



 **KARNI**<sup>TM</sup>  
ALUFAB  
Absolute SEG solutions

● [www.alusign.in](http://www.alusign.in)

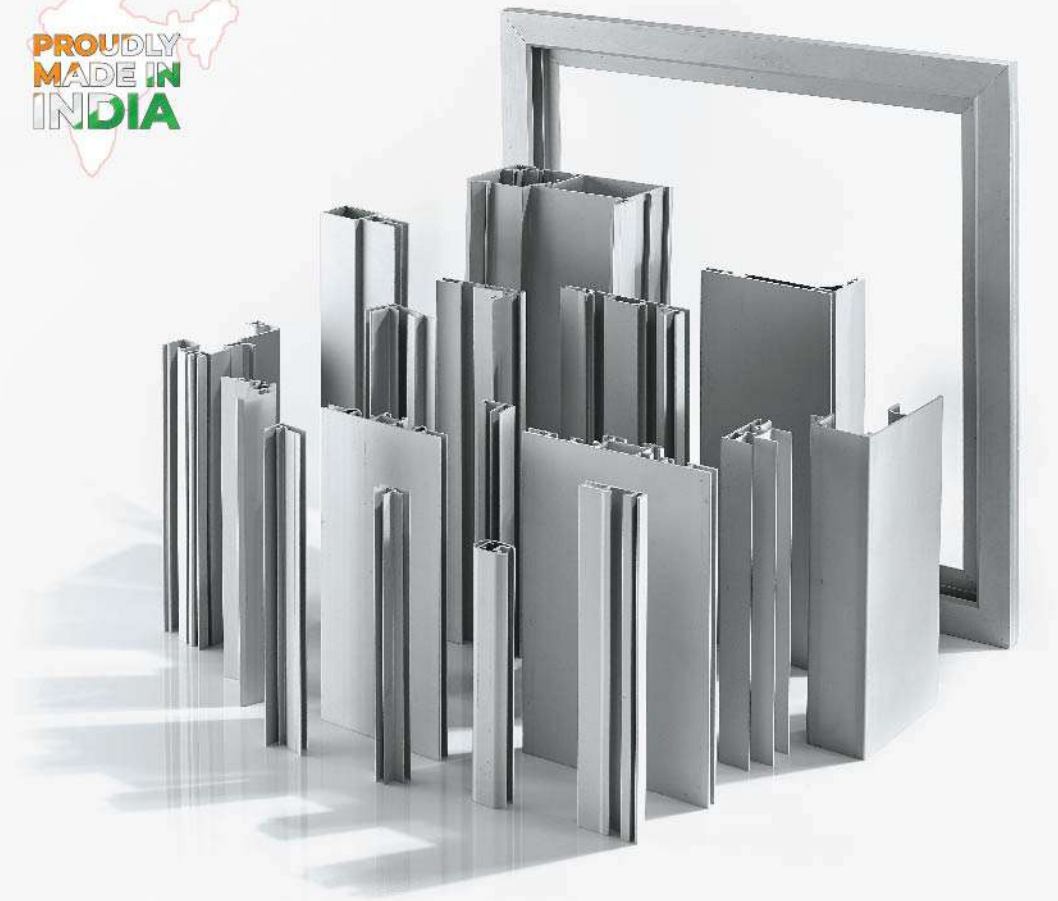
## ABOUT US:

**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.



**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.

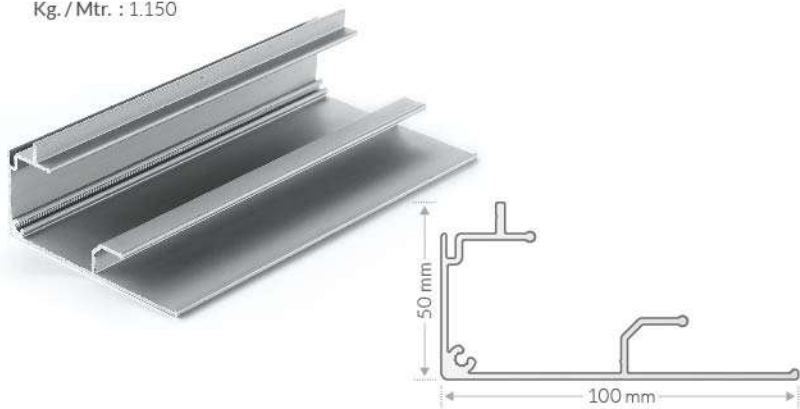




## K - TOTEM

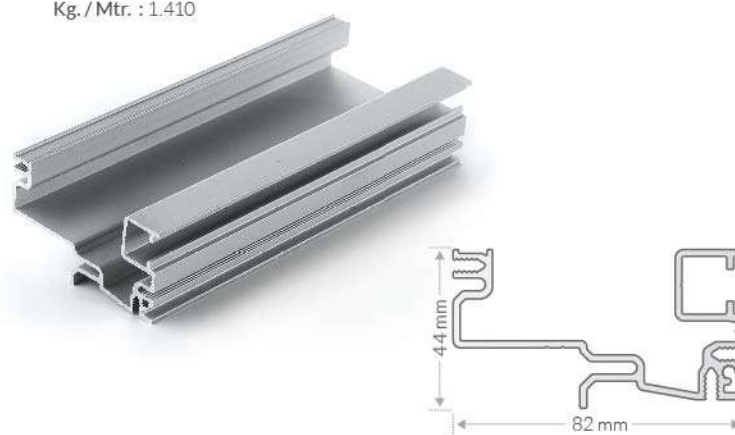
### K-TOT100 COVER

Kg. / Mtr. : 1.150



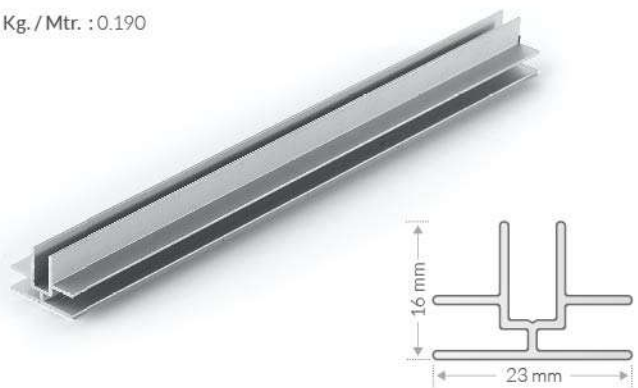
### K-TOT83 BASE

Kg. / Mtr. : 1.410



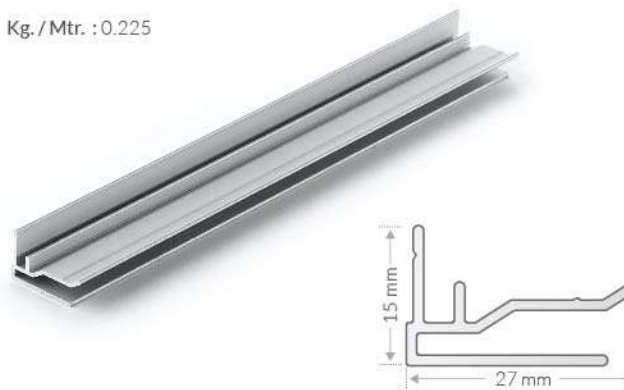
### K-TOT23 CO

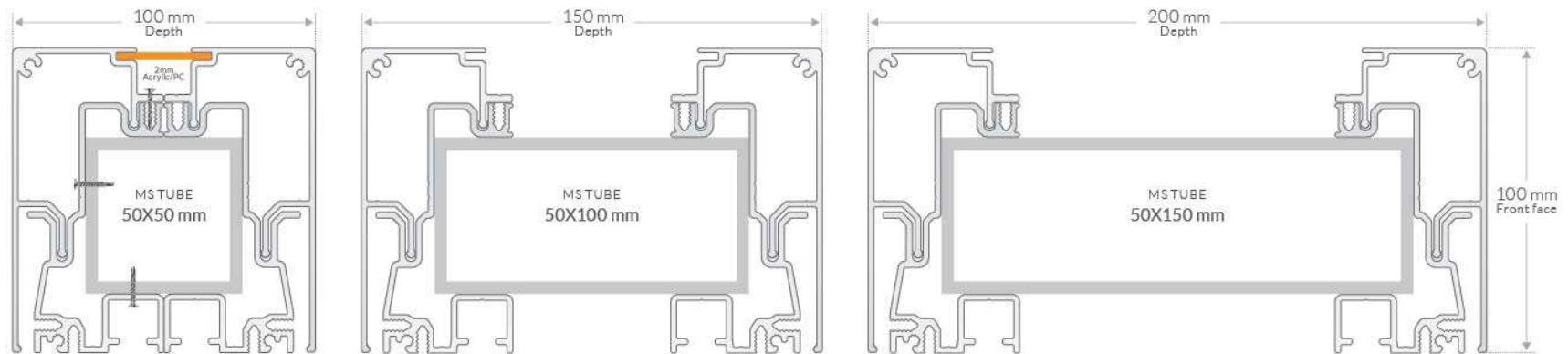
Kg. / Mtr. : 0.190



### K-TOT26 T/B

Kg. / Mtr. : 0.225





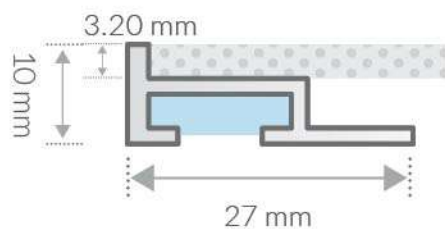
**Totem** is an extremely intelligent profile system that consists of one basic profile and three decorative cover profiles (rectangular, elliptical and rounded) that are mounted on a frame.

The system allows you to determine the depth (10, 15 or 20 cm), material (aluminium 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



4 PCS

## Application

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

## Print Media

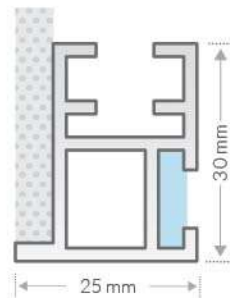
- ▶ ACP
- ▶ ACRYLIC

## Specification

Aluminium Alloy-6063-T6	
Depth	10 mm
Thickness	1.50 mm
Kg. / Mtr.	0.193
Side Options	Single Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Nonlit & LGP

- Extrusion Frame
- Accessories
- Back Panel

## KWF - 25S



4 PCS



4 PCS

### 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 Surface on Demand
Lighting	Non lit & Edge lit & LGP

Extrusion Frame
  Accessories
  Back Panel

## Application



Backlit



Single  
Side



Wall  
Mount

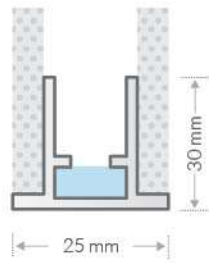


Free  
Standing



Suspended  
Display

## KWF - 25D



8 PCS

### 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 Surface on Demand
Lighting	Nonlit & LGP

Extrusion Frame
  Accessories
  Back Panel

## Application



Backlit



Double  
Side



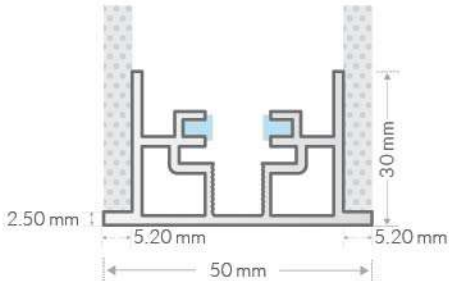
Free  
Standing



Suspended  
Display



# KWF - 50D



8 PCS

## 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.	0.890
Side Options	Double Sided
Length	4.0 mtrs
Surface	Silver Satin Anodised Other Surafce on Demand
Lighting	Nonlit & Edge lit & LGP

 Extrusion Frame  Accessories  Back Panel

## Application



Backlit



Double Side



Free Standing



Window Display



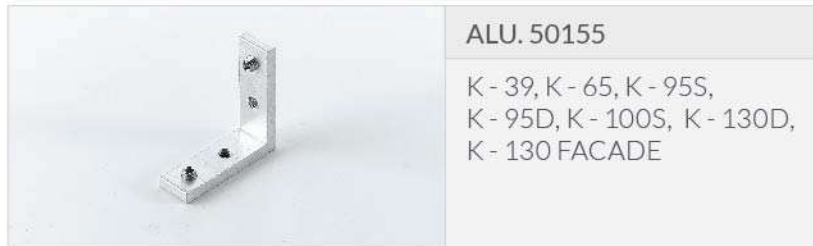
Suspended Display

KWF-100D

KWF-100D

Application





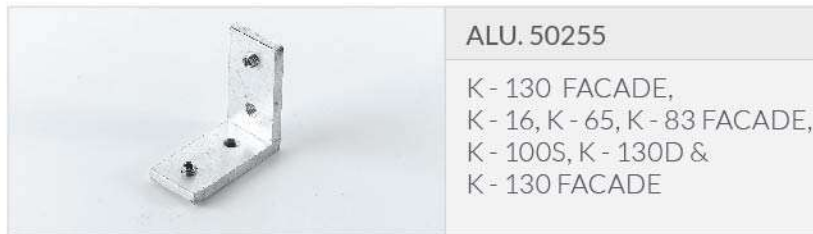
**ALU. 50155**

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



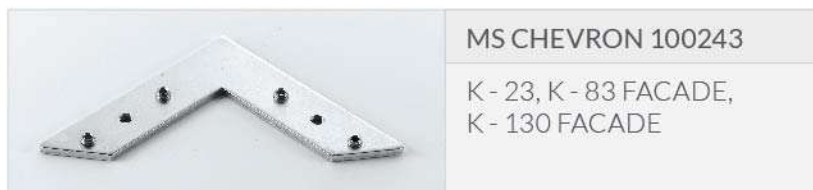
**ALU. 50255**

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



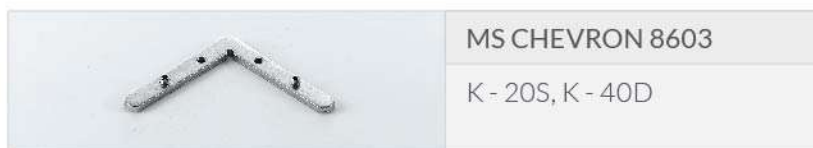
**MS CHEVRON 60143**

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



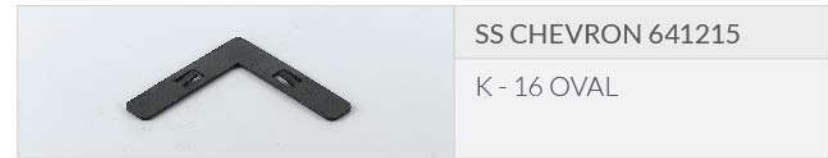
**MS CHEVRON 100243**

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



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

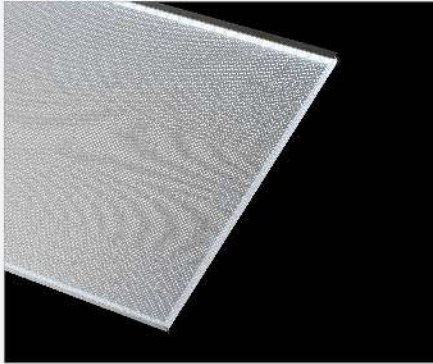
K - 65S, K - 95S, K - 95D,  
K - 100S & K - 130D



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.

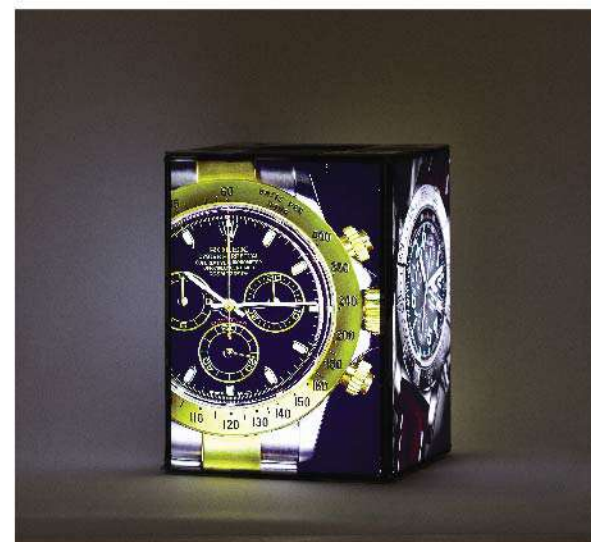
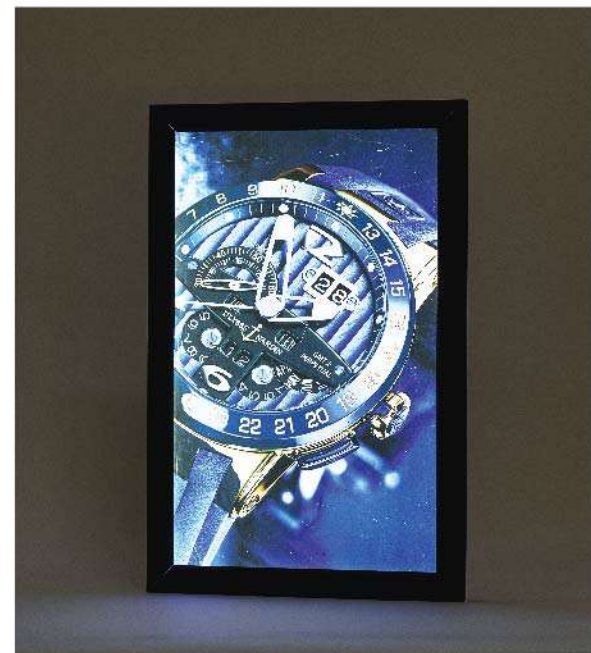
### LGP

**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









#### **FACTORY**

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