

LED Downlights

LDE3 and LDE3C

Where projects require the advantages of low energy/long life LEDs packaged in standard downlight products for plasterboard ceilings and ceiling tiles there are two simple and attractive solutions.

LDE3 RANGE

The **LDE3** downlight offers 105 degree wide angle lens configuration packaged in a very attractive plastic downlight fixing (silver or white plastic) via spring clips into a 45mm diameter cut-out. For emergency lighting applications (**/E3**) a 1mm green charge healthy indicator can be incorporated in the bezel.

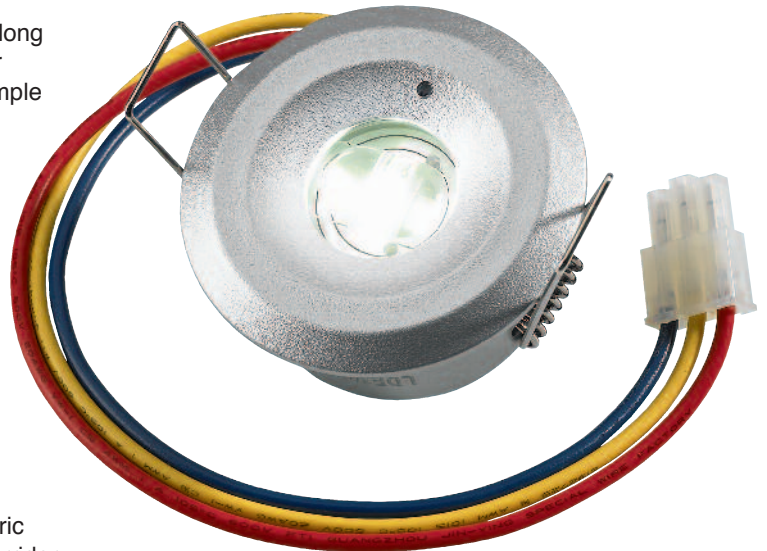
LDE3C (Corridor) RANGE

LDE3C LED downlights offer an incredible dissymmetric lens providing a narrow beam across the width of a corridor and extremely wide (batwing) distribution along the length of the corridor.

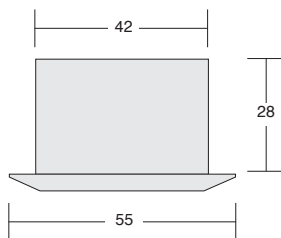
An installation using **LDE3C** downlights can achieve 1Lux minimum on the escape route when spaced at up to 12metres along a corridor.

/E3 versions are ideally suited for connection to the LDCK700/38 non-maintained emergency 'sausage pack' or a remote Maintained pack.

NB: For DALI and Self-Test applications the **/DALI** versions are available with a GREEN/RED charge/fault indicator in the bezel.



LDE3/105/SL Downlight



LDE3/105/SL 'Charging'

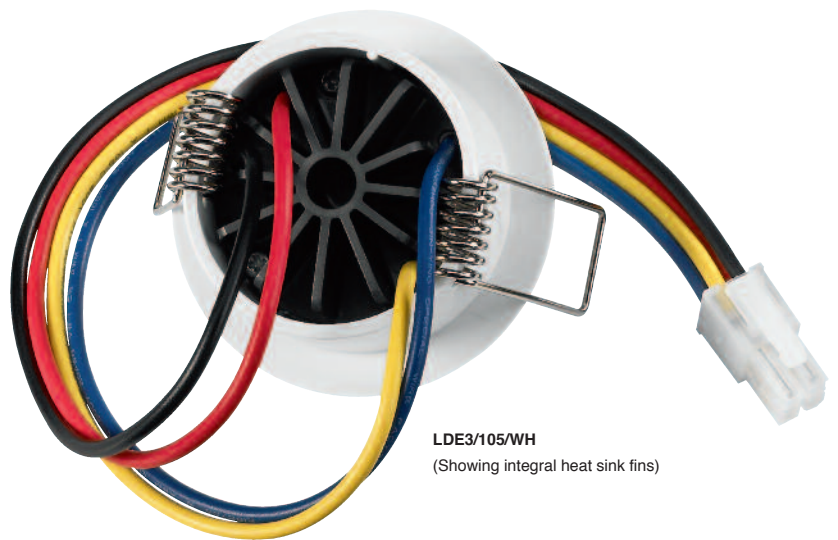
LED Downlights

TYPICAL EMERGENCY LIGHTING SPACINGS FOR 100LUMEN OPERATION OF LDE3 and LDE3C CORRIDOR DOWNLIGHT

Mounting height Hm (m)	LDE3/105		LDE3C	
	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	6.9	6.6	n/a	10.0
2.5	7.2	6.9	n/a	10.8
3.0	7.8	8.0	n/a	11.9



LDE3C



LDE3/105/WH
(Showing integral heat sink fins)

ORDER CODES	Description
LDE3/105/WH	105° beam cone
Suffix:	
/SL	Silver body
/E3	Integral charge healthy indicator
/DALI	As above but with 4-wire connector and bi-colour indicator
LDEC3/WH	Narrow beam dissymmetric lens
Suffix:	
/SL	Silver body
/E3	Integral charge healthy indicator
/DALI	As above but with 4-wire connector and bi-colour indicator