



adidas

LUCOLED EC31



- *5 years warranty*
- *Lucolense wide angle technology*
- *High efficacy*
- *Constant Current Technology*
- *Narrow white binning*

Lucoled Eco EC31 modules offer a high quality and efficient backlit solution for lightboxes and channel letters between 60 and 180mm deep.

Using the latest Top-Tier LED technology and high quality optics Lucoled Eco series offers industry leading efficacy and coverage. This not only reduces the amount of modules needed for an application, but also the overall power consumption.

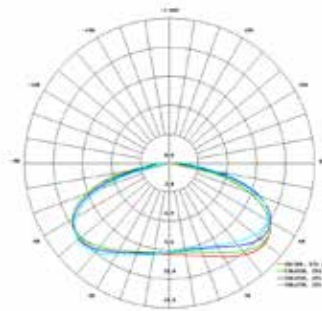
Lucoled Eco series offer a value proposition for everyday projects with a good price-performance ratio.

SPECIFICATIONS

- Dimensions 65x14,5x7,8mm
- Warranty 5 years
- Beam angle: 160°
- Can be cut between every unit
- UL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60C

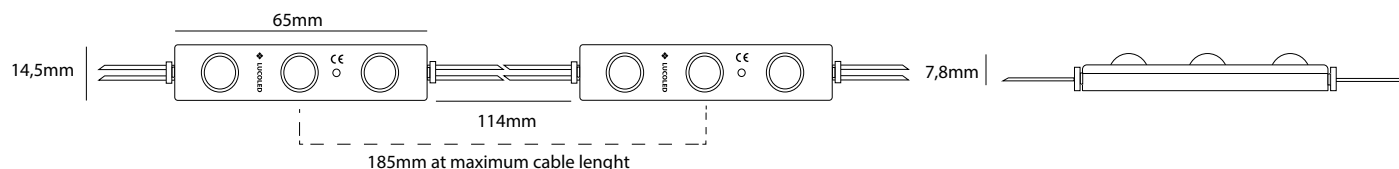


LUMINOUS INTENSITY DISTRIBUTION



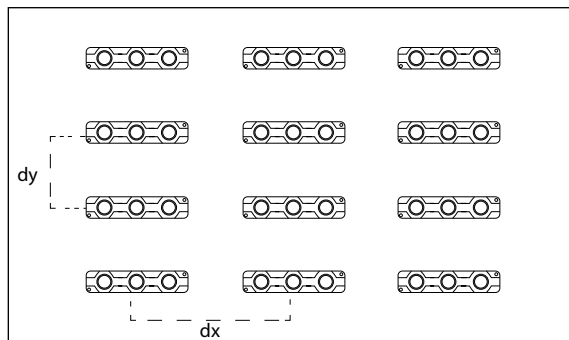
Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
EC31-W65	white	6500	>75	1.00	100	100	12	50	1400
EC31-B	blue	n.a.	n.a.	0.72	9	12.5	12	50	1400
EC31-R	red	n.a.	n.a.	0.72	21	29.2	12	50	1400

DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m ²)	Surface luminance range (cd/m ²)
dz=60	dx=80, dy=60	208	3850-4400
dz=120	dx=140, dy=120	60	1200-1350
dz=180	dx=180, dy=180	31	600-750

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 12V SERIES

Item	PP1230	PP1260	PP12100	PP12150	PP12200
Power Output	30W	60W	100W	150W	200W
EC31-W65 modules / power supply	27	54	90	135	180
Number of chains (maximum 50 modules per chain)	1	2	2	3	4

Item	PP1230	PP1260	PP12100	PP12150	PP12200
Power Output	30W	60W	100W	150W	200W
EC31-B/R modules / power supply	38	76	125	188	250
Number of chains (maximum 50 modules per chain)	1	2	3	4	5

PACKAGING

Item	Qty (pcs / bag)	Qty (bags / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
EC31	100	14 (2x7)	1400	10,0	528 x 376 x 272