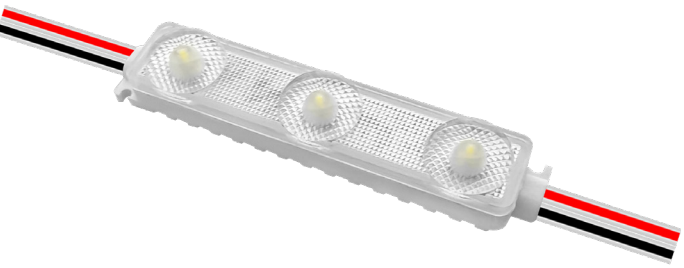


LUCOLED VR33



- *Up to 5 years warranty*
- *Lucolense prismatic angle technology*
- *high efficiency of 160 lumen per Watt*
- *Constant Current Technology*
- *Narrow white binning*
- *24V*
- *IP67*

Lucoled Value Range VR33 modules offers a high quality and efficient backlit solution for lightboxes and channel letters between 50 and 150mm deep.

Lucoled VR33 uses high efficiency LED's and optics. VR33 modules are manufactured using a revolutionary fully automated production process. This ensures a 100% consistent quality. All modules are in-line tested using vision technology and an AI based system. This results in a highly reliable, fit-for-purpose, solution for your every-day sign projects.

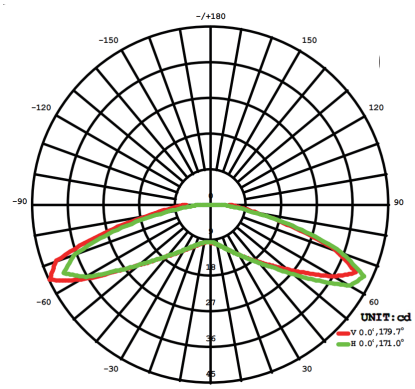
Lucoled VR33 offers the best price-performance ratio on the market.

SPECIFICATIONS

- Dimensions 69x13x12mm
- Warranty 5 years
- Beam angle: 175^0
- Can be cut between every unit
- UL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -20°C~+45°C

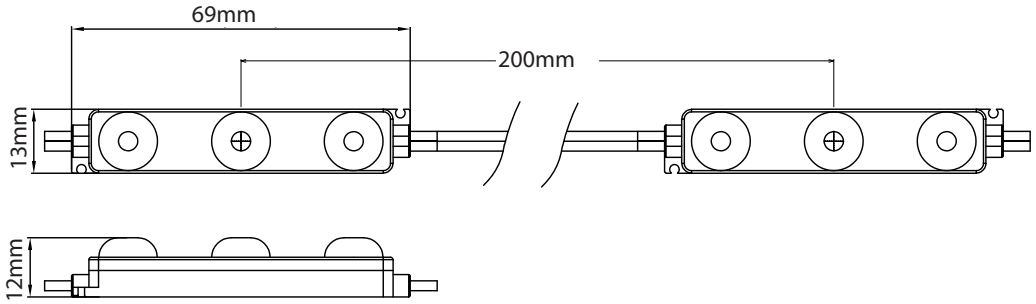


LUMINOUS INTENSITY DISTRIBUTION

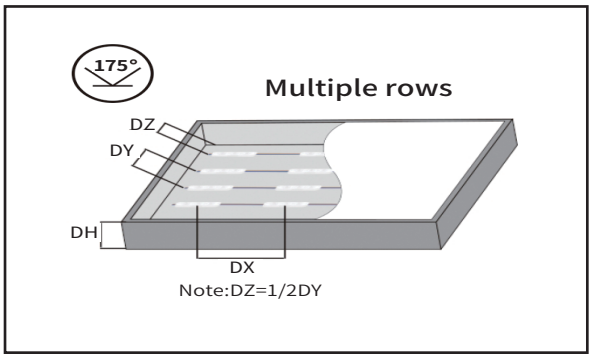


Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
VR33-W30	white	3000	>80	1.0	160	160	24	50	1600
VR33-W40	white	4000	>80	1.0	160	160	24	50	1600
VR33-W50	white	5000	>80	1.0	160	160	24	50	1600
VR33-W65	white	6500	>80	1.0	160	160	24	50	1600
VR33-W70	white	7000	>80	1.0	160	160	24	50	1600
VR33-R	red	620-630	-	0.72	25	35	24	50	1600
VR33-G	green	515-525	-	0.72	50	70	24	50	1600
VR33-B	blue	455-465	-	0.72	8	11	24	50	1600

DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m²)	Lumen per m² (Lm) based on 7000K
dh=60	dx=125, dy=125	64	1024
dh=75	dx=142, dy=142	49	7840
dh=100	dx=167, dy=167	36	5760
dh=125	dx=195, dy=167	30	4800
dh=150	dx=195, dy=167	30	4800



POWER SUPPLY CAPACITY 24V SERIES

Item	xx2430	xx2460	xx24100	xx24150	VP24240	VP24400
Power Output	30W	60W	100W	150W	240W	400W
VR33-W70 modules per power supply	27	54	90	135	216	360
VR33-R/G/B modules per power supply	37	75	125	187	300	500
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
VR33-W70	200	10	1600	16.5	650x290x320
VR33-R/G/B	200	10	1600	16.5	650x290x320