



LUCOLED XR10



- *Advanced Helios Ultra Flat Beam lens technology*
- *Constant Current Technology*
- *Narrow white binning*
- *24 Volt for longer module chains*
- *Sign Life Warranty, 4 years extended labour coverage included.*

Lucoled Extreme XR10 modules offer a high quality and efficient backlit solution for lightboxes and channel letters between 25 mm and 75 mm deep.

Using efficient LED technology and Helios flat beam optics Lucoled Extreme series offers industry leading efficacy and coverage.

The XR10 modules are designed for channel letters with a depth as shallow as 25 mm and offer a cost effective alternative to Block LED solid acrylic letters.

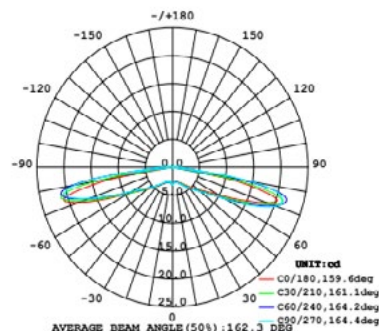
Lucoled Extreme series offers a 4 years extended warranty as part on the Sign Life Warranty, making it the optimum choice for your high valued projects and critical installations. Your warranty exposure is reduced to a minimum.

SPECIFICATIONS

- Dimensions 31.5x19x8 mm
- Sign Life Warranty (first 2 years extended)
- Beam angle: 175°
- Can be cut between every unit
- UL, CE and RoHS compliant
- Narrow white binning, SDMC 3
- 24 V DC Constant Current Technology
- Operating temperature -40°~+60°C

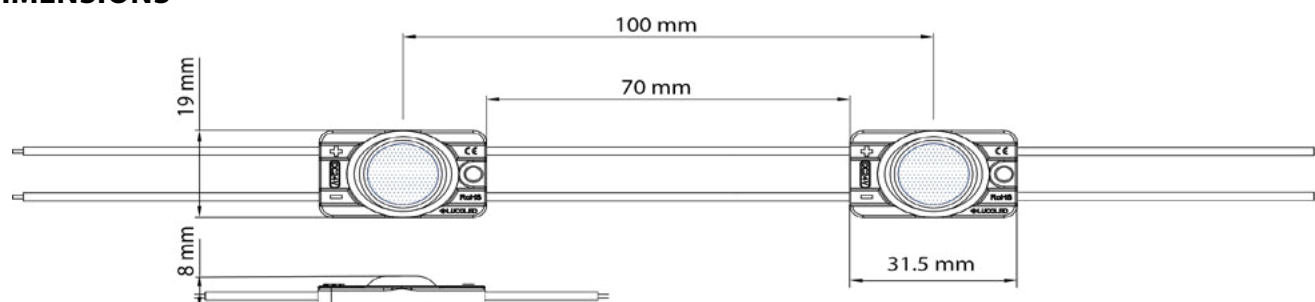


LUMINOUS INTENSITY DISTRIBUTION

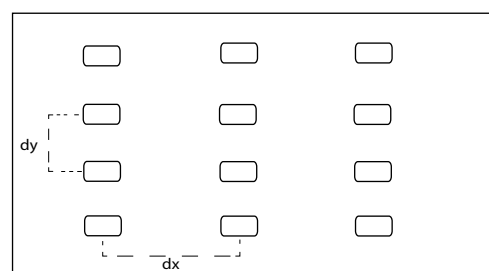


Item no	LED colour	CT (K)/nm	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Energy Class
XR10-W65	white	6500	>80	0.36	60	167	24	60	C

DIMENSIONS



Light box depth (mm)	Module	Space between modules (mm)	Installing density (pcs/m²)	Wattage per m² (W)	Lumen per m² (Lm)
dz=25	XR10	dx=55, dy=55	324	116.6	6996
dz=50	XR10	dx=75, dy=65	195	70.2	4212
dz=75	XR10	dx=100, dy=65	150	54.0	3240



Results may vary depending on face material properties. The data above was obtained using 3mm thick opaque acrylic with a 54% light transmittance. Lucoled advises to paint the inside of the box/letters in a matt white colour for achieving an optimal result. Always test before production.

POWER SUPPLY CAPACITY 24V SERIES

Item	xx2430	xx2460	xx24100	xx24150	VP24240	VP24400
Power Output	30W	60W	100W	150W	240W	400W
XR10 modules / power supply (Maximum 60 XR10 modules per chain)	75	150	250	375	600	1000

PACKAGING

Item	Qty (pcs/bag)	Qty (bag / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
XR10	120	14	1680	10.8	528 x 376 x 272