

**Description**

Recessed down-light fixed with optional anti-glare shield. Dimmable, IP rated.

Smallest dimensions, discreet with medium or narrow beam. Great for niches and step washing also.

**Materials**

Die-cast aluminium, Stainless steel 316S (marine grade)

**Colour finish**

Brushed stainless steel or -RAL

**Cut-out (mm)** 33 mm (35mm with sleeve)


**Weight (KG)** 0.15

**Light Source**

Option A. 3W LED (180 lms) 700mA 4v 36°

Option B. 3W LED (200 lms) 700mA 4v 10°

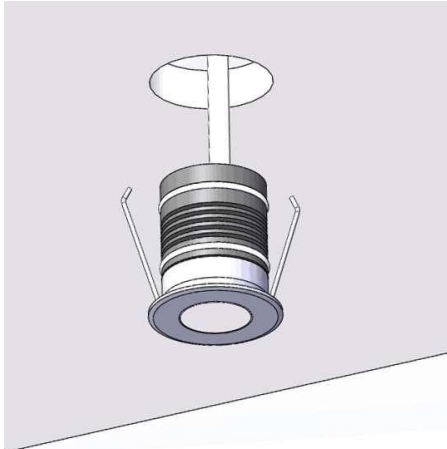
**CCT available** 2700K / 3000K

**Dimming:** Phase, 0-10v, DALI (remote). Casambi  allows dimming control of each fixture

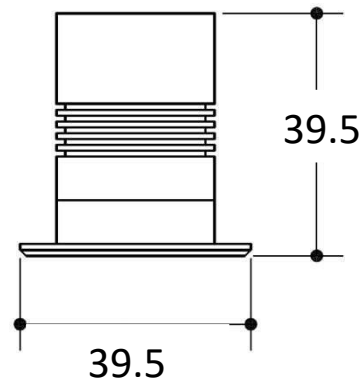
**Special Notes:** Supplied with conversion spring for use as niche-light  
optional anti-glare 'half-shield'  
custom finishes subject to extra charge



## Mini Flase



Supplied with fixing circlip for recessing in void



Driver does not pass through hole

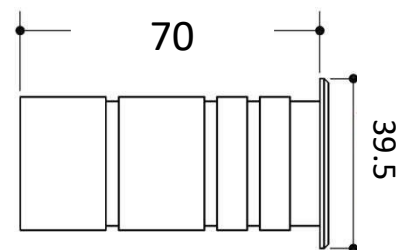


Remote driver required

REDUCE CABLE SIZE IN ORDER TO  
MAKE SECURE CONNECTION

### **WIRE-IN-SERIES**

WARNINGS - all enclosures and fittings for external lights must be at least IP65 - allow adequate drainage around fittings.



Optional sleeve for step lighting

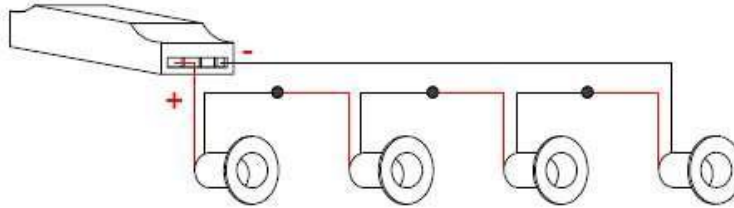
### **Accessories available to order**

-conversion spring for use as niche-light  
-anti-glare 'half-shield'

# Important Information

## Series Wiring

Constant current fittings should be wired in series when two or more fittings are powered from one driver. The correct circuit layout is depicted below. Failure to observe this WILL result in damage to LED's and / or driver, and may invalidate warranty.



## Warning

Ensure the driver is not powered until a complete circuit has been made, and do not disconnect LEDs until the circuit has been turned off for at least 5 minutes. Failure to observe this can cause driver output voltage surge which WILL damage all fittings on the circuit, and may invalidate warranty.

## Forward Voltage

To ensure drivers are suitable, it is important to establish the forward voltage. Forward voltage can be calculated by multiplying the wattage of each fitting by the number of fittings in the circuit, then dividing by the circuit milliamps. For example, 3no. 3w 700mA fittings = 9w, then divide by 700mA (0.700) to give the circuit voltage (in this case 12.85 volts). The driver voltage range must therefore have a minimum voltage lower than this figure, and a maximum voltage which is higher. Failure to observe correct forward voltage will result in damage to LED chips and may invalidate warranty.

## **WARNING!**

LED must not be disconnected while the driver is live, damage to the chip will result