

# F-LED 367 (WIDE BEAM)



## INTRODUCTION

Wamco F-LED 367 is an LED illumination system for front and back lit channel letters as well as indoor and outdoor decorative lighting applications. F-LED 367 is typically used in medium and large depth channel letters and box signs. F-LED 367 provides many advantages including brilliant light output, significant energy savings, and reduced maintenance cost.



## FEATURES

- Energy efficient
- Wide 155° beam angle
- Uniform light distribution
- High brightness
- Long service life (up to 50,000 hours L70)
- Easy installation and maintenance
- 100% waterproof (IP67)
- Safety due to low voltage operation (12VDC)
- 5 year warranty

## APPLICATIONS

- Signage (medium and large depth channel letters and box signs, 100 ~ 200mm)
- Indoor & outdoor lighting decorations

## CERTIFICATIONS

- UL (E258512), CE, RoHS



## SPECIFICATIONS

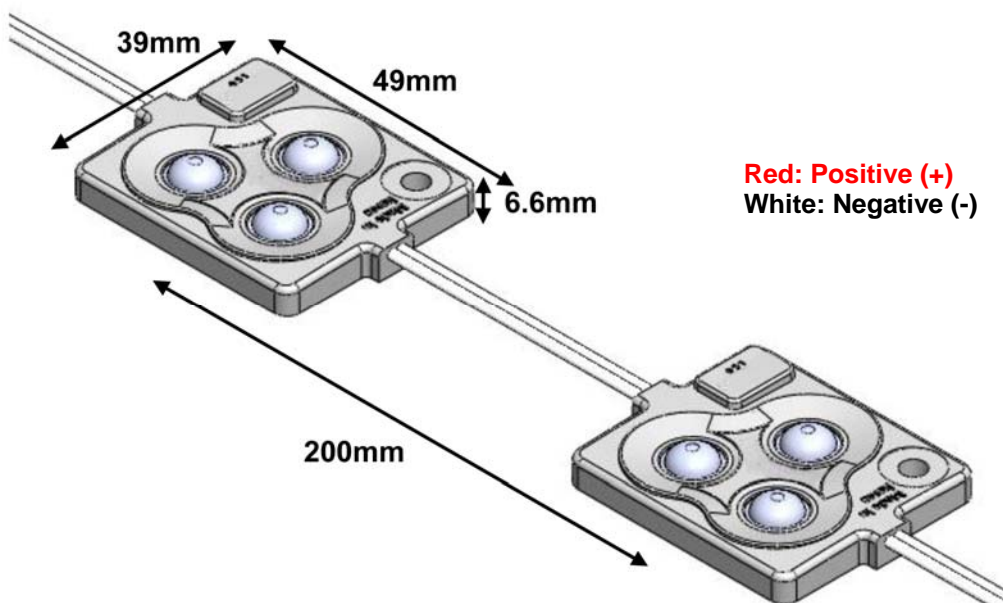
Operating Temp.: -20°C~+70°C

Color	White
Part Number	WL-BFL367-DW12
Input Voltage	12VDC
Operating Current	0.1A (Max.)
Power Consumption	1.2W (Max.)
Dimension	49mm(L) x 39mm(W) x 6.6mm(H)
Beam Angle	155°
Luminous Flux (Typ.)	100lm
Color Temperature (Typ.)	6500K (6000K~7000K)

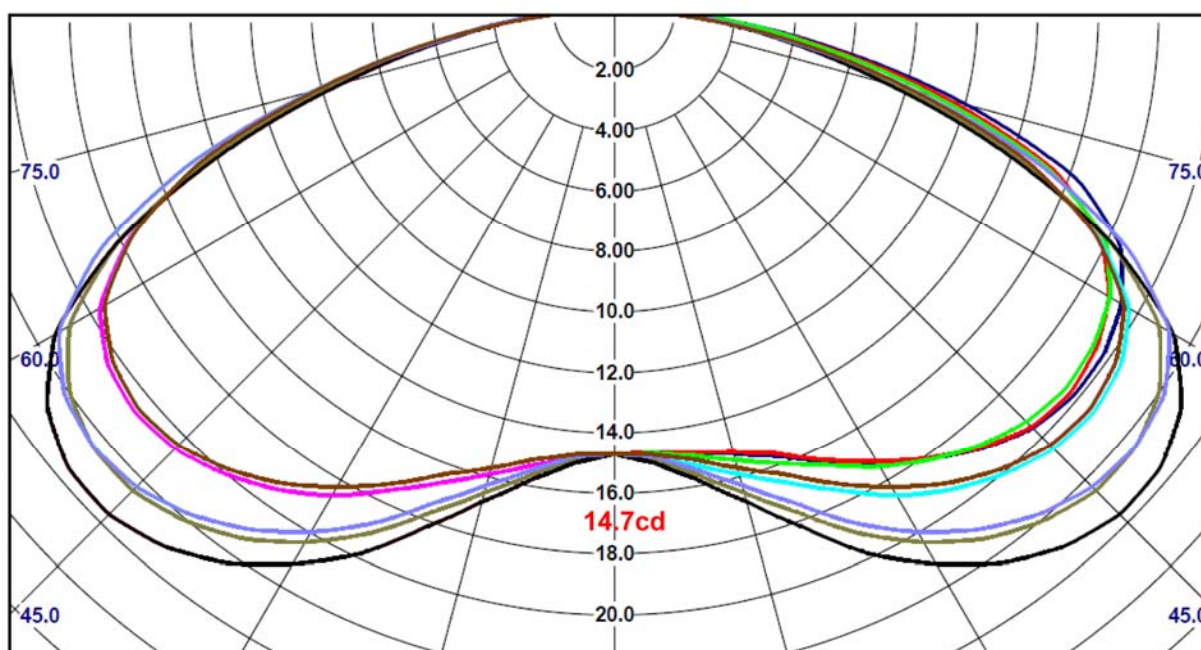
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## PHYSICAL SPECIFICATIONS (unit: mm)



## LUMINOUS INTENSITY DISTRIBUTION (white, unit: cd)



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## PART MARKING



Indicates back side of module

**L7W**

L: Manufacturing Year (A: 2001 ~ L: 2012)  
9: Manufacturing Month (9: September)  
W: Color (W: White)

## PACKAGING

1 pack = 30 modules (6m)

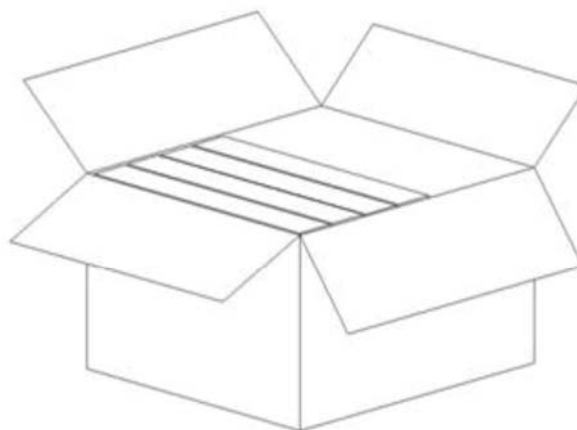


**WL-BFL367-DW12**

Color : WHITE



SERIAL No : 051207 -1

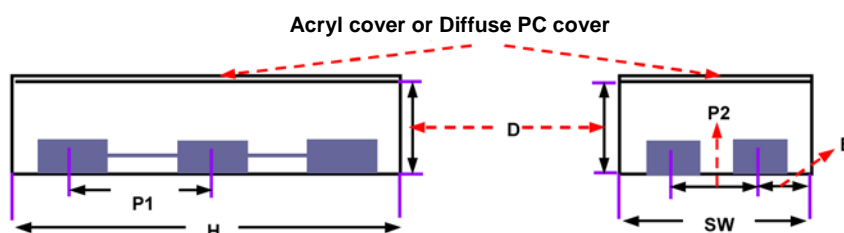
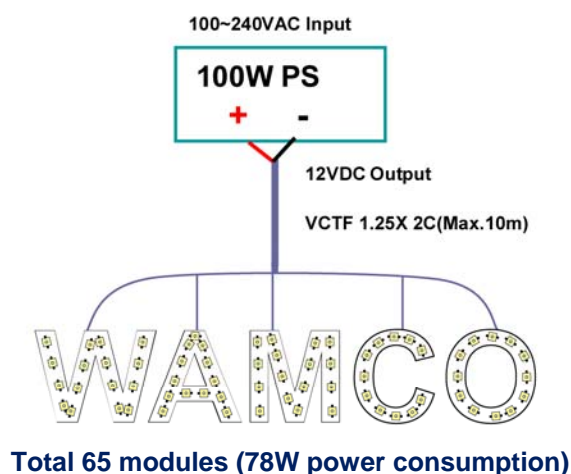


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## INSTALLATION

- Recommended depth: 100mm~200mm
- Recommended installation pitch between centers of the modules: 150~200mm at 100mm~150mm depth
- Maximum module number connected in series: 30 modules
- Installation layout (example): channel height 100mm, channel depth 120mm, stroke width 200mm



H	Channel Letter Height	
D	Channel Letter Depth	100mm~200mm
SW	Channel Letter Stroke Width	
E	Distance Between Center of LED Module to Edge of Channel Letter	30mm~100mm
P1	Installation Pitch in a Row	150mm~200mm
P2	Installation Pitch in a Column	150mm~300mm

Primary DC Cable Specification Table

Number of Modules Connected	Cable Specification
~120 modules	VCTF 1.25X2C
~180 modules	VCTF 2.0X2C
~300 modules	VCTF 3.5X2C
~420 modules	VCTF 5.5X2C

Power Supply Capacity Table

Power Supply	Maximum Number of Modules Connected
20W 12VDC	13 modules
40W 12VDC	26 modules
60W 12VDC	39 modules
100W 12VDC	65 modules
300W 12VDC	195 modules
600W 12VDC	390 modules