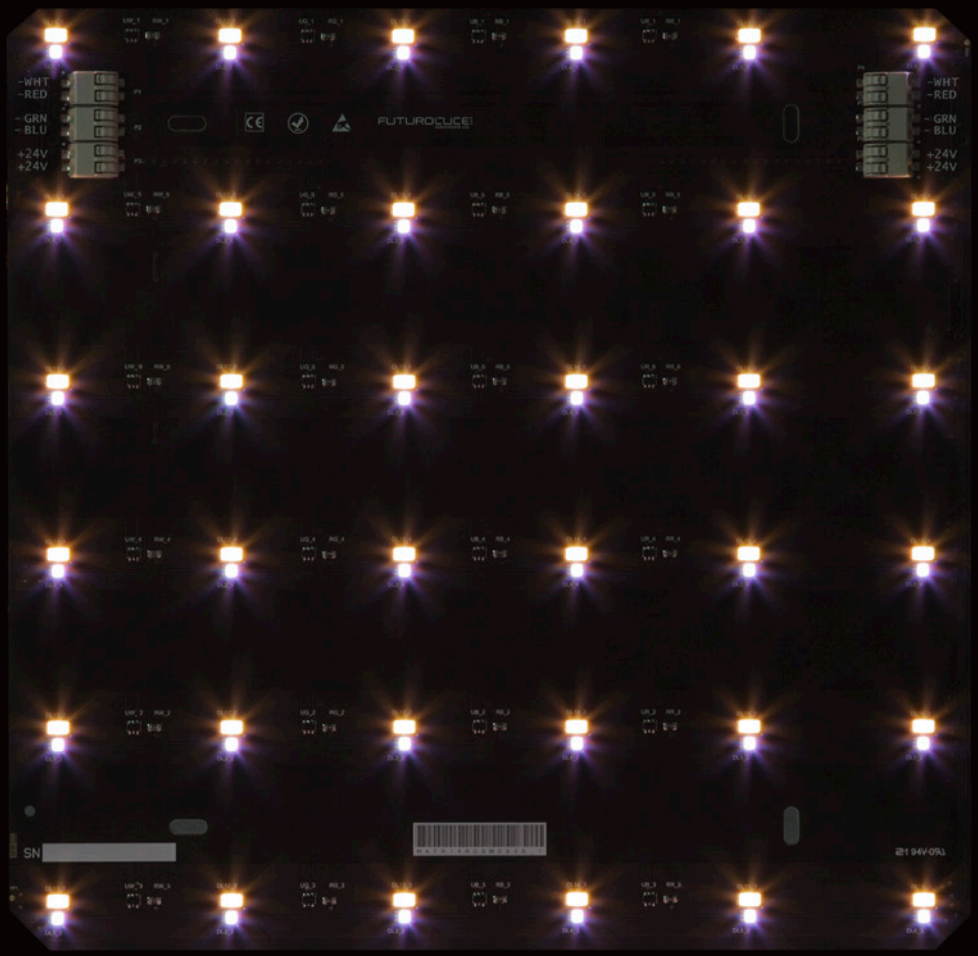

-WHT
-RED
- GRN
- BLU
+24V
+24V
FUTUROLUCE
SN

MATRIX RGBW

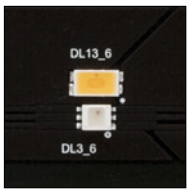
APPLICATIONS

The Matrix RGBW modules are 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. This series is typically used to create spectacular back-lit surfaces such as, ceilings, walls and floors. 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.

FEATURES

- Allows PANTONE® colour matching
- Very diffused emission = optimal light uniformity
- High efficiency (>110 lm/W)
- ANSI compliant binning, 2 step MacAdams ellipse for each individual lot
- Excellent lumen maintenance and colour stability over time
- Extensive dimming - fully dimmable, with external dimmer
- Fast connection in a row
- IP20 protection rating
- Long life and low maintenance costs
- Ecological, no disposal restrictions

Connector



High efficiency LED

SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	36 x Seoul 5630 + 36 x Seoul 3528
Total lumen output (at 85°C)	Up to 970 lm
Colour temperature	90lm
Binning	130lm
CRI	47lm
Other colours	n.d.

Electrical

Supply type	Costant voltage
Supply value	24 Vdc
Maximum power consumption	18 W/cad. (288 W/mq)
Connection	Quick connector and release button

Phisical

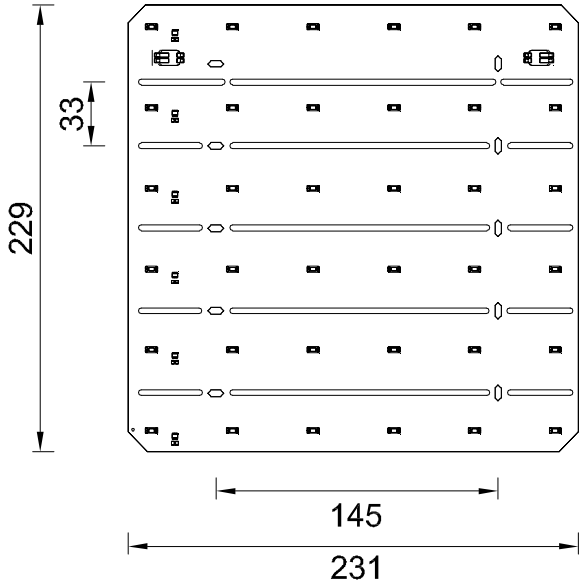
Body material	Double-sided copper fibreglass
Body finish	Anti-reflex black surface
Optic material	n.a.
Optic type	n.a.
Screen material	n.a.
Dissipation	Passive
Protection rating	IP20
Class	III
Weight	0,1 Kg/m
Dimensions	See technical drawing
Operating temperature range	-25 / +70 °C
MTBF (LM80)	50.000 hrs
Mounting	Any position

HOW TO ORDER

Model		Modules nr.	Colour
MTX	-	0606	RGBW
MTX Matrix		0606 6 modules	RGBW RGBW

Order code example: MTX-0606RGBW

TECHNICAL DRAWING



ACCESSORIES

Cables

2 poles connecting patch, L=10 cm	CMP00634
2 poles connecting patch, L=40 cm	CMP00635
2 poles connecting patch, L=100 cm	CMP00636

Mounting kit

4 pcs. metal spacers and screw set	CMP00637