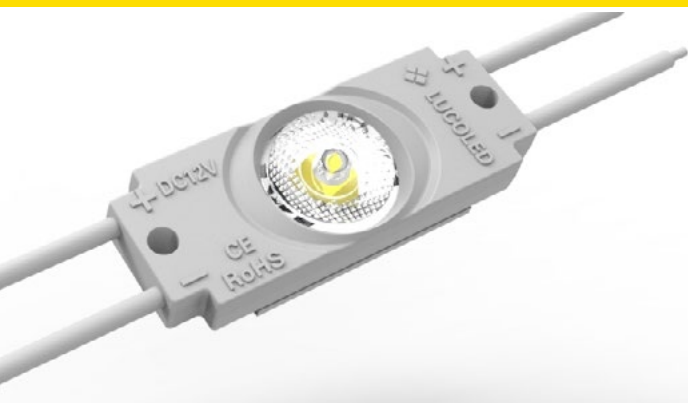




LUCOLED PV10



- *5 years warranty*
First 2 years extended warranty
- *Lucolense prismatic angle technology*
- *Highest efficacy*
- *Constant Current Technology*
- *Narrow white binning*

Lucoled Premium Value PV10 modules offer a high quality and efficient backlit solution for lightboxes and channel letters between 40 and 100mm deep.

Using the latest high efficient LED technology and high quality optics Lucoled Premium Value 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 Value 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 41x16x7.5mm
- Warranty 5 years (first 2 years extended)
- Beam angle: 170°
- Can be cut between every unit
- EL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60°C

UL

CE

RoHS

1
LED

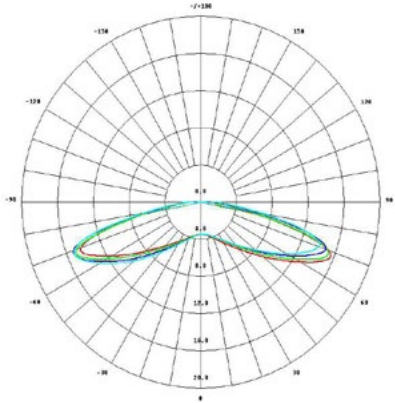
Injection
Molding
Device

DC
12V

IP
66

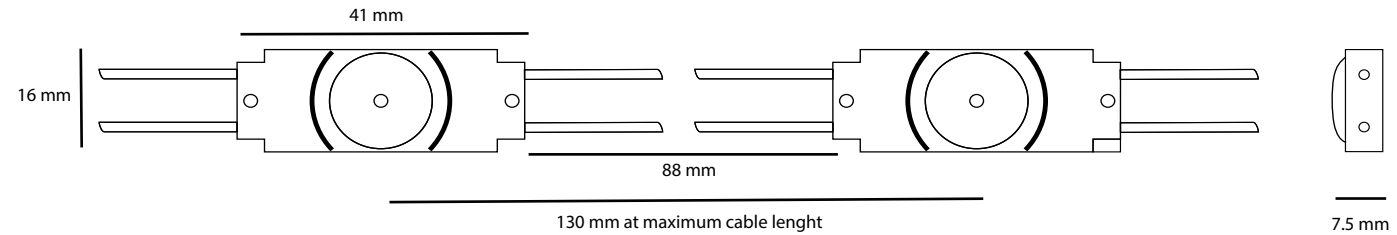
5
Years

LUMINOUS INTENSITY DISTRIBUTION



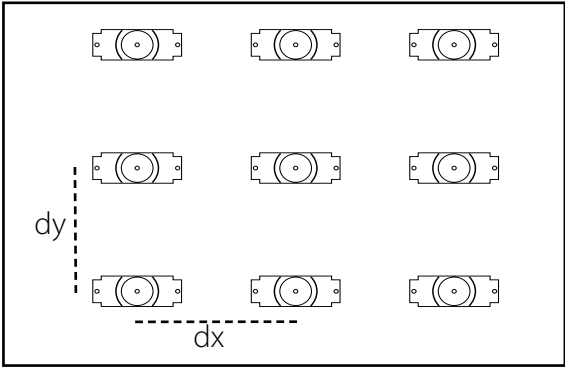
Item no	LED colour	CT (K)/nm	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
PV10-W30	white	3000	>75	0.30	45	152	12	50	1800
PV10-W40	white	4000	>75	0.30	49	161	12	50	1800
PV10-W50	white	5000	>75	0.30	49	160	12	50	1800
PV10-W65	white	6500	>75	0.29	48	165	12	50	1800
PV10-W71	white	7100	>75	0.29	46	158	12	50	1800
PV10-R	red	600-625nm		0.30	9	30	12	50	1800

DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m²)	Lumen per m² (Lm) based on 6500K
dz=60	dx=90, dy=90	100	4800
dz=80	dx=120, dy=120	64	3072
dz=100	dx=130, dy=130	49	2352
dz=120	dx=130, dy=140	49	2352

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	xx1230	xx1260	xx12100	xx12150	VP12240	VP12400
Power Output	30W	60W	100W	150W	240W	400W
PV10 modules / power supply	93	186	310	465	745	1090
Maximum 50 modules per chain						

PACKAGING

Item	Qty (pcs/bag)	Qty (bag / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
PV10	50	36	1800	16,6	528 x 376 x 272