

# Harmonia LED retrofit downlight

A modern looking downlight that has all the benefits of LED technology without incompatibility issues between MR16 lamps and existing transformers.



## Catalogue No.

**FLDL703MK16, FLDL903KMK16, FLDL704KMR16, FLDL904KMR16**

Ideal for retrofitting MR16 halogen downlights  
in lift lobbies, cafés, hotels and shopping centres.

## Features

- Smart integrated electronics ensure a smooth operation between lamp and transformer
- 7W (550lm) or 9W (710lm)
- Substantial energy saving when compared to a 35W or 50W MR16 halogen lamp
- Choice of 3,000K or 4,000K colour temperature
- 70mm or 90mm cut-out
- IP44
- Spring clips for ease of installation
- 3 year warranty
- Useful life of LEDs L70 @ 35,000 hours

## FAMCO LIGHTING PTY LTD

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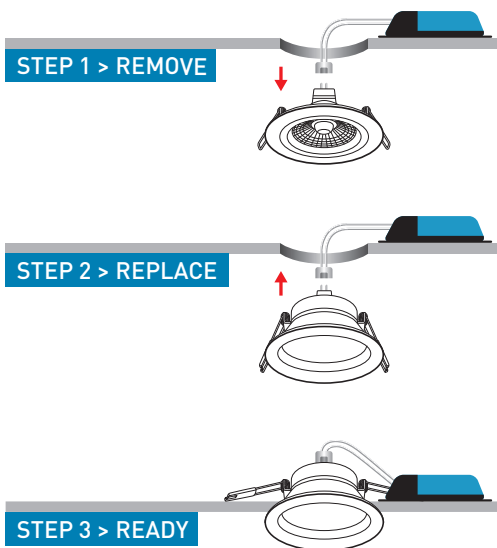
# Harmonia LED retrofit downlight

| Cat No.                      | FLDL703KMR16  | FLDL704KMR16 | FLDL903KMR16 | FLDL904KMR16 |
|------------------------------|---------------|--------------|--------------|--------------|
| Supply voltage               | 12V a.c. 50Hz |              |              |              |
| Input power                  | 7W            |              | 9W           |              |
| Lumens output                | 550lm         | 590lm        | 710lm        | 770lm        |
| Colour temperature (Nominal) | 3000K         | 4000K        | 3000K        | 4000K        |
| Colour Rendering Index (CRI) | 80+           |              |              |              |
| Beam angle                   | 85°           |              | 95°          |              |
| Dimmable                     | No            |              |              |              |
| IP rating                    | IP44          |              |              |              |
| Insulation Rating            | CA90          |              | IC           |              |
| Ceiling cut-out size         | Ø70mm         |              | Ø90mm        |              |
| Depth into ceiling           | 75mm          |              |              |              |
| Fascia size                  | Ø93mm         |              | Ø110mm       |              |

| Cat No.  | Average lifespan | Installation condition   |
|--|------------------|--|
| FLDL703KMR16<br>FLDL704KMR16<br>FLDL903KMR16<br>FLDL904KMR16 | 35,000h          | Rated average LED lamp life at 25°C when installed with the default insulation clearances specified by AS/NZS 3000:2007   |
| FLDL703KMR16<br>FLDL704KMR16                                 | 30,000h          | Rated average LED lamp life at 25°C when installed with the thermal insulation abutting the fixture in accordance with the CA90 rating specified in AS/NZS 60598.2.2   |
| FLDL903KMR16<br>FLDL904KMR16                                 | 30,000h          | Rated average LED lamp life at 25°C when installed with the thermal insulation abutting and covering the fixture in accordance with the IC rating specified in AS/NZS 60598.2.2   |

Note: This form of installation complies with the Wiring Rules AS/NZS 3000:2007 requirement for recessed downlights, clause 4.5.2.3.1 (i).

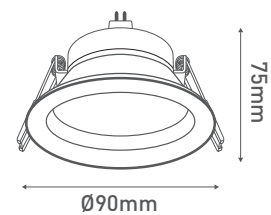
## Installation



## Dimensions

7W Harmonia LED

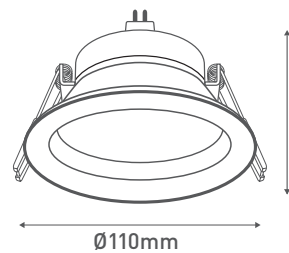
BEAM ANGLE 85°



70 MM CUT-OUT

9W Harmonia LED

BEAM ANGLE 95°



90 MM CUT-OUT

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