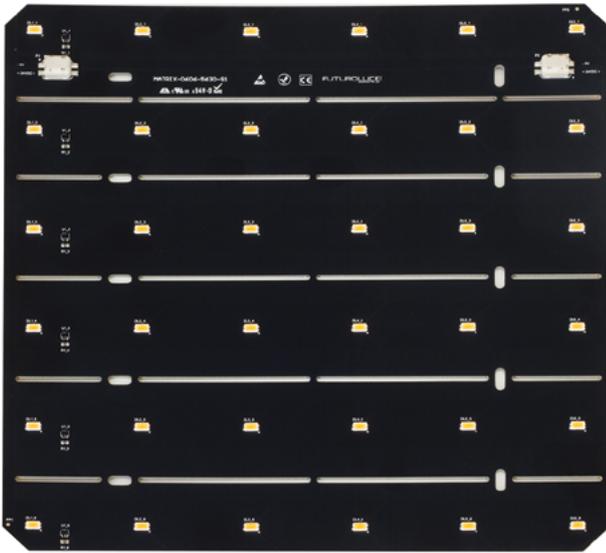


# MATRIX SINGLE COLOUR



“PERFECT BACKLIGHTING”



## APPLICATIONS

The white light matrix is a base element for creating backlighting solutions in which a product with a very slim profile is needed. The extremely diffused emission of light ensures a high level of luminous uniformity on the surface onto which the light is projected. It can also be used to create low resolution animated graphics. It is typically used to create spectacular backlit effects, such as illuminating, decorative glass, onyx or marble. Also a versatile option for ceilings, walls or floors.

## DESCRIPTION

Circuit in single-sided fibreglass. Anti-glare black screen printing. High efficiency LED. On board current controller. Mounting with spacers and screws. Quick connector and release button. Dimmable with external dimmer. IP20 protection rating; protection against solid particles of dimensions greater than 12 mm and not protected against liquids.

## TECHNICAL SPECIFICATIONS

Code	MTX-0606-5630-K27	MTX-0606-5630-K30	MTX-0606-5630-K40	MTX-0606-5630-K55
No. and Type of LED	36 x Seoul 5630			
Colour temperature	2700K	3000K	4000K	5500K
CRI	>90	>85		>80
Minimum flux	700lm/m		750lm/m	
Smallest unit	6Led			
Current	330mA			
Current for smallest unit	55mA			
Maximum power consumption	8W/pz. (128W/mq)			
Power for smallest unit	1,32W			
ESD protection	±2000V			
Beam angle	120°			
Note	Supplied with spacers mounting kit, onboard current controller, Lead-free/RoHs compliant			

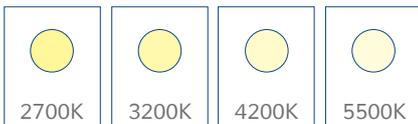
## CHARACTERISTICS AND ADVANTAGES

- High efficiency (>100 lm/W).
- ANSI compliant binning.
- Excellent lumen maintenance and colour stability.
- Extensive dimming range – fully dimmable.
- Highly efficient secondary optics.
- Long life and reduced maintenance costs.
- Ecological, no disposal restrictions.

## OPTICS, COLOUR TEMPERATURE AND CRI



120°

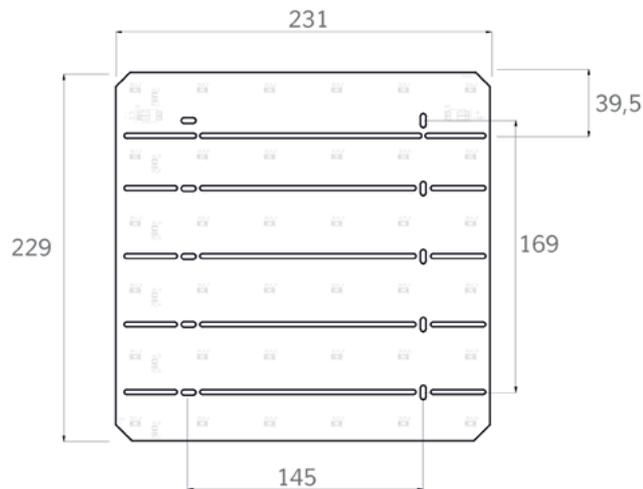


>90	>85	>80
CRI	CRI	CRI

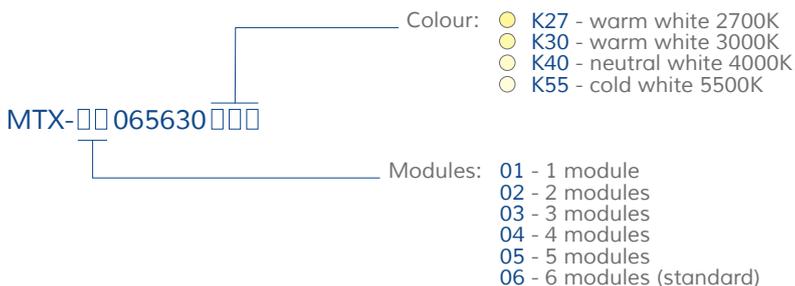
## TECHNICAL FEATURES

No and Type of LED	36 x Seoul 5630
Power supply	24Vdc
Electrical connection	fast link connector
Cooling	passive
Installation	any position
Protection rating	IP20
Class	III
Weight	0,1Kg
Dimensions	231 x 229 x h5,5mm
Maximum power consumption	8W/pz. (128W/mq)
Operating temperature	-40 / +85°C
Average product life	50.000hours

## TECHNICAL DRAWING



## CODING



- Note: not all combinations of the characteristics are possible