

DESCRIPTION

Circuit in double-sided fibreglass. Anti-glare black screen printing. High efficiency LED. On board current controller. Rear heat conducting adhesive strip. Dimmable with external dimmer. IP20 protection rating: protection against solid particles of dimensions greater than 12mm and not protected against liquids.

APPLICATIONS

The Matrix RGBW product is the most complete solution for backlighting applications. It combines the perfect RGB mix with an additional channel with warm coloured LED of 2700K and CRI>90, enabling PANTONE colours to be made that are not feasible with a classic RGB system. This feature makes the product the perfect solution for more bold projects, in which there should be no compromises and the light tone must be perfectly identified. It can also be used to create low resolution animated graphics with high colour quality, and with the possibility of passing to a pure white tone. It is typically used to create spectacular backlit effects on decorative glass, onyx or marble, equally suited to ceilings, walls or floors

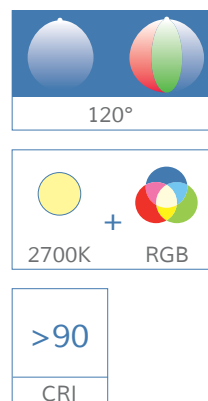
TECHNICAL SPECIFICATIONS

No and Type of LED	36x Seoul 3528 36x 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	18W/pz. (258W/mq)
Operating temperature	-40 / +85°C
Average product life	35.000hours

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 RCI



TECHNICAL SPECIFICATIONS

Code	MTX-0606RGBW				
No. and Type of LED	36x Seoul 3528 x 36x Seoul 5630				
Colour	-	R(typ. 623nm)	G(typ. 527nm)	B(typ. 460nm)	2700K
Minimum flux	R+B+G+W= 970lm	R=92lm	G=131lm	B=47lm	W=700lm
Smallest unit	N.A.				
Current	R+B+G+W=0,74A				
Maximum power consumption	R+B+G+W= 18W/pz (288W/mq)				
ESD protection	±2000V				
Beam angle	120°				
Note	Supplied with spacers mounting kit, onboard current controller, Lead-free/RoHs compliant				

TECHNICAL DRAW

