



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.

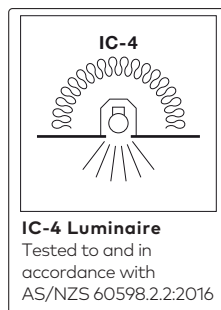
For warranty information visit unios.com/warranty

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.

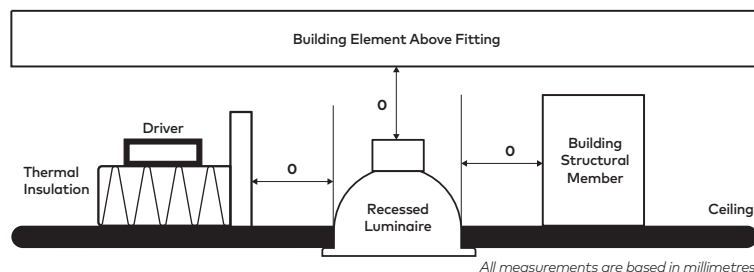
Minimum clearance for luminaire

① 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



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.

Disposal

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



ION S Track Light
Installation Instructions

unios.com/ionstrackims



ION S Surface Mounted Spotlight
Installation Instructions

unios.com/ionssmims



ION S

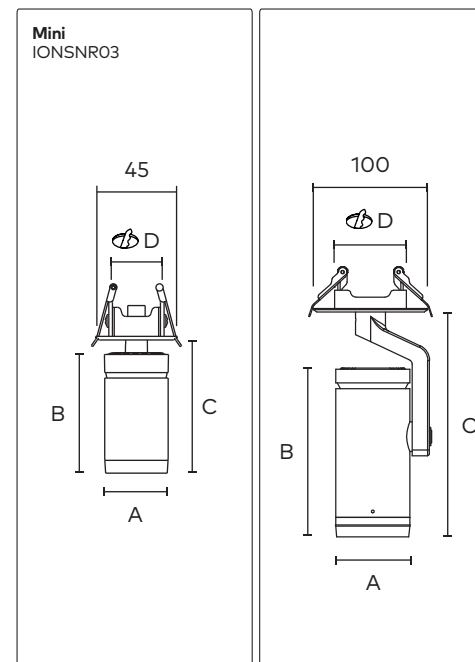
RECESSED SPOTLIGHT

Base Codes	Mini IONSRRXX	Small IONSSRXX	Medium IONSMRXX	Large IONSLRXX	Medium Framed IONFMRXX	Large Framed IONFLRXX	IP20	Energy Star	RoHS
Class III Luminaire only	IC Rating IC-4	Material Aluminium	Operating Temp <25°C	Install Person/s 1x	Power 3-32 Watts				

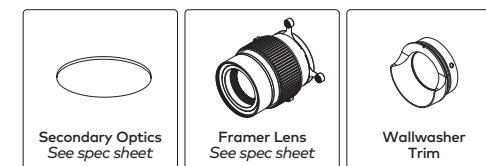


CAUTION – This product must be installed by a qualified installer

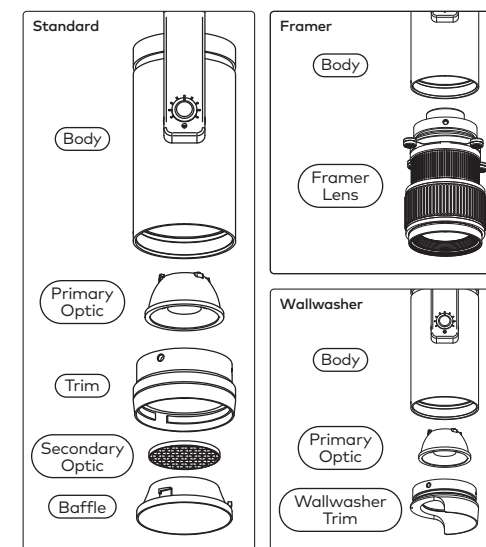
Please read instruction manual carefully before installing luminaire



Additional Accessories



Product Assembly



Sizing Variations

Product Code	A	B	C	ØD
IONSRRXX	Ø35	66	74	Ø38
IONSSRXX	Ø50	125	168	Ø76
IONSMRXX	Ø65	147	197	Ø76
IONSLRXX	Ø85	161	210	Ø70
IONFMRXX	Ø65	147	197	Ø70
IONFLRXX	Ø85	161	210	Ø70

All measurements are in millimetres.

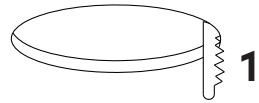
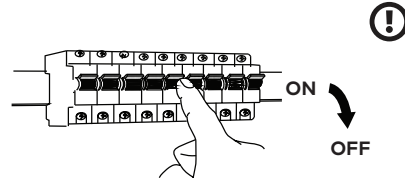


Product Installation

CAUTION

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

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

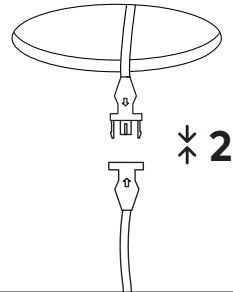


Mini: Ø38mm

Small/Medium: Ø76mm

Large/Medium Framer/Large Framer: Ø70mm

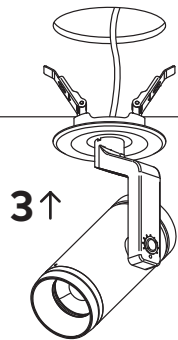
Cut out a hole with the diameter suitable for your spotlight



Connect luminaire to remote driver with supplied matching SELV plug

Inserting Luminaire

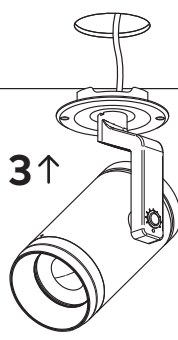
Mini/Small/Medium



3↑

Fold back spring clips and insert luminaire carefully until plate sits evenly with surface

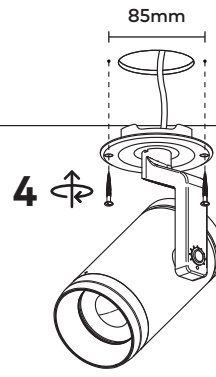
Large/Medium Framer/
Large Framer



3↑

Insert luminaire carefully until plate sits evenly with the surface

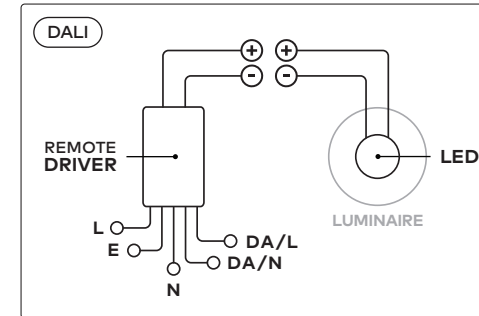
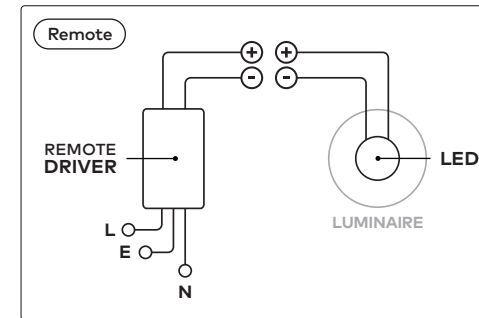
OR



2x M4 screws included for large model

Fasten plate to surface using supplied 2x M4 screws (Anchors are not included)

Wiring



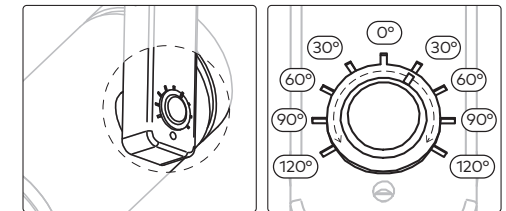
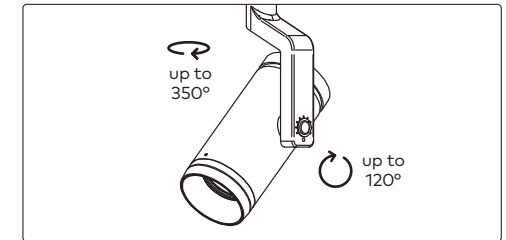
Dimming

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

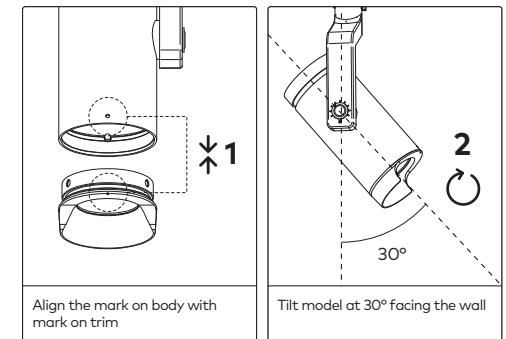
For full list of compatible drivers, see unios.com

Product Adjustment

The inner notch of dial located on the arm indicates current tilt angle. Use diagram below for reference.



Wallwasher Assembly



Spacing Recommendation

Applies for wallwasher models intended for wallwashing.

