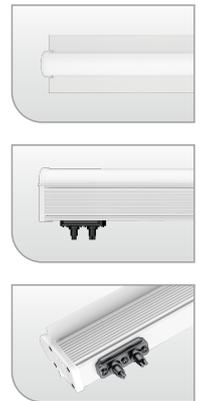


# CV8B

I-City Vision Series Linear Lamp  
I-CITY VISION SERIES CV8B



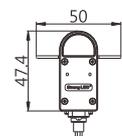
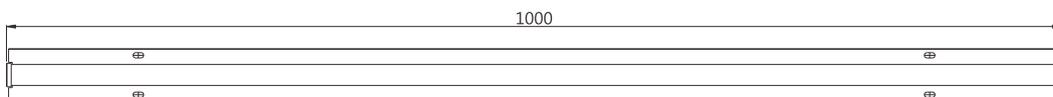
## ICON



## Features:

- The new generation of green high-tech lighting products is an ideal choice for line lighting decoration, building contours, and strip short distance floodlighting.
- The wind resistance level reaches level 10 or above.
- The appearance can be customized according to the color of the curtain wall, allowing the product to better integrate into the building.
- DC24V power supply ensures effective feeding, signal transmission, and low line losses.
- Constant current drive, built-in PWM grayscale control, grayscale level 256/65536

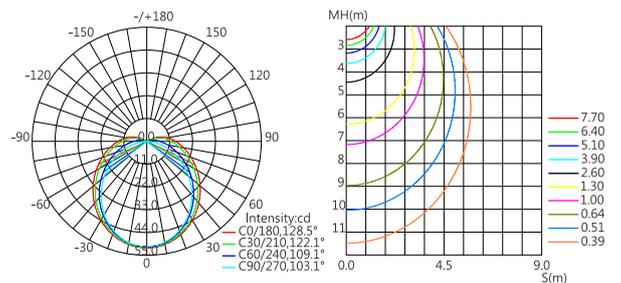
## Dimension Details: Unit:mm



## Photometry:

- Lamp Source : SMD 3535
- Beam Angle ( 50% ) : 120°

Average Beam Angle (50%): 115.7°degree Isolux Curve (lx)



Note: Test data is based on CV8B-W1000-0048CTA-00 only.

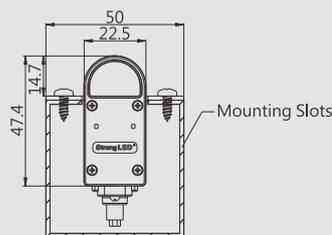
## Beam Angle Curve:



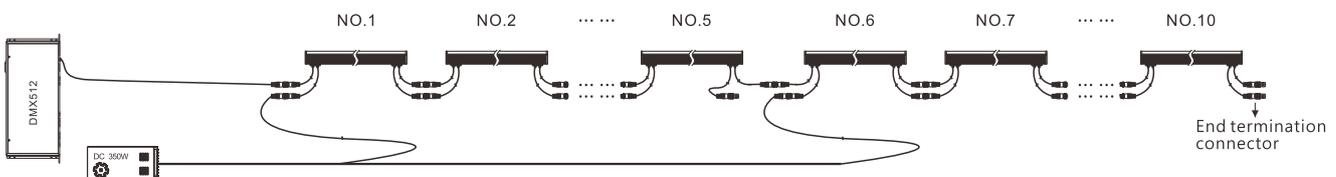
## Technical Specification:

LED Type	CREE / OSRAM / LUMILEDS SMD		
LED Quantity	48 pcs	24 pcs	12 pcs
Power Rating(MAX,±10%)	14.4 <sub>(monochrome)</sub> /13.2 <sub>(RGB)</sub> W	7.2 <sub>(monochrome)</sub> /6.6 <sub>(RGB)</sub> W	3.6 <sub>(monochrome)</sub> /3.3 <sub>(RGB)</sub> W
Luminous Flux	620 lm@3000K	310 lm@3000K	155 lm@3000K
Luminous Efficacy	43 lm/W	43 lm/W	43 lm/W
Grayscale Level	8bit*3 ( 256*256*256 ) 16bit*3 ( 65536*65536*65536 )		
Viewing angle	≥120°		
Input Voltage	DC24V		
Environmental Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)		
Material (Housing)	Anodized aluminum + PC mask (transparent and diffusion optional)		
Cable Type	Signal/power: Outdoor special rubber sheathed cable		
Specification Size(without bracket)	1000*50*47.4mm	500*50*47.4mm	252*50*47.4mm
Weight	0.9kg	0.5kg	0.3kg
Number of Pixel Dots	16	8	4
Control Type	DMX512		
IP Rating	IP 65		
Life Span	≥50000 Hours		
Application	Outdoor		
Light source color	Luminous flux		
6500K	518 lm Ra 80	259 lm Ra 80	130 lm Ra 80
5700K	518 lm Ra 80	259 lm Ra 80	130 lm Ra 80
5000K	509 lm Ra 80	254 lm Ra 80	127 lm Ra 80
4000K	496 lm Ra 80	248 lm Ra 80	124 lm Ra 80
3000K	496 lm Ra 80	248 lm Ra 80	124 lm Ra 80
2700K	488 lm Ra 80	244 lm Ra 80	122 lm Ra 80
2200K	480 lm -	240 lm -	120 lm -
Red	120 lm	60 lm	30 lm
Green	391 lm	196 lm	98 lm
Blue	136 lm	68 lm	34 lm
RGB	85 lm	43 lm	22 lm
RGB+W	-	-	-

## Installation Details: Unit: mm



## System Schematic Diagram: Note: The luminaires are RGB with 16 pixel points per luminaire.



- The power connection section is for reference only and is subject to actual site conditions.
- Product specifications are updated, if you need, please contact us!