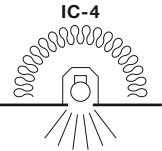


Minimum clearance for luminaire

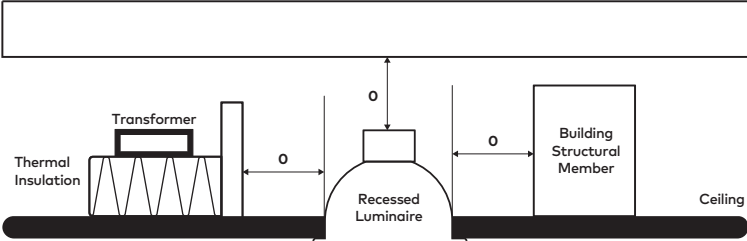
ⓘ **Risk of Fire** – Required clearance from structure members and building elements. Details below:



IC-4 Luminaire
Tested to and in accordance with AS/NZS 60598.2.2:2016

Barrier required for loose fill insulation or loose combustible materials

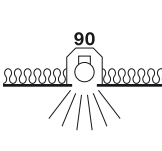
Please ensure the driver is fixed above any insulation



Thermal Insulation Transformer Recessed Luminaire Building Structural Member Ceiling

All measurements are based in millimetres.

CA90 Model



CA 90 Luminaire
Tested to and in accordance with AS/NZS 60598.2.2:2016

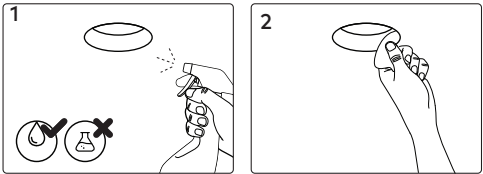
Product Code

IONRA142.XXX

For Large (142mm) dimmable variations, the luminaire is CA90 rated.

Cleaning

Warning: Before cleaning, disconnect from mains supply and allow luminaire to cool.



Corrosion Protection

It is important to note that care must be taken during installation or maintenance to ensure that the surface of the luminaire is not damaged. Any damage, which is exposed to moisture will result in corrosion occurring.

Please also note that any chemical applications on the luminaire or chemical contact via installation will cause corrosion of the surface of the luminaire and will void the warranty.

Ambient Conditions

Recommended to install in an ambient temperature <25°C.



Disposal

Ensure correct disposal of this product (waste electrical and electronic equipment)



ION R Adjustable

DOWNLIGHT 

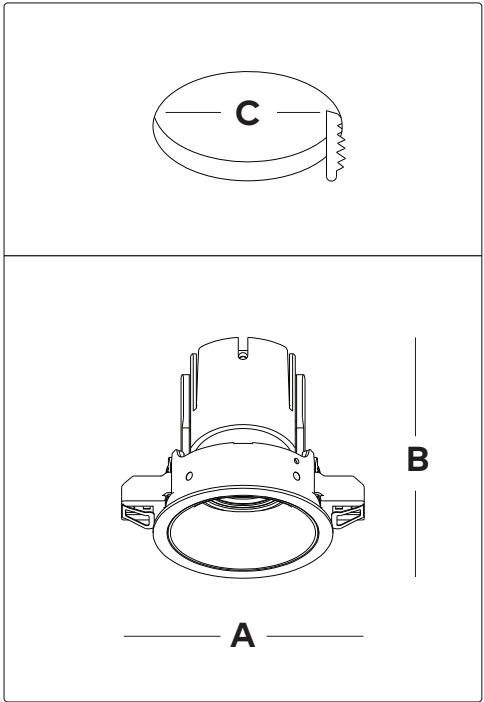
Base Codes	Small IONRA089	Medium IONRA103	Large IONRA142	Small Focus IONRF089	Small Accent IONRK089	Power 7 - 29 Watts
 Class III Luminaire only	IP Rating IP54 (Roomside)	Material Aluminium	Install Person/s 1x 			 

ⓘ **CAUTION** – This product must be installed by a qualified installer
Please read instruction manual carefully before installing luminaire

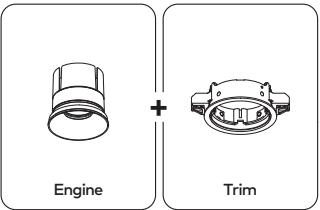
 **Surge Protection**
For comprehensive protection of a luminaire against electrical surges, surge protection shall be installed on the mains supply where required to protect luminaires and drivers from transient voltage damage.

For warranty information visit unios.com/warranty

Please read these installation instructions carefully before installing this luminaire. This product must be installed and maintained by a suitably qualified person/s in compliance with the latest applicable regulations and relevant legislation. Unios does not warrant any claim based on defects or damage caused by misuse, improper installation, improper operation and/or modifications carried out by the purchaser or third parties. This luminaire will not be used as a 'Working light' during construction. This will result in the warranty of the luminaire to be void. For warranty duration, please refer to the data sheet.



Required Components



Sizing Variations

Product Code	A	B	C
IONRA089	89	89-103	76
IONRA103	103	113-125	92
IONRA142	142	147-162	125

All measurements are in millimetres.



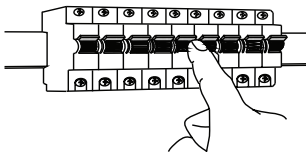
CAUTION



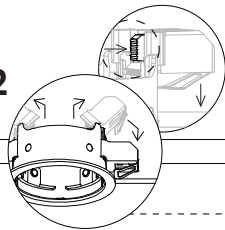
Do not hot plug the fittings

Ensure the driver is switched off and fully de-energized before connecting the luminaire.

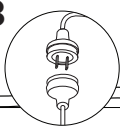
ON
OFF



2

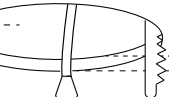


8



1

8-25mm

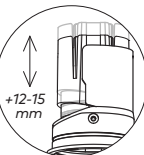


3

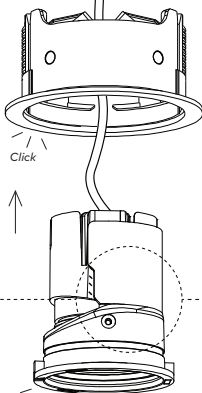


4

Optional
Height Adjustment

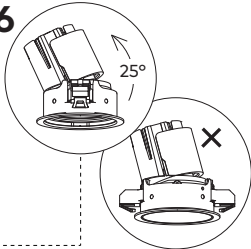


5



6

Optional
Rotation Adjustment

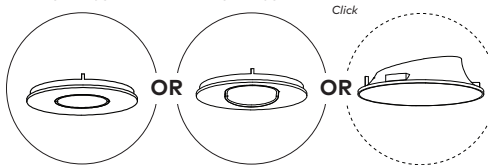


Small Focus
Suitable for
IONRA089

Small Accent
Suitable for
IONRA089

Click

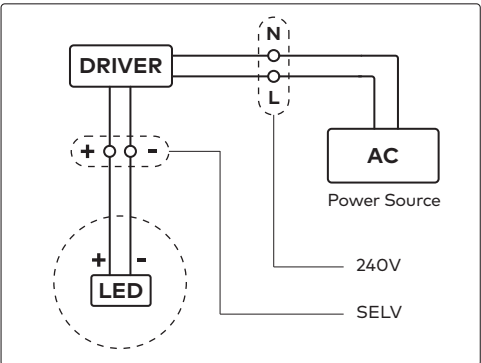
7



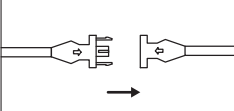
Stealth Metallic Baffle
Wipe off the fingerprints
with an included cloth



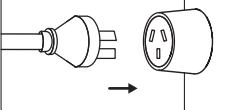
Wiring



SELV



240V



Dimming

This luminaire can be dimmed. Unios® recommends a phase-cut dimmer or DALI solution optimised for LED technology.

For full list of compatible drivers, see unios.com

Luminaire Compatibility

Product Code	Output Power	Driving Current	Forward Voltage
IONRA089	7W	200mA	32-38V
IONRA103	9W	250mA	
	13W	350mA	
IONRA142	22W	600mA	
	29W	800mA	

Installation Guide

For more information on the installation of this product, please see the supplied video below:

unios.com/ionrinstallation

