

Threaded Body with Integral Lens

LDI3/18 Range

The **LDI3/18** is a small and very discreet LED light pod with an injection moulded thermally conductive plastic body acting as a very effective heat sink and incorporating an 18mm thread and lock nut for simple installation.
(NB: Requires 18.5mm clearance hole with access to the rear).

The **LDI3/18** light pods (silver or white front bezel) offer two distribution types.

LDI3/18/105 (WIDE BEAM)

The **LDI3/18/105** light pod offers 105 degree wide angle lens configuration ideal for illumination of open areas with mounting heights below 3.5m.

LDI3/18/C ('CORRIDOR' BEAM)

The **LDI3/18/C** light pod offers a dissymmetric lens providing a narrow beam across the width of a corridor and extremely wide (batwing) distribution along the length of the corridor.

For emergency lighting applications the **LDI3/18** light pods incorporate an integral green/red bi-colour indicator suitable for standard emergency or Self-Test/DALI emergency.



LDI3/18/C ('Corridor' beam)



LDI3/18/105/WHT



LDI3/18/105/SL



LDI3/18/C/WHT

Typical Emergency Lighting Spacings

Mounting height Hm (m)	LDI3/18/105 @ 350mA		LDI3/18C @ 350mA	
	Spacing (m) min 0.5Lux open area	Spacing (m) min 1Lux escape	Spacing (m) min 0.5Lux open area	Spacing (m) min 1Lux escape
2.0	7.2	6.8	n/a	10.0
2.5	7.8	7.4	n/a	11.0
3.0	8.2	8.2	n/a	12.0
3.5	8.2	8.0	n/a	12.8

NB: Performance relative to the chosen driver — 350mA (preferred), 500mA or 700mA (maximum)
Full photometry (LDT files) are available for each output.

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Description

LDI3/18/105/WH	LDI3/18 – Wide beam; White body
LDI3/18/C/WH	LDI3/18 – Corridor lens; White body

Suffix for Options:

/SL	Silver body
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Available Power Supply solutions

Built-in Conversions

LDCK425 NON-MAINTAINED 425mA MINIATURE KIT.

Ideal for LDI3/18 light pod

Driver/charger module and 2.4Volt (2-cell) 3Ah C NiCd battery pack for 3 hour operation of 3Watt LED light pods. Battery is connected by a PCB mounted plug.

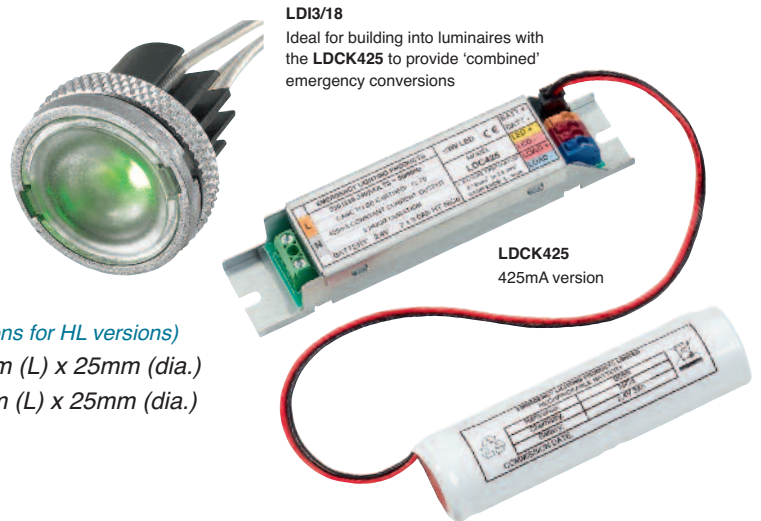
Module dimensions:-

130mm (L) x 28mm (W) x 21mm (H) *(same module dimensions for HL versions)*

Battery dimensions 425mA version:- *Single stick @ 100mm (L) x 25mm (dia.)*

Battery dimensions 700mA version:- *Two sticks @ 100mm (L) x 25mm (dia.)*

NiCd batteries can withstand continuous temperatures of 55°C.



Remote Conversions

LDCK330/40 NON-MAINTAINED 350mA 'SAUSAGE PACK'

Designed specifically to pass through the cut-outs for the LDE3 downlights the LDCK330/40 non-maintained 'sausage pack' offers a one-piece housing for the driver and high temperature Nickel Cadmium battery.

To ensure simple installation these units comprise a contractor friendly mains connector and the necessary LED connector for operation of ELP LDE3 downlights and LDI3/18 light pods.



Self-Test and DALI options

LM MAINTAINED KIT

(available with 350mA; 500mA or 700mA outputs)

Ideal for LDI3/18 light pod

Driver/charger module and appropriate 'plug-in' battery supplied in a protective tube providing 3 hour emergency operation of 3Watt LED light pods with automatic self-test or fully interoperable DALI when connected to a suitable DALI system.

Module dimensions:-

178mm (L) x 30mm (W) x 21mm (H)



Mains and Central Power supply options

LDPSU230 MAINS VOLTAGE DRIVERS

350mA, 500mA and 700mA drivers for low power LEDs.

Notes: Suitable for 110Volt AC/DC and up to 230Volt supplies.

'A', 'H' & 'E' case types offer different size and terminal options.



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