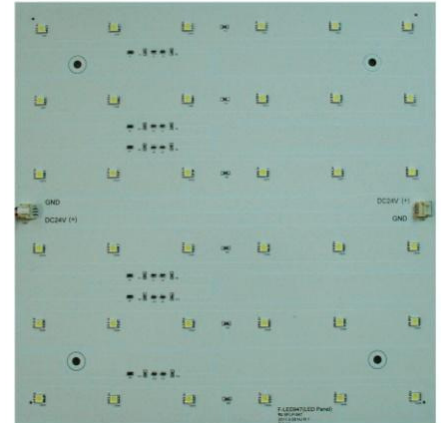


INTRODUCTION

F-LED 947 is wide panel LED illumination system for internally lit Sign box applications. A **F-LED 947** panel comprises thirty-six high brightness but low electrical power, White SMD LEDs arrayed across a rigid print circuit board. Panels are designed for fast and simple 4-point fixing into Sign boxes and it requires only six 24V panels, linked together using the plug and socket connectors, to complete a 900 x 600mm light box. Further sets of panels can be connected in parallel. A special coating protects **F-LED 947** panels against dust and moisture ingress.



FEATURES

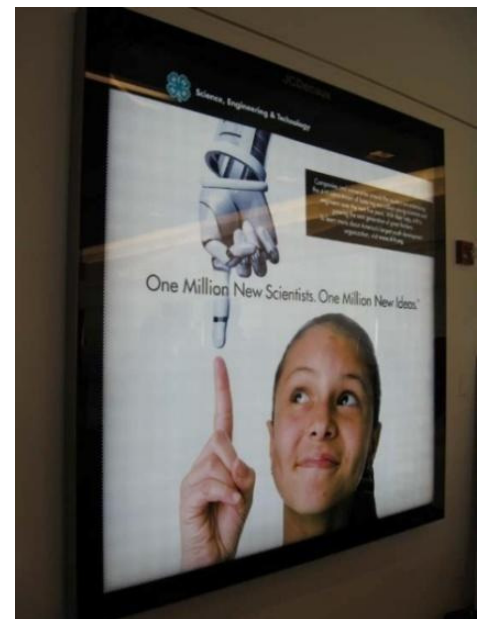
- Energy efficient (68 lumens per Watt)
- Long life time (up to 30,000hrs)
- Fast, simple installation & no maintenance
- Weatherproof coating (IP65)
- Safe low voltage operation (**24VDC**)
- 3 year warranty

APPLICATIONS

- Sign box applications

CERTIFICATIONS

- CE, UL



SPECIFICATIONS

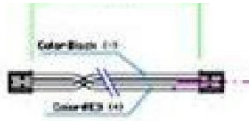
Model	F-LED 947 (LED Panel)
Model No.	BFL947-DW24
Dimension	290mm(W) x 290mm(L) x 6.75mm(H) (PCB Thickness=1.65mm)
Input Voltage	24VDC
Operating Current	0.33A
Power consumption	7.92W
View angle	120°
Luminous Flux (Typ.)	540 lm
CCT	7500K (7000~8000K)

- Operating Temp. : -20°C~+70°C

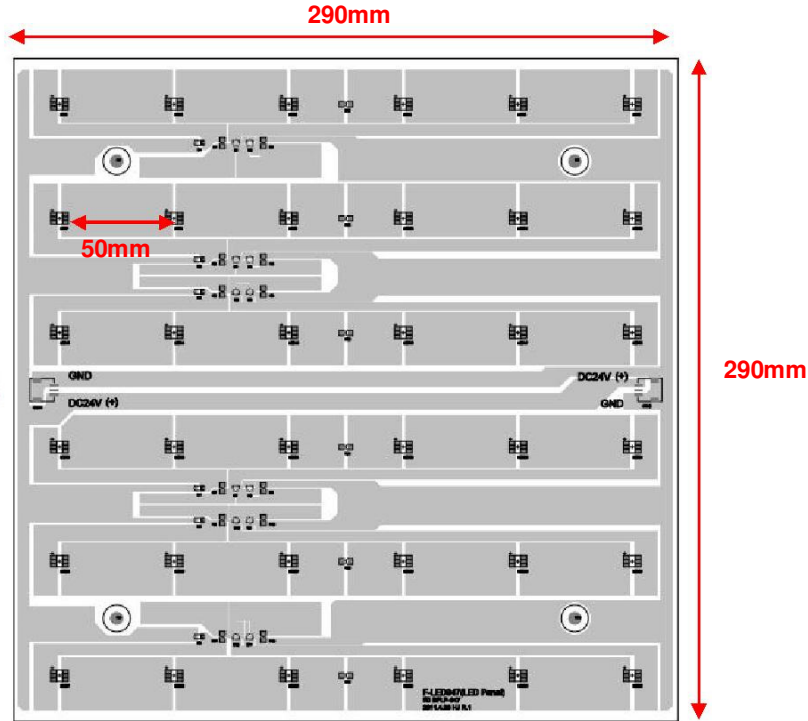
Oshino Lamps (UK) Limited, Brookfield House, Brookfield Road, Arnold, Nottingham NG5 7ER.
Website www.superorbisled.co.uk Email sales@oshino.co.uk Tel 0115 920 9513 F 0115 920 9886

Dimensions and supply multiple (Unit: mm)

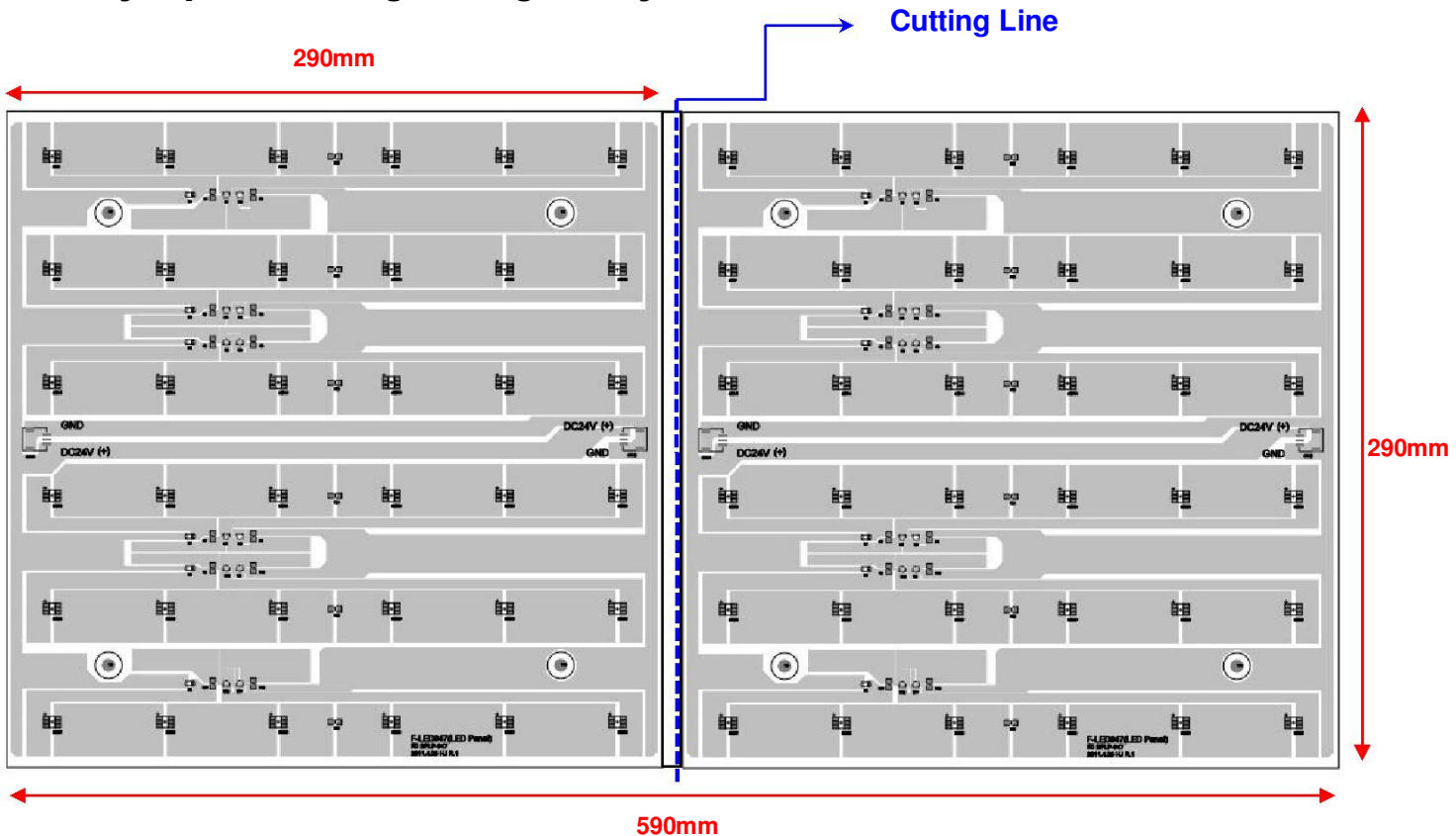
Link cable Short 50mm
Link cable Long 500mm
(use for Starter cable)



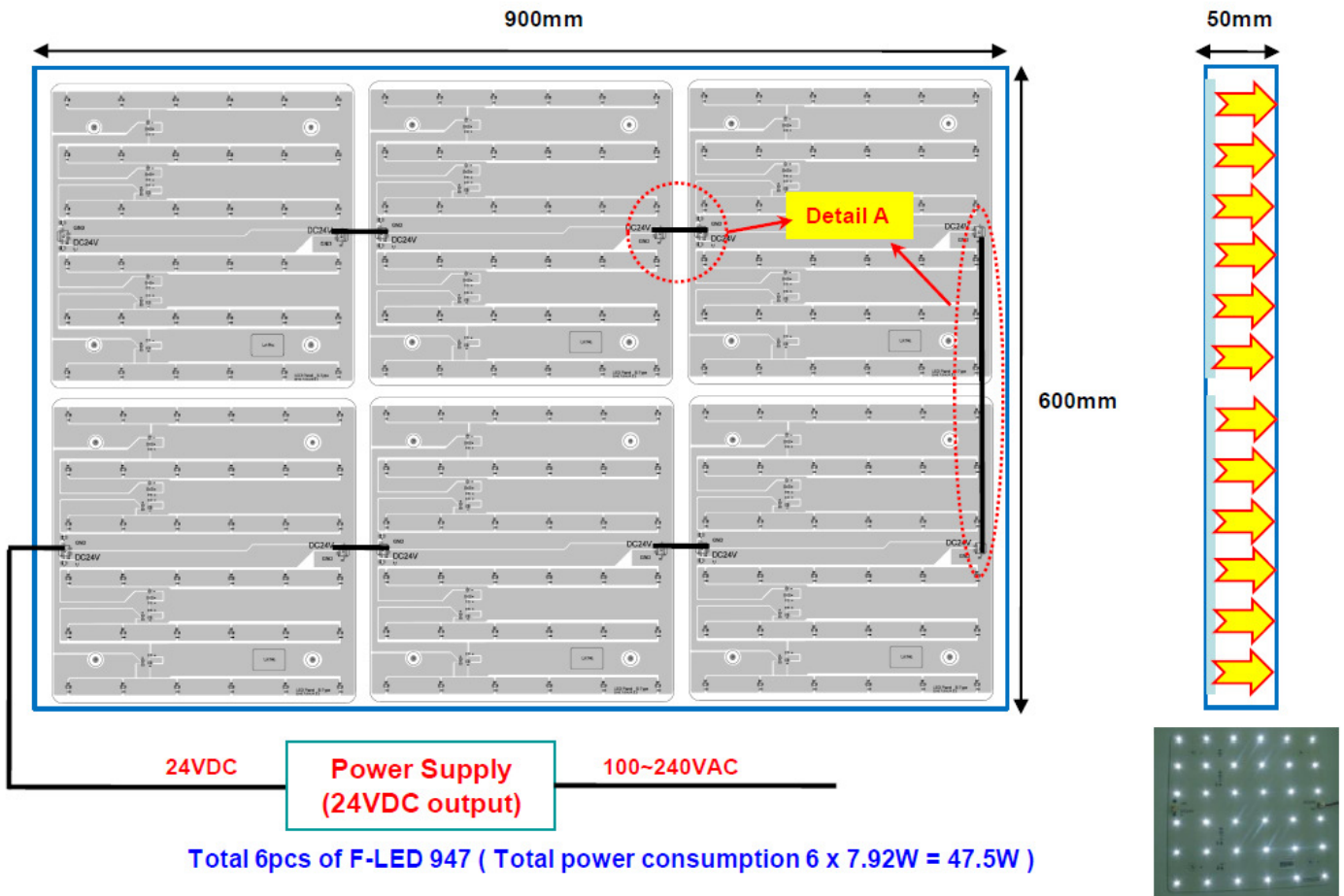
Red : 24VDC(+)
Black : 24VDC(-)



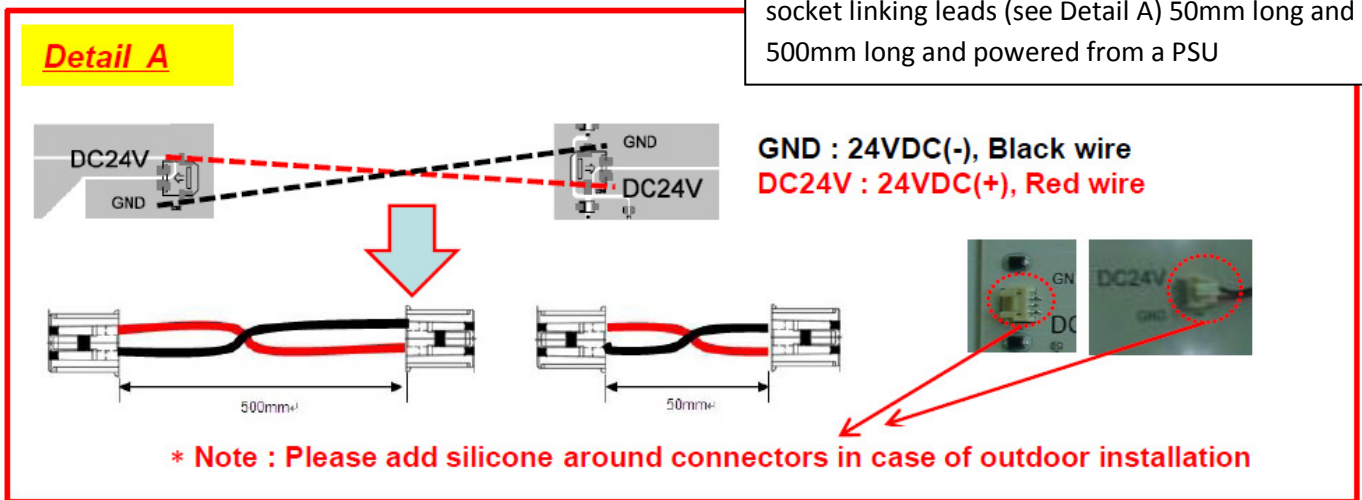
Supply multiple: 2pcs Panels supplied ready for installation (just needs linking wire) or can be easily separated along 'cutting line' by installer



INSTALLATION



6pcs F-LED 947 connected together using plug and socket linking leads (see Detail A) 50mm long and 500mm long and powered from a PSU



- Maximum connection in series : 6pcs
- Maximum Power use from the power supply :
 - Maximum 80% load in total power consumption of the power supply
 - Example: The maximum 10pcs of F-LED 947 can be connected to a 100W (24VDC output) power supply ($10 \times 7.92W = 79.2W$ load in a 100W power supply)