

COOLEEDGE

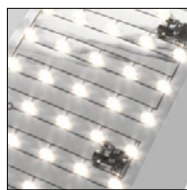
APPLICATIONS

The products of the Cooledge series originates from the idea of a modular, highly flexible and transparent product (for Line series only) from a thin, flexible sheet. This single polyethylene terephthalate substrate brings together light source, mechanical and electronic support. 5 colour temperatures and different formats are available, both linear (with different lengths), squared, or in continuous lengths of more than 6 meters. Installation is direct without any additional profile or accessory. Cooledge is particularly suitable for full-view installation in museums, where often a light source can create problems both of the aesthetic nature – caused by dimensional and functional constraints of the display cases–, and of the lighting nature - caused by low efficiency and glaring. Futuro Luce is a Cooledge accredited partner, together with supplying the product we offer assistance and support for a seamless integration of the product itself in the specific context.



FEATURES

- High flexibility
- High efficiency (>120-140 lm/W)
- ANSI compliant binning, 2 step MacAdams ellipse for each individual lot
- Excellent lumen maintenance and colour stability over time
- High modularity with continuous module length up to 6m
- High CRI (standard >80, on request >90) and excellent light uniformity
- No heat-sink needed
- Extended dimming from 100% to 1%
- IP20 protection rating
- Long life and low maintenance costs
- Ecological and recyclable, no disposal restrictions



LED



Flexibility

SPECIFICATIONS

Performance

LED type	LINE 7 mm low/mid power
LED nr. and model	420 Lambertian LED
Total lumen output (at 40°C)	880 lm
Colour temperature	2700 - 3000 - 3500 - 4000 - 5700 K
Binning	2 step ellipse MacAdam
CRI	> 80 (> 90 on request)
Other colours	n.a.

Electrical

Supply type	Constant voltage
Supply value	58 Vdc
Maximum power consumption	21 W/m
Connection	Soldering pads

Physical

Body material	PET
Body finish	n.a.
Optic material	n.a.
Optic type	n.a.
Screen material	n.a.
Dissipation	Passive
Protection rating	IP20
Class	II
Weight	0,04 Kg
Dimensions	96 x 294 xH1.5 m (module min. LINE)
Operating temperature range	0 / 40° C
MTBF (LM80)	> 100.000 hrs
Mounting	Any position

HOW TO ORDER

The product is supplied on request, contact our technical department at the e-mail address tecnico@futuraoluce.it

SYSTEM SET UP

- 1 LINE flexible module
- 2 Power feeding cable
- 3 Extension cable (optional)
- 4 Control Module (optional)
- 5 Power supply unit

