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## LUCOLED PS20



- *7 years warranty*  
*First 2 years extended warranty*
- *Lucolense wide angle technology*
- *High efficacy*
- *Constant Current Technology*
- *Narrow white binning*

**Lucoled Premium PS20 modules** offer a high quality and efficient backlit solution for lightboxes and channel letters between 40 and 100mm deep.

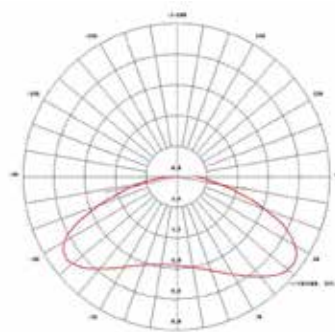
Using the latest Top-Tier LED technology and high quality optics Lucoled Premium series offers industry leading efficacy and coverage. This not only reduces the amount of modules needed for an application, but also the overall power consumption, reducing the total cost of ownership of a project.

Lucoled Premium series offers a 2 years extended warranty, making it the optimum choice for your high valued projects and critical installations. Your warranty exposure is reduced to a minimum.

## SPECIFICATIONS

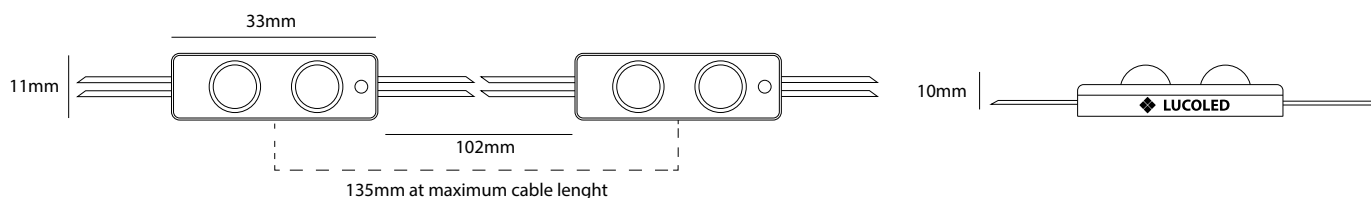
- Dimensions 33x11x10mm
- Warranty 7 years (first 2 years extended)
- Beam angle: 160°
- Can be cut between every unit
- EL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60C

## LUMINOUS INTENSITY DISTRIBUTION

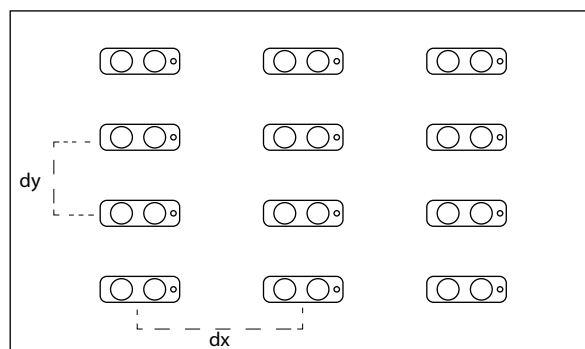


Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
PS20-W65	white	6500	>80	0.34	41	120	12	50	1600

## DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m <sup>2</sup> )	Surface luminance range (cd/m <sup>2</sup> )
dz=40	dx=70, dy=50	286	2890-3155
dz=60	dx=90, dy=70	159	1125-1445
dz=80	dx=110, dy=90	101	660-920
dz=100	dx=130, dy=120	64	410-565



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
PS20 modules / power supply	79	158	264	397	529
Number of chains (maximum 50 modules per chain)	2	4	6	8	11

## PACKAGING

Item	Qty (pcs/bag)	Qty (bag / carton)	Total Qty (pcs / carton)	Total weight (kgs)	Carton size (LxWxH) in mm
PS20	100	16	1600	11,0	528 x 376 x 272