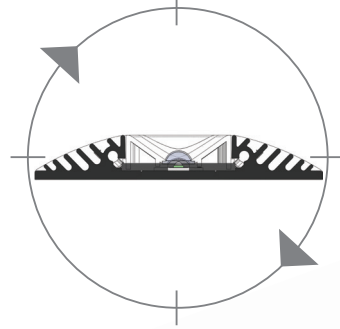# Labcraft
DESIGN LED LIGHTING

POWERLUX™ (SI3)

- High output CREE LEDs
- Multi-voltage (10-32V)
- Low energy, long life
- PIR option (24V only)
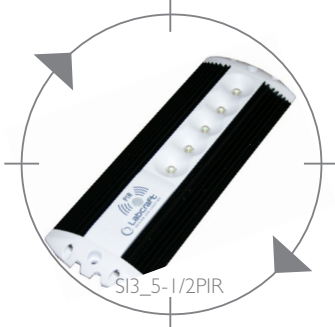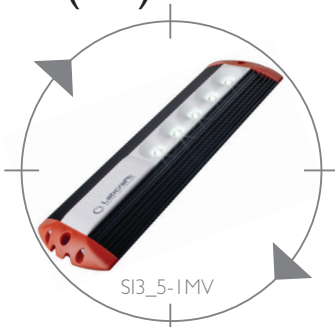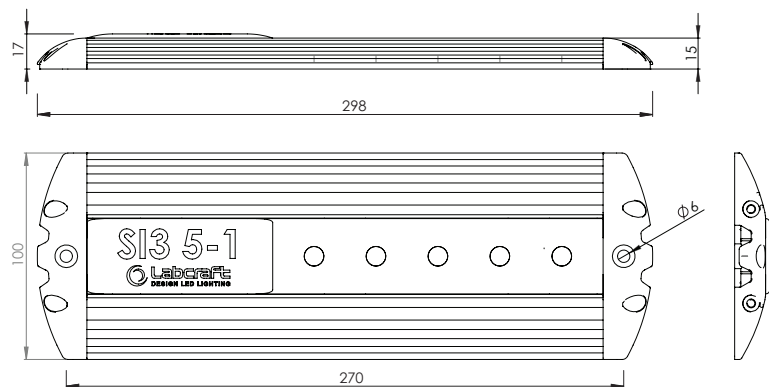- Waterproof to IP67

Internal View

See technical specs overleaf >>>

REV C

Made in the UK

POWERLUX™ (SI3)

SI3_5-1MV

SI3_5-1/2PIR

SI3_5-3MV

HYPERLUX

- **High output CREE LEDs-** This technology produces a clean white light and creates a safe working environment. The Powerlux will comfortably provide you with 20 Lux - the minimum suggested level for lighting in the work place.

- **Low energy, long life -** LED technology uses 70% less energy than halogen bulbs and lasts 50 times longer, saving on maintenance costs and vehicle downtime.

- **Multi-voltage (10-32V) -** Engineered to suit a broad range of vehicles and their voltages, the circuitry can withstand changes in voltage and will provide a constant light output.

- **PIR option -** The PIR Powerlux (SI3_5-1/2PIR) is available in a 24VDC version. It senses movement and will turn off after 7 mins, ensuring that energy isn't wasted and therefore increasing battery life.

- **Waterproof to IP67 -** The Powerlux (excluding PIR) is suitable for installation in a variety of environments, including refrigerated vehicles.

Dimensions: 17 / 298 / 15 / 100 / 270 / φ6

SI3 5-1

Specification

ALL DIMENSIONS HAVE A TOLERANCE OF +/-1mm

POWERLUX™ (SI3)			SI3_5-1 MV	SI3_5-3 MV	SI3_5-1/2 PIR
Voltage Range	VDC		10-32	10-32	20-28
Average Current	A		12V = 0.67 24V = 0.32	12V = 1.25 24V = 0.6	0.37
Light Output	lm		671	1068	671
LED Power	W		5 x 1.4W =7W	5 x 2.5W = 12.5W	5 x 1.4W = 7W
Weight	kg		0.44	0.44	0.45
Temp. Range	°C		-30 to +40	-30 to +40	-30 to +40