aluminium / Silver and Black	
Open / Close	Snapfront Open / Close	
Mounting	Wall Mount by Mou. Clip	Suspending bt wire or road
Weight	1.30 / Sq. Ft	1.80 / Sq. Ft
Input Voltage	D.C 12 Volt / AC 100~240v, 50/60Hz	
Luminous Efficiency (White LED)	105 lm/W	
LED Side	Smaller Size - 1 edge, Big Size-2long edge & Bigger Size 4edges	
LED Color Temp.	6500k	
Power Coad / Supply	18watt / Mtrs	
Dimming	By external dimmer (Optional)	
Operating Temp.	-22°F (-30°C) ~ 104°F (+40°C)	
Environment	Suitable for indoor and dry location	

Viewing Area
Insert Area
Frame Area

Image Size

Application

Double Side | Backlit | Single Side | Wall Mount

K - 83 FACADE

4 PCS   4 PCS   4 PCS   SS HALF U SPRING

Product description :

80mm side-snap aluminum profile is designed under triangle mechancs,specially for large size engineering fabric light box, it will keep the shape under great stress. Frameless design in the front, breaks through advertising vision limit, 100% perfect poster and maximize advertising display. It is very easy to change poster and perfect appearance in the form of hiding the accessories, such as shrapnel, slide fastener... inside of the aluminum profile. This aluminum profiles are widely used for airports, high-speed rail, shopping malls and other large size indoor/outdoor advertising.

Application

| Standard	Indoor & Outdoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kiosk Systems, Trade Shows, Customs Interiors

Print Media

▸ PVC Flex & Fabric

Specification	BASE	COVER
Aluminium Alloy-6063-T6		
Depth	83 mm	82.10 mm
Frame Face / Thickness	1.5 mm	1.5 mm
Side Options	Single Side	
Length	4.0 mtrs / 5.0 mtrs	
Surface	Silver Satin Anodised Other Surafce on Demand	
Lighting	Back - lit	

	Extrusion Frame		Fabric Graphic		Accessories
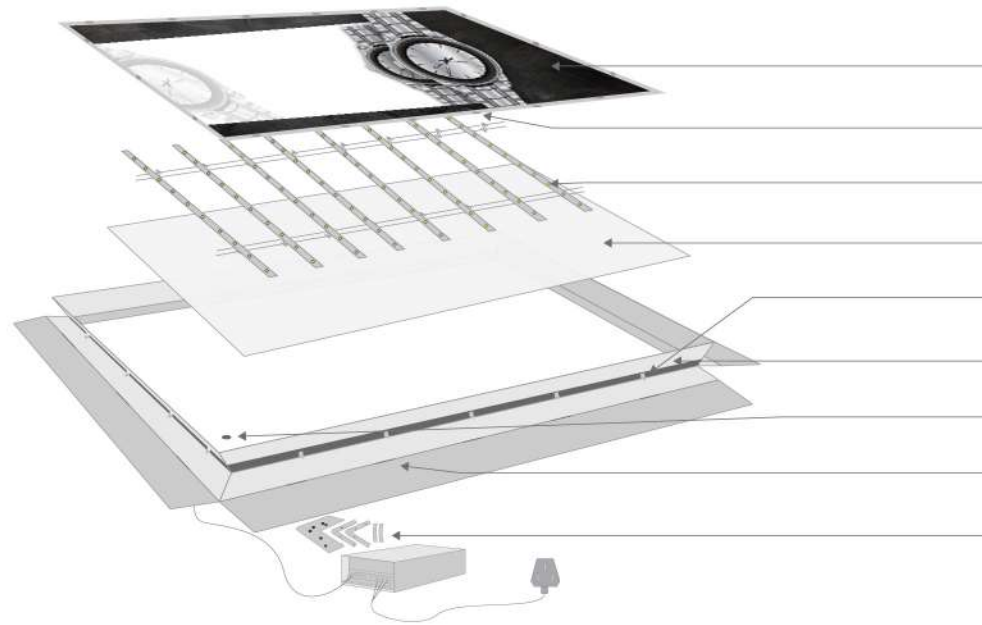
Installation

PVC Backlit Flex
MS Framing
LED Lattice Light
Back Panel
Slide Fastener
Side-snap Aluminum Profile
External Power Supply Wire
Shrapnel
Corner Connector & Shrapnel
Power Supply

Fabric & PVC Backlit Flex Mounting Option

▸ Cable Tie with Rivet

▸ MS Framing Structure

Application

Backlit	Single Side	Free Standing	Wall Structure	Crowd Control

K - 130 FACADE

75 mm

135 mm

81 mm

4 PCS

4 PCS

4 PCS

SS HALF
U SPRING

Product description :

130mm Front Snap aluminum profile is designed under triangle mechancs,specially for large size engineering fabric & PVC Backlit flex light box, it will keep the shape under great stress. Frameless design in the front, breaks through advertising vision limit, 100% perfect poster and maximize advertising display. It is very easy to change poster and perfect appearance in the form of hiding the accessories, such as shrapnel, slide fastener... inside of the aluminum profile. This aluminum profiles are widely used for airports, high-speed rail, shopping malls and other large size indoor/outdoor advertising.

Application

Standard	Indoor & Outdoor usage
Signage	Frame system, POP display, Light Boxes
Display	Retail Fixtures, Kiosk Systems, Trade Shows, Customs Interiors

Print Media

▸ PVC Flex & Fabric

Specification	BASE	COVER
Aluminium Alloy-6063-T6		
Depth	117 mm	75 mm
Frame Face / Thickness	2 mm	2 mm
KG. / MTR	2.40	0.710
Side Options	Single Side	
Length	4.0 mtrs / 5.0 mtrs	
Surface	Silver Satin Anodised Other Surafce on Demand	
Lighting	Back - lit	
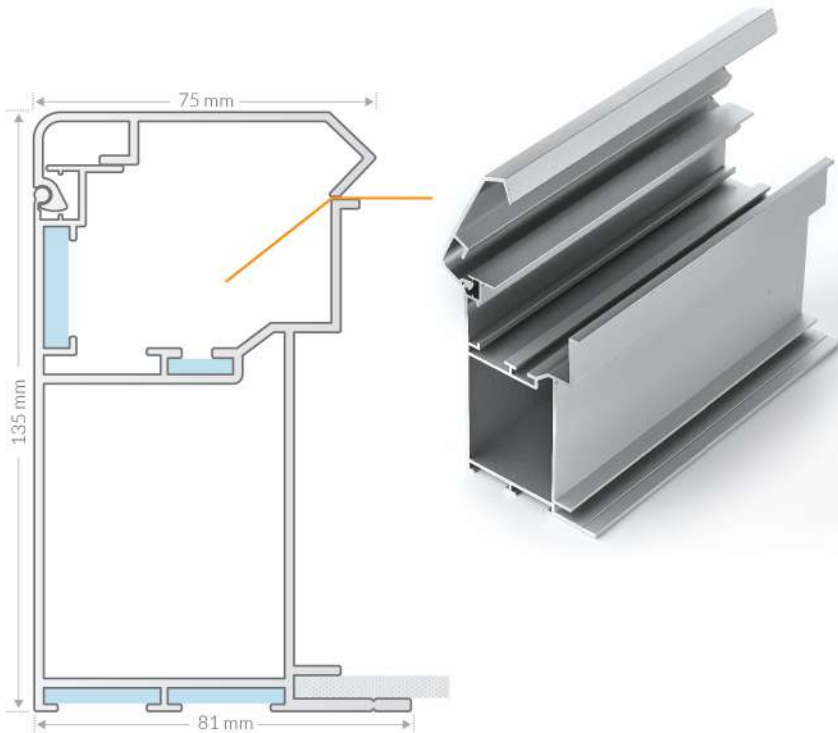
☐ Extrusion Frame   ■ Fabric Graphic   ☐ Back Panel   ☐ Accessories

Installation

| Fabric Poster |
| Pull Fastener Hole |
| LED Lattice Light |
| Back Panel |
| Slide Fastener |
| Side-snap Aluminum Profile |
| External Power Supply Wire |
| Shrapnel |
| Corner Connector & Shrapnel |
| Power Supply |

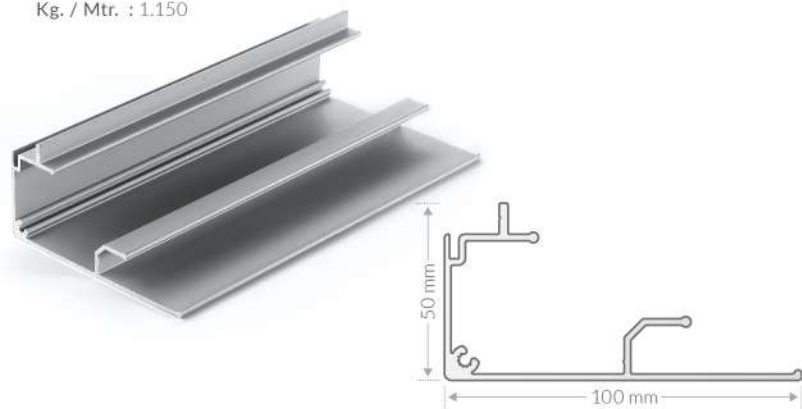## Application

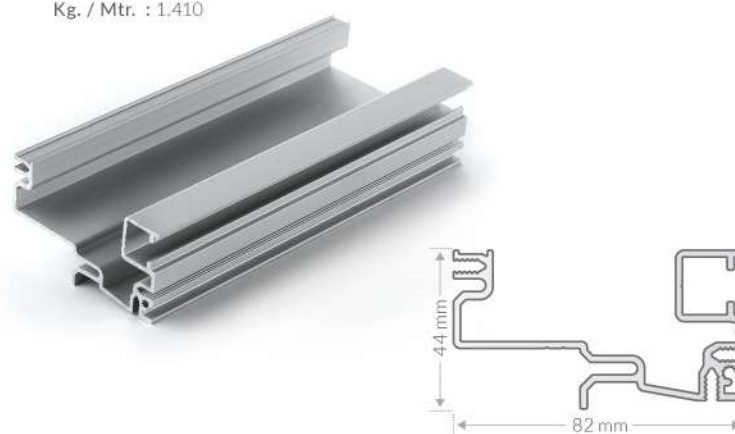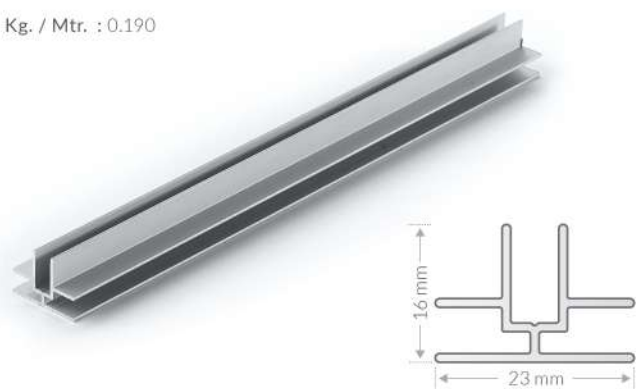| Backlit | Single Side | Free Standing | Wall Structure | Crowd Control |

K - TOTEM

K-TOT100 COVER

Kg. / Mtr. : 1.150

50 mm
100 mm

K-TOT83 BASE

Kg. / Mtr. : 1.410
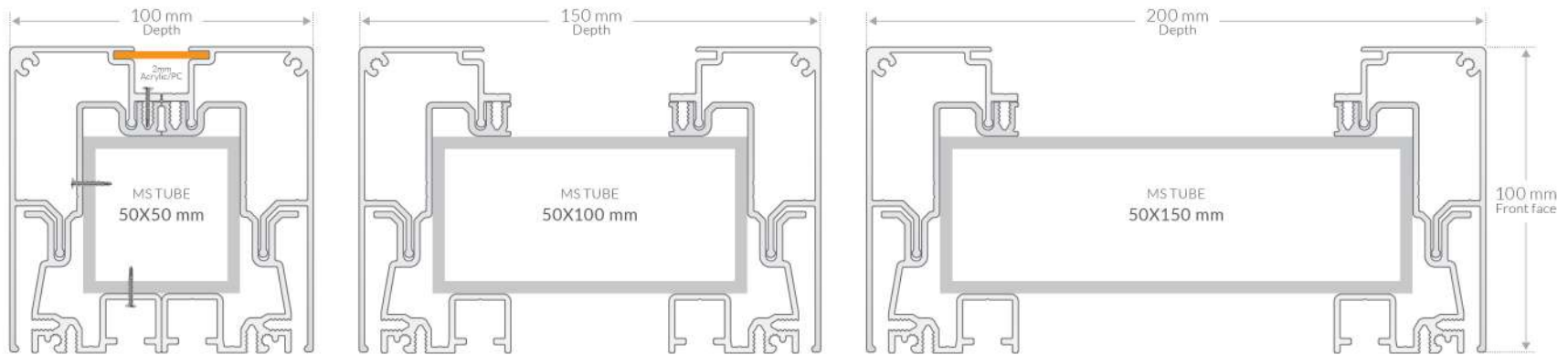
44 mm
82 mm

K-TOT23 CO

Kg. / Mtr. : 0.190

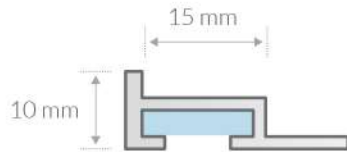16 mm
23 mm

K-TOT26 T/B

Kg. / Mtr. : 0.225

15 mm
27 mm

Totem is an extremely inteligent profile system that consists of one basic profile and three decorative cover profiles (rectangular, elliptical and rounded) that are mounted on a frame.

The system allows you to determine the depth (10, 15 or 20 cm), material (allumnium or steel) size and wall thickness of the interior structure of the totem. This makes it possible to construction strong totems of up to 6 meters high.

The profiles and panels are attached with hidden screws. The totems are easy to maintain and update because the panels can be lifted out and inserted effortlessly.

KWF - 10S

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ ACP

▸ ACRYLIC

Specification

Aluminium Alloy-6063-T6	
Depth	10 mm
Thickness	2 mm
Kg. / Mtr.	0.193
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Nonlit & LGP

15 mm

10 mm

□ Extrusion Frame   ▢ Accessories

4 PCS

Application

Nonlit   Way Finding   Crowd Control

★ NEW PRODUCT

KWF - 25S

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ ACP
▸ ACRYLIC

Specification

Aluminium Alloy-6063-T6	
Depth	25 mm
Thickness	2 mm
Kg. / Mtr.	0.600
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Non lit & Edge lit & LGP

27.50 mm

25 mm

☐ Extrusion Frame ☐ Accessories

4 PCS   4 PCS

Application

Backlit | Single Side | Wall Mount | Free Standing | Suspended Display

★ NEW PRODUCT

KWF - 25D

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ ACP

▸ ACRYLIC

Specification

Aluminium Alloy-6063-T6	
Depth	25 mm
Thickness	2 mm
Kg. / Mtr.	0.350
Side Options	Double Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Nonlit & LGP

19.50 mm

25 mm

☐ Extrusion Frame   ☐ Accessories

4 PCS

Application

Backlit

Double Side

Free Standing

Suspended Display

★ NEW PRODUCT

KWF - 50D

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ ACP
▸ ACRYLIC

Specification

Aluminium Alloy-6063-T6	
Depth	25 mm
Thickness	2 mm
Kg. / Mtr.	0.860
Side Options	Double Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Nonlit & Edge lit & LGP

25.6 mm

50 mm

☐ Extrusion Frame   ☐ Accessories   ☐ Back Panel

8 PCS

Application

Backlit   Double Side   Free Standing   Window Display   Suspended Display

★ NEW PRODUCT

K - 50S Eco

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ Textile Fabric media with silicon stich

Ink Type

▸ UV & Dye Sublimation

Specification

Aluminium Alloy-6063-T6	
Depth	50 mm
Thickness	1.25 mm
Kg. / Mtr.	0.550
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge lit

☐ Extrusion Frame   ▥ Silicon Edge   ■ Fabric Graphic
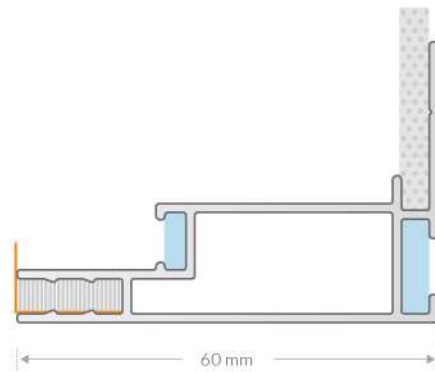
▨ Back Panel   ☐ Accessories

50 mm

4 PCS   4 PCS

Application

Backlit   Single Side   Wall Mount

★ NEW PRODUCT

K - 60S Eco

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ Textile Fabric media with silicon stich

Ink Type

▸ UV & Dye Sublimation

Specification

Aluminium Alloy-6063-T6	
Depth	60 mm
Thickness	1.25 mm
Kg. / Mtr.	0.650
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge lit

60 mm

- Extrusion Frame
- Silicon Edge
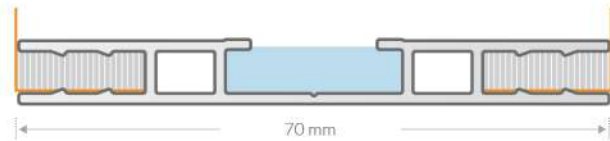- Fabric Graphic
- Back Panel
- Accessories

4 PCS   4 PCS

Application

Backlit   Single Side   Wall Mount

★ **NEW PRODUCT**

K - 100S Eco

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ Textile Fabric media with silicon stich

Ink Type

▸ UV & Dye Sublimation

Specification

Aluminium Alloy-6063-T6	
Depth	100 mm
Thickness	1.25 mm
Kg. / Mtr.	0.990
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge lit

100 mm

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		

4 PCS   4 PCS

Application

Backlit

Single Side

Wall Mount

★ NEW PRODUCT

K - 70D Eco

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ Textile Fabric media with silicon stich

Ink Type

▸ UV & Dye Sublimation

Specification

Aluminium Alloy-6063-T6	
Depth	70 mm
Thickness	1.25 mm
Kg. / Mtr.	0.860
Side Options	Double Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Edge lit

70 mm

	Extrusion Frame		Silicon Edge		Fabric Graphic
	Back Panel		Accessories		

8 PCS

Application

Backlit | Double Side | Free Standing | Window Display | Suspended Display

★ NEW PRODUCT

K - 80S Eco

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media

▸ Textile Fabric media with silicon stich

Ink Type

▸ UV & Dye Sublimation

Specification

Aluminium Alloy-6063-T6	
Depth	80 mm
Thickness	1.25 mm
Kg. / Mtr.	0.800
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Backlit & Edge lit

80 mm

☐ Extrusion Frame	▥ Silicon Edge	■ Fabric Graphic
▦ Back Panel	■ Accessories	

4 PCS   4 PCS

Backlit   Single Side   Wall Mount

★ NEW PRODUCT

K - P2

36.1 mm

34.57 mm
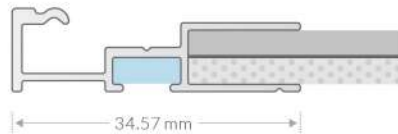
4 PCS

**SS HALF
U SPRING**

Application

Standard	Indoor use
Signage	Frames systems
Display	Hotel, Shopping mall, Airport, Retail shop, Cloud control

Print Media
▸ TRANSLIT

Ink Type
▸ UV & Dye

Specification

Aluminium Alloy-6063-T6	
Depth	12 mm
Thickness	1.25 mm
Kg. / Mtr.	0.350
Side Options	Single Sided
Length	3.60 mtrs
Lighting	LPG

Available Surface Colors

▪ Silver ▪ Black ▪ Golden ▪ Rose Gold

☐ Other colors on demand

☐ Extrusion Frame   ▨ Back Panel   ▪ Accessories

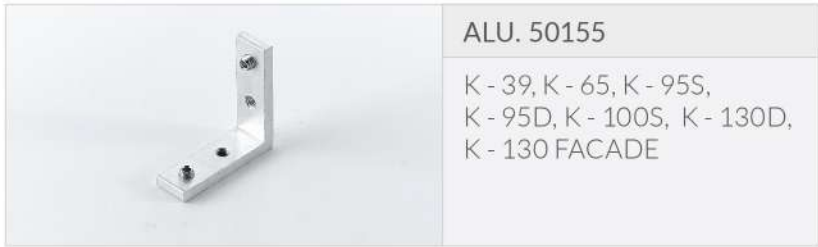▪ LGP   ▪ Reflector paper

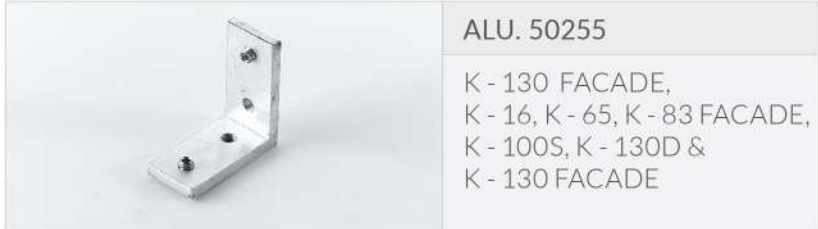## Application

Backlit   Single Side   Wall Mount

★ **NEW PRODUCT**

ALU. 50155	
	K - 39, K - 65, K - 95S, K - 95D, K - 100S, K - 130D, K - 130 FACADE

ALU. 35155	
	K - 39, K - 65, K - 95S, K - 95D, K - 100S, K - 130D, K - 130 FACADE

ALU. 50255	
	K - 130 FACADE, K - 16, K - 65, K - 83 FACADE, K - 100S, K - 130D & K - 130 FACADE

MS CHEVRON 60143	
	K - 16, K - 65, K - 83 FACADE, K - 100S, K - 130D & K - 130 FACADE

MS CHEVRON 100243	
	K - 23, K - 83 FACADE, K - 130 FACADE

MS CHEVRON 8603	
	K - 20S, K - 40D

SS CHEVRON 641215	
	K - 16 OVAL

ALU. 50255	
	120 DIG.

ALU. 50155	
	120 DIG.

ALU. 50155	
	60 DIG.

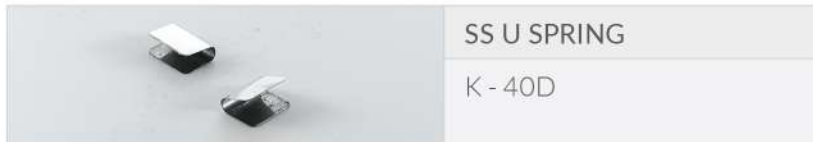|	
MS 100155 180 DIG.	
	K - 39S, K - 65S, K - 95D, K - 100S, K - 130D, K - 83 FACADE & K - FACADE

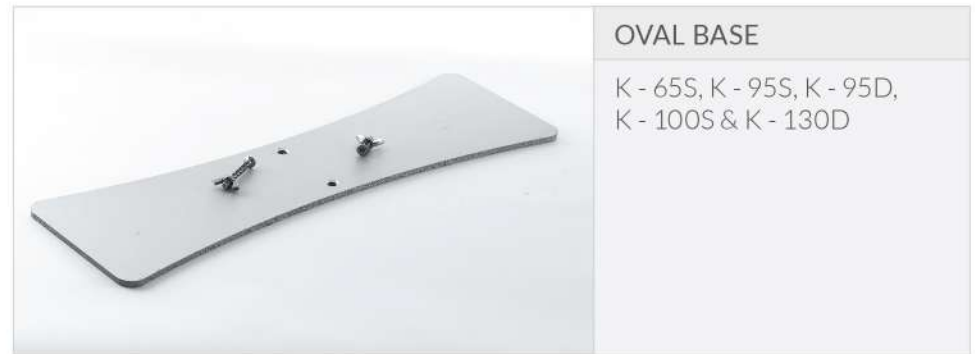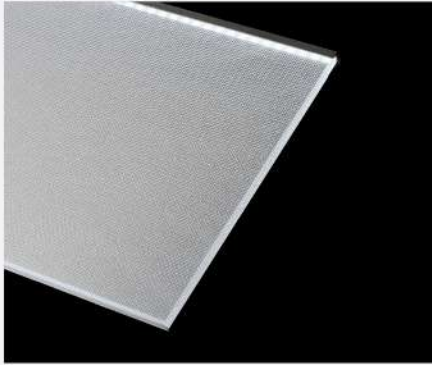| Product	Code
MS 2002531 180 DIG.	K - 23S & K - 83 FACADE
ABS CUBE JONT CORNER	K - 65S & K - 65 CUBE
SS U SPRING	K - 40D
SS HALF U SPRING	K - 20 SNAP, K - 83 FACAD, K - 130 FACADE
WALL MOUNT	K - 16 OVAL
PURE SILICON	15 X 3 MM
DELTA BASE	K - 65S, K - 95S, K - 95D, K - 100S & K - 130D
BIRD BASE	K - 65S, K - 95S, K - 95D, K - 100S & K - 130D
OVAL BASE	K - 65S, K - 95S, K - 95D, K - 100S & K - 130D
SS GRUB SCREW SS L & KEY	

K - LGP

Understanding LGP Sheets :

Definition of LED Light Sheet The unique construction of LED Light Sheet harnesses a number of patented processes which unite to create an innovative lighting unit. Produced by combining high intensity LEDs with a patented 3D V-Cutting system, this process allows light to be transmitted uniformly and evenly across the acrylic surface of the unit. A unified backlighting unit, LED Light Sheet features thermally managed LEDs which are securely embedded inside an acrylic sheet. This second patented process delivers a unit which is robustly constructed and easily installed in comparison to traditional backlighting units in which LED modules are fixed externally to an acrylic sheet. Each LED Light Sheet unit is manufactured in the UK by Applelec to bespoke requirements.

HEAT SINK

HEAT SINK While cool to the touch, LEDs collect heat internally. Unless this heat is released, it can cause the LEDs to change color. Panels may then look inconsistent. Our patented heat sink shifts heat away from the LED panel better than competitors' versions. This is because only K-LGP heat sink is integrated with the LED panel, instead of in a frame surrounding it.
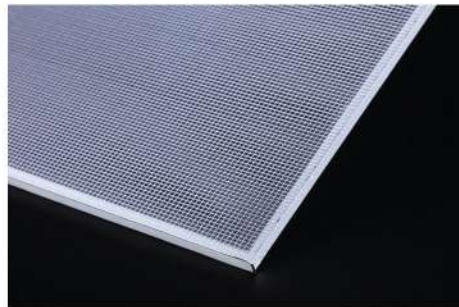
LGP

3D V-CUTTING V-cutting is a patented process that gives K-LGP the grid look it's known for. It creates an evenly lit panel from the edges to the center and lets us produce large panels. How it works: a light is embedded into the sides of an acrylic panel. Grooves are then etched across the acrylic, connecting the light from one end of the panel to the other. They are widely spaced when close to the light source, and narrowly spaced when farther away. The placement of these grooves is different for every panel.

FEATURES

▸ Available in custom sizes
▸ Full color customization
▸ Suitable for large scale surfaces
▸ High brightness (up to 10 000 lux)
▸ High CRI available
▸ Long LED lifespan (50 000+ hours)
▸ Rigid structure
▸ Easy to hang
▸ Energy saving and maintenance free (70% energy savings over traditional lighting)
▸ Superior consistent light quality
▸ Advanced 3-year warranty

KARNI™
A L U F A B
Absolute SEG solutions

FACTORY

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www.alusign.in

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