

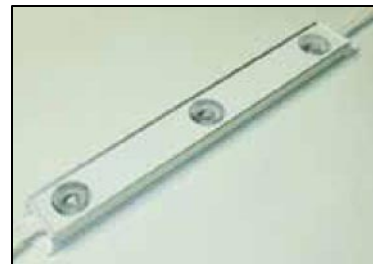
F-LED 357

Edge Lighting System



INTRODUCTION

Wamco F-LED 357 is an illumination system for edge lighting of single and double sided cabinet and box signs. F-LED 357 is typically used for edge lighting of signage but may also be used for a variety of indoor and outdoor illumination applications. F-LED 357 provides many advantages such as brilliant light output, energy savings, and maintenance cost reduction.



FEATURES

- Edge lighting of single or double sided signage
- Energy efficient
- High brightness
- White and warm white available
- Long life time (up to 50,000 hours)
- Easy installation and maintenance
- 100% waterproof (IP67)
- Safety due to low voltage (12VDC)
- 5 year warranty



APPLICATIONS

- Single and double sided cabinet and box signs
- Indoor & outdoor lighting decorations

CERTIFICATIONS

- UL (E258512), CE, RoHS



SPECIFICATIONS

Operating Temp.: -20°C~+70°C

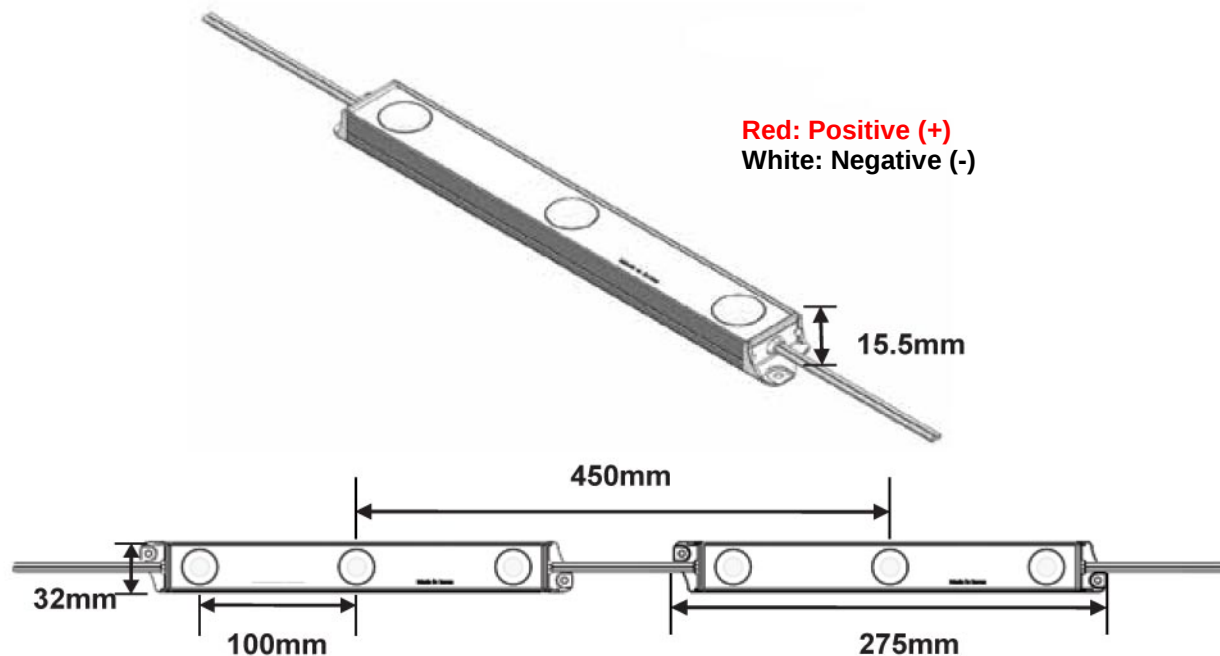
Color	White	Natural White	Warm White
Part Number	WL-BFL357-DW12	WL-BFL357-DN12	WL-BFL357-DL12
Input Voltage	12VDC	12VDC	12VDC
Operating Current	0.7A (Max.)	0.7A (Max.)	0.7A (Max.)
Power Consumption	8.4W (Max.)	8.4W (Max.)	8.4W (Max.)
Beam Angle	10°x50°	10°x50°	10°x50°
Luminous Flux (Typ.)	510lm	510lm	450lm
Color Temperature (Typ.)	6500K (6000K~7000K)	5000K (4700K-5300K)	3000K (2900K~3200K)
Dimension	275mm (L) x 32mm (W) x 15.5mm (H)		

F-LED 357

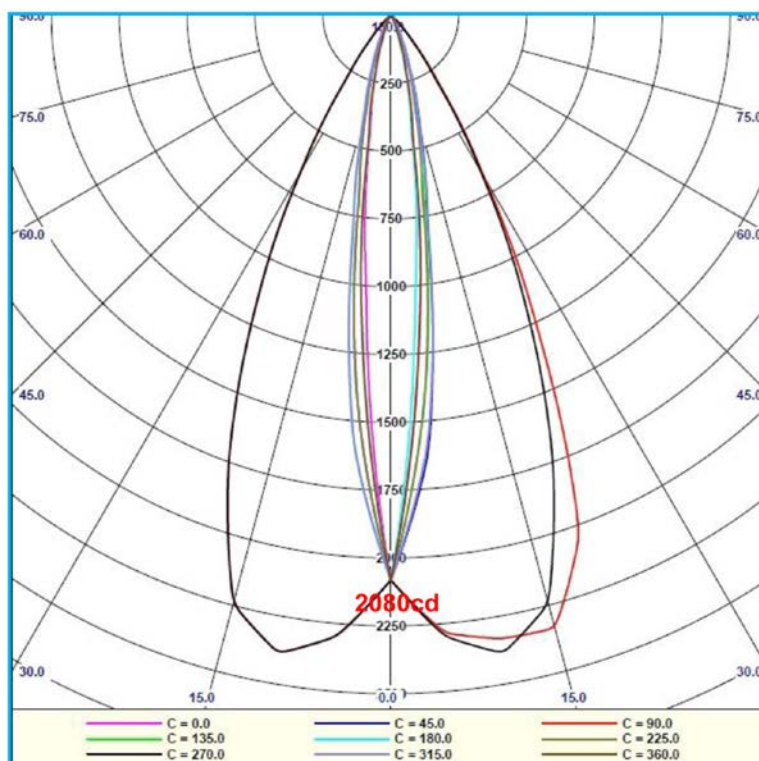
Edge Lighting System



PHYSICAL SPECIFICATIONS (unit: mm)



LUMINOUS INTENSITY DISTRIBUTION (unit: cd)



F-LED 357 Edge Lighting System



SERIAL NUMBER



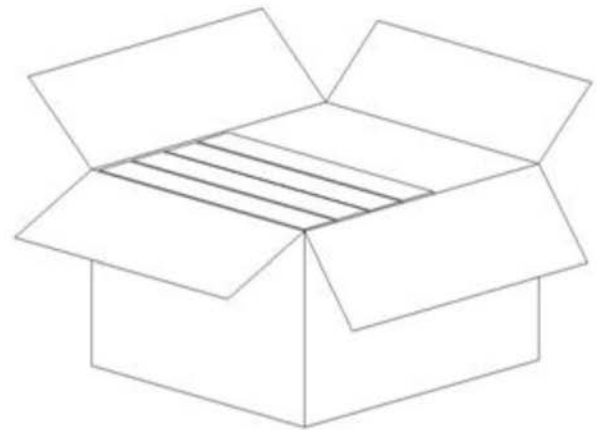
**F-LED 357 12VDC
8.4W, CCT 6500K, 120701**

Manufacturing date: July 1, 2012

PACKAGING



1 pack = 8 modules



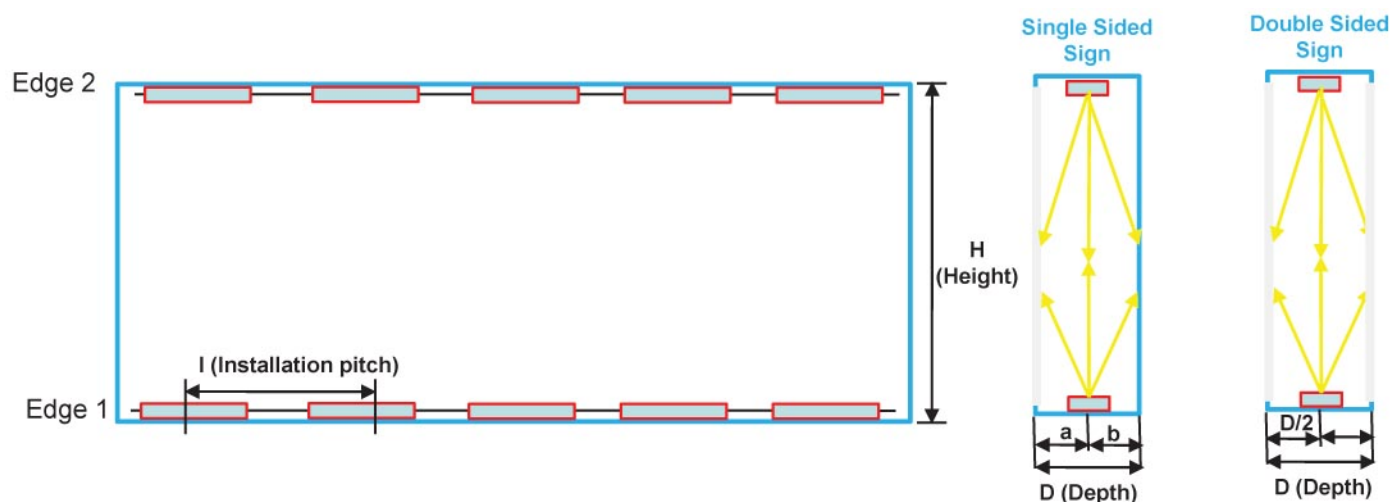
**9 packs (72 modules)
Box size: 350mm x 560mm x 240mm
Gross weight: 16kg**

F-LED 357 Edge Lighting System



INSTALLATION

- Recommendable box depth: 100mm~300mm
- Recommendable Installation Layout:



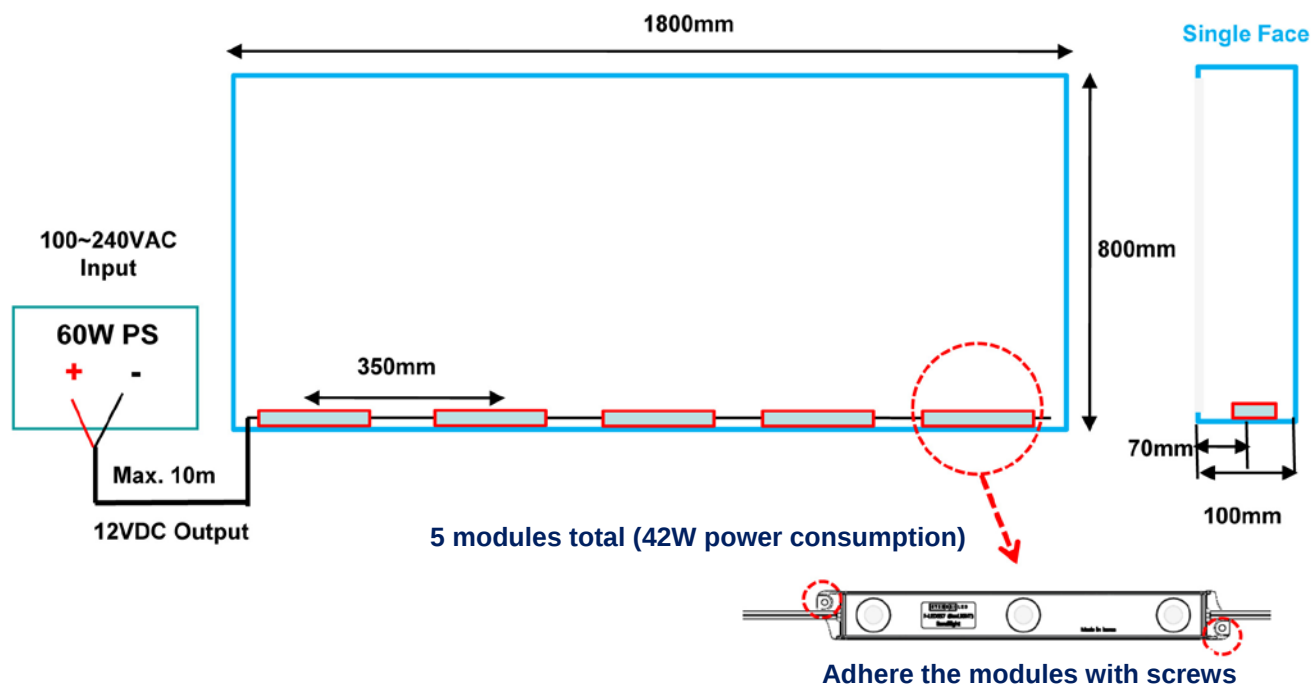
Depth / Height	Single Sided Sign		Double Sided Sign	
	H= 400~1000mm	H=1000~2500mm	H=400~800mm	H=800~2000mm
D = 90~140mm	I = 350mm a = Minimum 70mm One edge Lit	I = 350mm a = Minimum 70mm Two edges Lit		
D = 140~200mm	I = 350~400mm a = D/2 One edge Lit	I = 350~400mm a = D/2 Two edges Lit	I = 350~400mm One edge Lit	I = 350~400mm Two edges Lit
D = 200~300mm	I = 350mm~450mm a = D/2 One edge Lit	I = 350mm~450mm a = D/2 Two edges Lit	I = 350~450mm One edge Lit	I = 350~450mm Two edges Lit

F-LED 357 Edge Lighting System



INSTALLATION

- Example: 1800mm (W) x 800mm (H) x 100mm (D)



- Max. module number connected in series: 8 modules



- Primary DC Cable Specification Table

Module Number Connected	Cable Specification
~16 modules	VCTF 1.2Xx2C
~25 modules	VCTF 2.0X2C
~42 modules	VCTF 3.5X2C

- Power Supply Capacity Table

Power Supply	Max. Module Number Connected
20W 12VDC	2 modules
40W 12VDC	4 modules
60W 12VDC	6 modules
100W 12VDC	10 modules
300W 12VDC	30 modules
600W 12VDC	60 modules

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