



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.

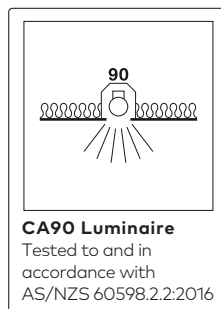
For warranty information visit unios.com/warranty

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.

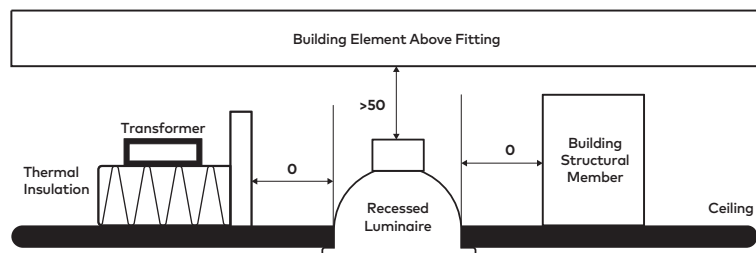
Minimum clearance for luminaire

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



Barrier required for loose fill insulation or loose combustible materials

Please ensure the driver is fixed above any insulation



All measurements are based in millimetres.

Cleaning

Always clean carefully using a soft cloth and a ph-neutral, alcohol-free, non-abrasive cleaning cloth. Clean & Maintain the finish twice a year to avoid rust, oxidation or limescale deposits. If this entire surface is not cleaned correctly, the finish may become uneven.

Do not use abrasive pads, discs, sandpaper and/or high pressure hose/gun to clean the luminaire.

Disposal

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



ION Ⓢ

RETRACTABLE SPOTLIGHT

Base Codes	Mini IONSR085	Small IONSR100	Medium IONSR125	IP20	Ⓢ	⚡
Class III Luminaire only	IP Rating IP20 (Roomside)	Material Aluminium	Install Person/s 1x	Power 3 - 15 Watts		



CAUTION – This product must be installed by a qualified installer

Please read instruction manual carefully before installing luminaire

Sizing Variations

Product Code	A	B	⌀ C
IONSR085	85	98	Ø76
IONSR100	100	130	Ø92
IONSR125	125	130	Ø114

All measurements are in millimetres.

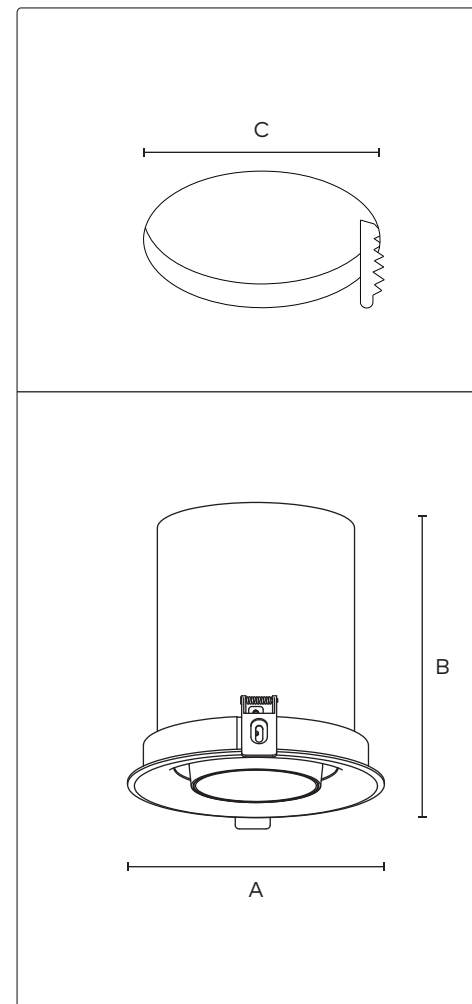
Additional Accessories



Primary optic
See data sheet



Secondary Optic
See data sheet



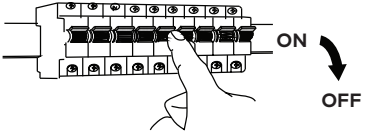
CAUTION

!

Switch off main electrical power prior to installing and powering this luminaire.

Do not open luminaire whilst the main electrical power is active.

!



Product Installation

1

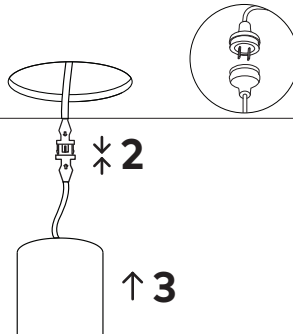


Mini: Ø76mm

Small: Ø92mm

Medium: Ø114mm

Using the correct sized holesaw, cut out a hole in the desired location.



2

3

Connect luminaire to driver. Plug the drive input, then insert the light into the hole.

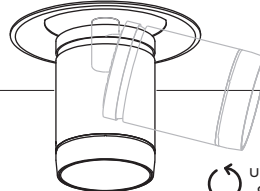
Product Adjustments



up to 350°

up to 20°

Tilt and rotate product as desired when product's snorkel is halfway out.



up to 350°

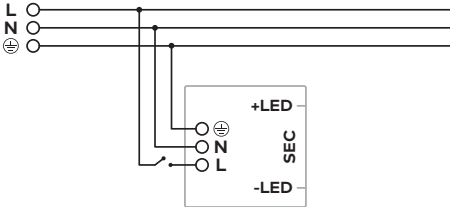
up to 80°

Tilt and rotate product as desired when product's snorkel is all the way out.

Wiring

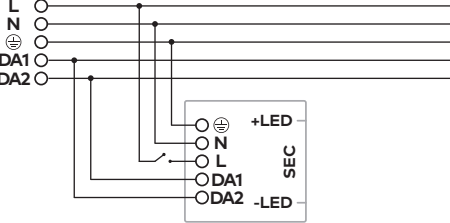
Remote

220-240V
50/60Hz



DALI

220-240V
50/60Hz



Luminaire Compatibility

Product Code	Output Power	Driving Current	Forward Voltage
IONSR085	3W	1000mA	2.7-3.3V
IONSR100	8W	200mA	32-38V
IONSR125	15W	400mA	

Dimming

Standard models are phase-cut Dimmable. Unios recommends a phase-cut dimmer optimised for LED technology. DALI compatible drivers are also available.

For full list of compatible drivers, see unios.com

