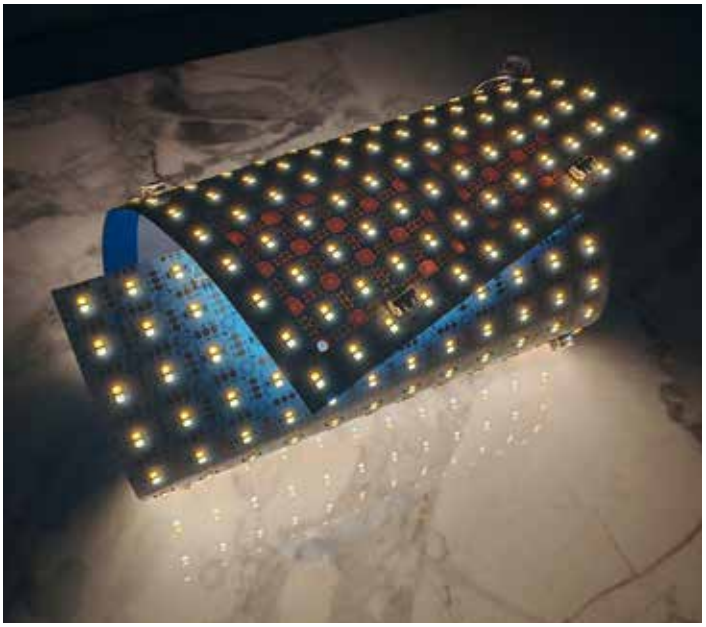
CREOLUX LED SHEETS

CUTTABLE, BENDABLE LED BACKLIGHTING



Creolux is an ultra-thin, lightweight, flexible sheetcovered in high brightness LEDs. It is is cuttable, bendable and can be easily connected together to illuminate larger areas.

Individual diodes can be removed to create patterns. The sheet is easy to mount on any substrate using double-sided adhesive tape.

Its high specification and versatility provide a modular lighting solution to designers and makers for a wide variety of applications, particularly appealing for bright, shapes, curved, feature patterns and large displays.

KEY FEATURES

- Single-sided illumination
- Ultra-thin & Lightweight
- Cuttable & Bendable
- Multiple sheets can be connected to illuminate larger areas
- Wide range of colour temperatures (1800-6500K as standard)
- Multiple colour options; Single/Tuneable White & RGBW
- High Colour Rendering Index (CRI) Levels
- High energy-efficiency up to 150 lm/W

BENEFITS & APPLICATION

EVEN ILLUMINATION FROM 3MM
Provides bright, even illumination across the sheet, up to 12,000 lumen per sheet

EASY TO INSTALL
Electrical connection with slot-in, push-fit connectors. Easy to mount using double-sided adhesive tape

BENDABLE & CUTTABLE
Versatile in use, the sheet can be easily cut to various sizes and shapes and is flexible/bendable

HIGH-QUALITY CONFIGURATIONS
Available with: optical lens; CRI 95; 5 year warranty

3MM
ILLUMINATION FROM JUST 3MM

CRI LEVELS UP TO 95
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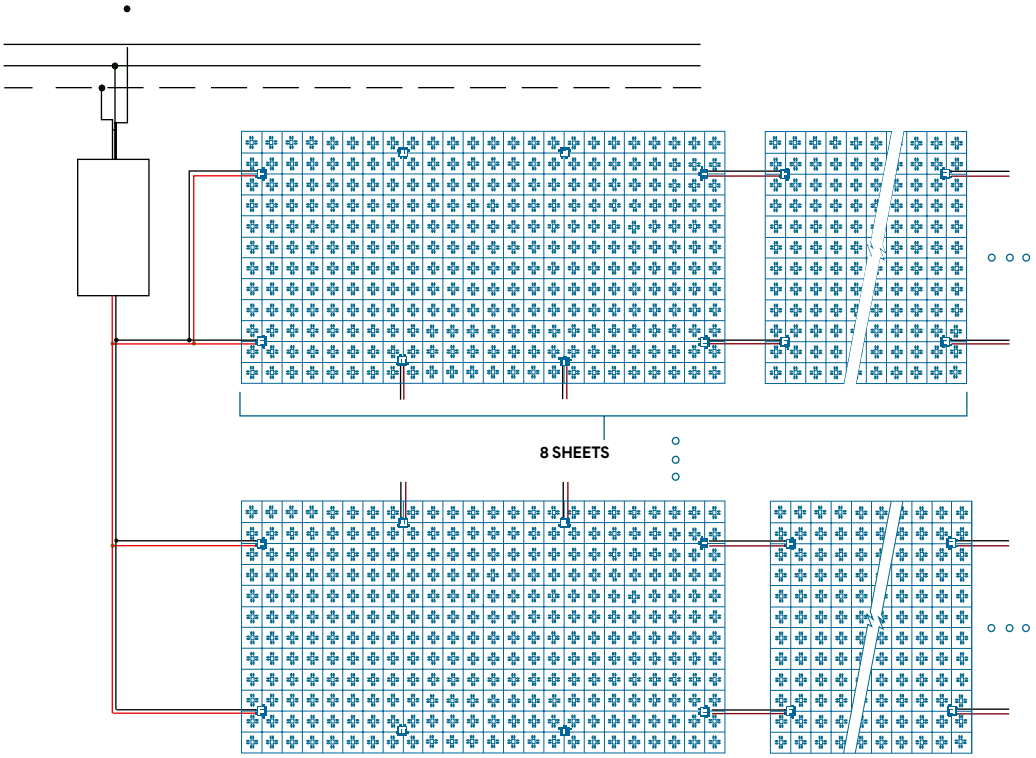
ENERGY EFFICENCY UP TO 150 lm/W

BRIGHTNESS UP TO 54000 lm/M2

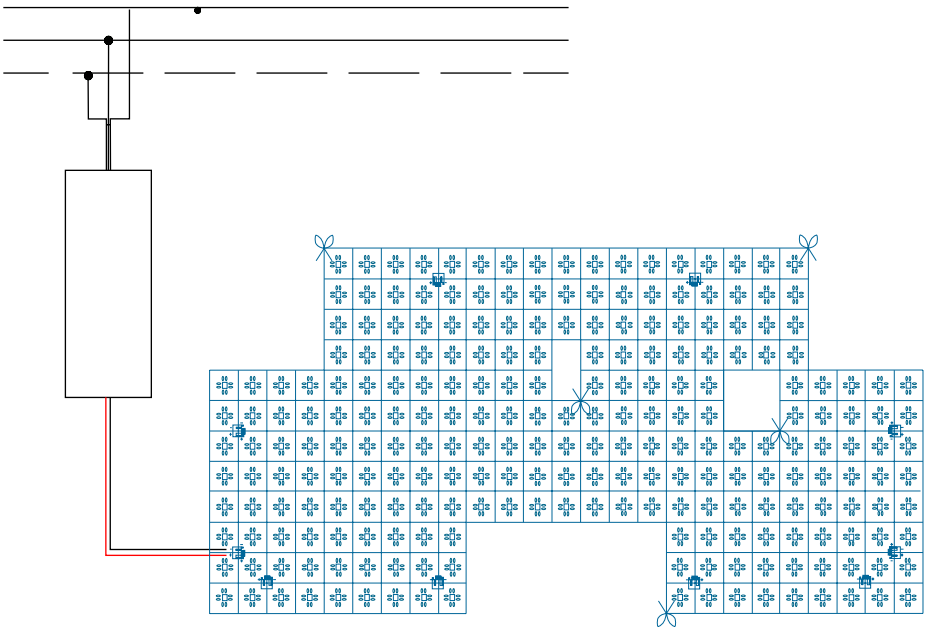
FULLY CUSTOMISABLE

50K HOURS
LONG LIFE LEDs

MOUNTING & CONNECTION



USE THE CONNECTORS TO EASILY CONNECT MULTIPLE SHEETS IN SERIES OR IN PARALLEL*



EASILY CUT OUT SECTIONS OF CREOLUX SHEETS USING THE DESIGNATED CUTTING LINES

*the maximum number of sheets will vary according to sheet configuration and total power consumption

CREOLUX LED SHEETS

CUTTABLE, BENDABLE LED BACKLIGHTING

KEY FEATURES

Illumination	Single-sided
Dimensions (per sheet)	480 mm x 240 mm / 18.8 in x 9.44 in
Colour Temperature	2700K - 6500K (others on request)
Brightness	up to 12000 lm/per sheet
Colour Options	Single White - Tuneable White - RGBW Colour changing
Efficiency	up to 150 lm/W
CRI Levels	80 - 95
Thickness (including connectors)	From 3 mm / 0.11 in
Working voltage	24V
Beam angle	Standard 120° / 160° with optical lens
Maximum bend diameter	30mm
Connection ports (max)	8 (push-in from side)
IP-rating	Standard IP20 / IP67 (on request)
Storage environment	~40 ° C to ~50 ° C, 30% to 70% humidity
Working environment	~20 ° C to ~50 ° C, 30% to 70% humidity
Diode lifetime	>50,000 hours
Warranty	5 years