

## INSTALLATION INSTRUCTIONS

This instruction sheet covers the installation of the Kopa 7 to 60W watt recessed down light fittings from KOPA Global Pty Ltd.

This data sheet contains information necessary to ensure compliance with AS/NZS 60598.2.2:2018 Luminaires Part 2.2: Particular Requirements – Recessed Luminaires.

### CAUTION

#### LED Drivers must always be installed above insulation

This fitting although deemed to be safe if inadvertently covered with insulation is NOT RECOMMENDED and will SIGNIFICANTLY REDUCE the service life of the luminaire and make void any warranty.

Refer to the standards below for more detailed information or default values; AS/NZS 60598.2.2:2018 Luminaires Part 2.2 Particular requirements - recessed luminaires.

AS/NZS 3000:2018 Wiring rules.

SCB = Side Clearance to any building element

HCB = Height Clearance to any building element

SCI = Side Clearance to insulation

SCG = Side Clearance to control gear.

WATTAGE	Up to 60W
SCB	40mm Minimum
HCB	Refer to CUT OUT GUIDE
SCI	Can abut insulation
SCG	100mm minimum (above insulation)

\*HCB = Refers to the minimum recommended clearance above the LED heatsink and any overhead obstruction (Please note that if positioned under a building structure which generates heat, for example, - a metal roof, a greater HCB will be required to avoid the fixture operating in excessive ambient temperatures.)

## HOLE CUT OUT GUIDE

PART	MIN. CUT OUT	MAX. CUT OUT	*HCB CLEARANCE
AR52	43mm	45mm	35mm
FR100	86mm	90mm	35mm
FS100	82mm	88mm	35mm
FR110[A-D]	95mm	100mm	35mm
AR110	91mm	100mm	35mm
AT125	106mm	115mm	35mm
FR130	107mm	120mm	35mm
FRDB130	116mm	120mm	35mm
FR140TL	134mm	140mm	35mm
FR190	134mm	180mm	35mm
FR140	123mm	130mm	45mm
AR160	138mm	150mm	45mm
K1235-AT160	146mm	150mm	45mm
K1235-FR170	141mm	155mm	45mm
K1235-FR210TL	205mm	210mm	45mm

PART	MIN. CUT OUT	MAX. CUT OUT	*HCB CLEARANCE
K1235-FR280	205mm	270mm	45mm
K4860-AT160	146mm	150mm	100mm
K4860-FR170	141mm	155mm	100mm
K4860-FR210TL	205mm	210mm	100mm
K4860-FR280	200mm	270mm	100mm
KSA0718-B1	110x110mm	113x113mm	35mm
KSA0718-B2	110x215mm	113x217mm	35mm
KSA0718-B3	110x321mm	113x323mm	35mm
KSA1235-B1	158x158mm	160x160mm	45mm
KSA1235-B2	158x328mm	160x332mm	45mm
KSA1235-B3	158x500mm	160x505mm	45mm
KSL B1/F1	110x110mm	112x112mm	30mm
KSL B2/F2	110x215mm	112x218mm	30mm
KSL B3/F3	110x320mm	112x322mm	30mm
KSL B6/F6	110x583mm	112x585mm	30mm

### IMPORTANT

Before cutting holes please check the actual product dimensions as supplied. Due to manufacturing processes the physical dimension of the supplied product may differ from the published data. Kopa reserves the right to make minor changes without notice.

**ALWAYS CONNECT DRIVER TO LED BEFORE ENERGISING**, failure to do this can cause irreversible damage which is not covered by warranty