

MODEL LS422LED
INSTALLATION TYPE Concrete Anchor
IP RATING IP66 / IP67
SUPPLY VOLTAGE 100-240 V AC, 50/60 Hz
 24 V DC
INSTRUCTIONS COVER Single Colour
 Single Colour Dimming
 RGB (Integral Driver)



LS422LED Centria Concrete Anchor

Warranty void if not installed as per installation instructions

±90°C

DANGER

ISOLATE LUMINAIRE FROM POWER

Failure to isolate power supply before installation or maintenance may result in fire, serious injury, electric shock, death and may damage the luminaire.

COMPONENTS

WARNINGS

Luminaires can become very hot. Use discretion in placement

Luminaires optical assembly is factory sealed and opening will void warranty

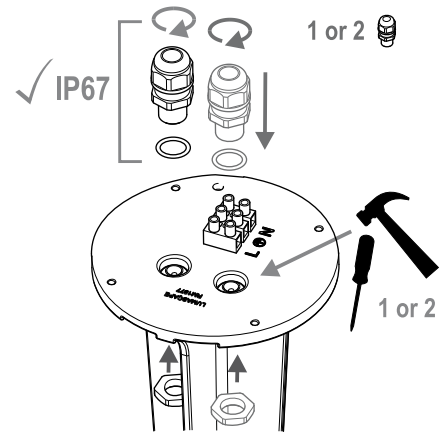
All connections must be kept dry; failure to do so may result in product reliability issues

Do not allow soil, mulch or foreign material to build up around the luminaire

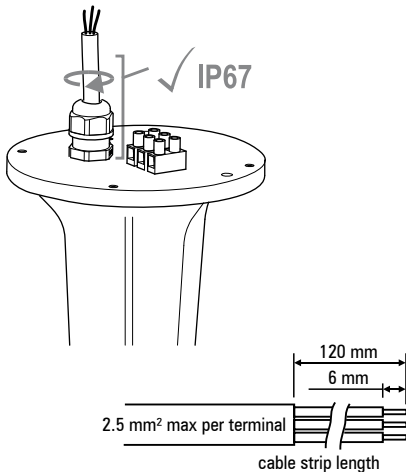
Ensure installation complies with local regulations

Before you begin always check luminaire label for correct supply details and lamp type if applicable.

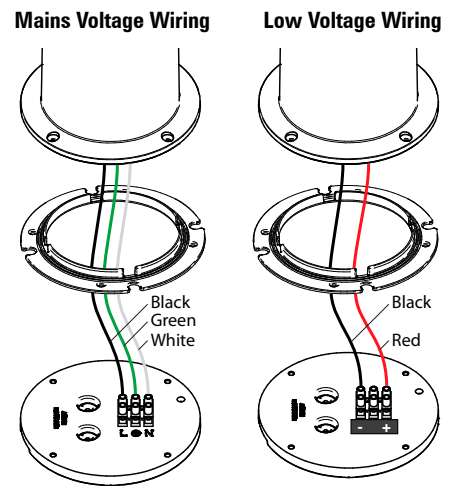
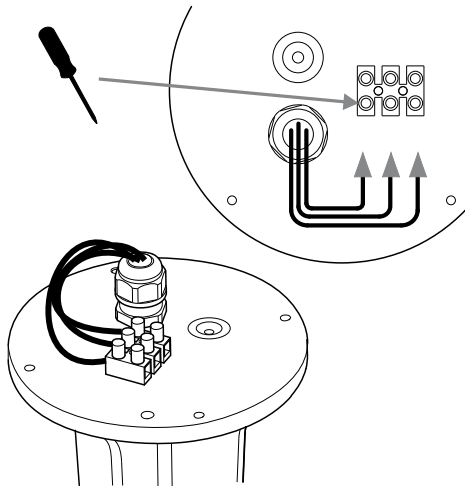
- 1. Run cable(s) to luminaire:**
Run a power supply cable and if necessary a CAT5 data cable (required for RGB & dimming) to the luminaire, ensuring compliance with local wiring rules.
- 2. Punch gland holes:**
Depending on your requirements punch out one or two holes and install gland(s) as shown in illustration on right.



- 3. Water proof cable entry using gland:**
Feed the cable through the gland and tighten as shown in illustration. Repeat this process if a second gland is installed. Ensure a correct sized cable is used or seal will not be IP67.



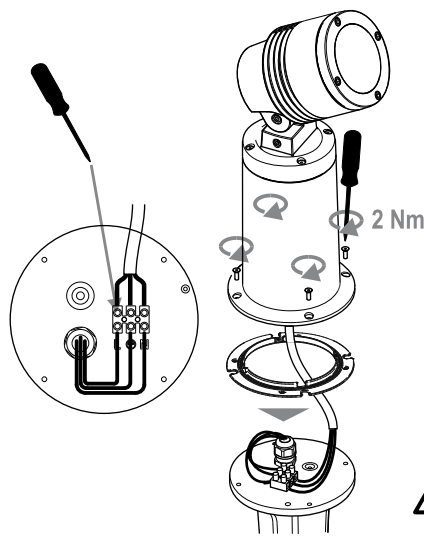
- 4. Terminate electrical connection:**
Strip and connect the cable cores to the terminal block as shown in the illustration. Ensure correct polarity is observed for the low voltage (24 V DC) luminaire.
For details on CAT5 data connection (required for RGB and dimming) refer to diagram in back.



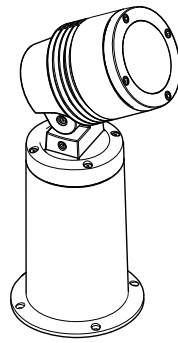
Use only a single, circular cable with a diameter of 6-10 mm in gland to ensure a watertight seal.

Refer to wiring diagram and dip switch settings in back for details.

- 5. Mount luminaire to concrete anchor:**
If required connect the top part of the luminaire to power source by re-connecting to terminal block. Screw top of luminaire to concrete anchor ensuring the gasket seal is firmly in place between the two components

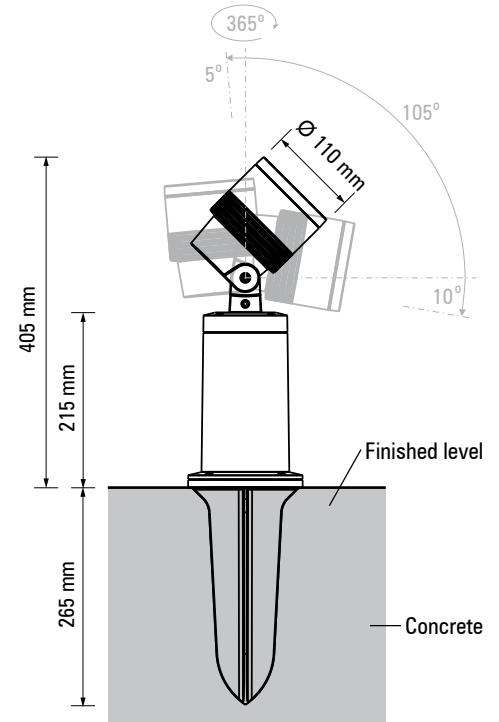


- 6. Test luminaire:**
Turn on power to test functionality of luminaire.



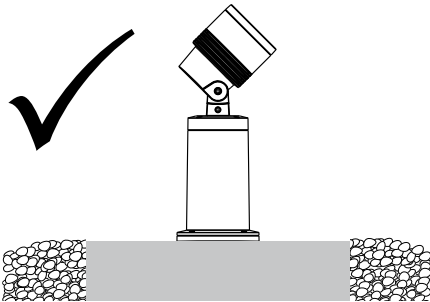
It is the installers responsibility to ensure the luminaire is adequately sealed for its operating environment during installation.

FINISHED INSTALLATION

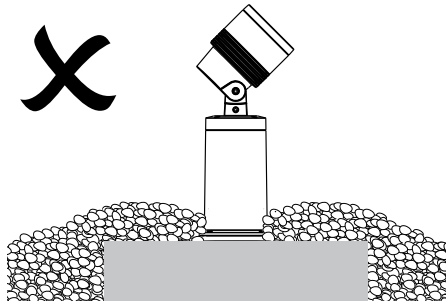


Do not allow soil, fill or any material to build up around the luminaire. Warranty will be void.

Correct installation



Incorrect installation. Void warranty



Questions?

Call +61 7 3286 2299

Email sales@lumascope.com.au

www.lumascope.com.au

SAFETY INSTRUCTIONS

WARNING - To reduce the risk of FIRE or INJURY:

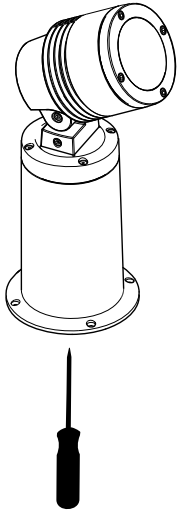
1. Luminaires and transformers to be installed by licensed electrical contractors.
2. Luminaires to be used for intended purpose only.
3. Do not operate the luminaires with a missing or damaged parts.
4. Use only genuine Lumascope parts to replace damaged or missing components.
5. Refer to instructions for installation and operating requirements.
6. Ensure installation complies with local regulations

Voltage insulation test (megger) will permanently damage product and will void warranty.

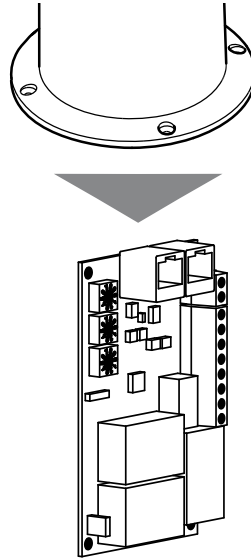
SAVE THESE INSTRUCTIONS.

Wiring Diagrams & Dip Switch Settings (Applicable to RGB & Single Colour Dimming with 24 V DC only)

1. Use a long screwdriver to unscrew the LED driver from the luminaire.



2. Pull out the bracket with the LED driver. See diagram below for wiring and dip-switch settings.



RJ45 DMX WIRING

Wire#	Wire Colour	DMX512 Function
1	white/orange	data 1+
2	orange	data 1-
3	white/green	Not Assigned
4	green	Not Assigned
5	blue	Not Assigned
6	white/blue	Not Assigned
7	white/brown	GND
8	brown	Not Assigned
Drain		

SWITCH SETTINGS

X100	X10	X1	Function
0	0	0	RDM address
0	0	1	DMX address/RDM capable but no writes (responds to rotary address)
5	1	0	Last address
9	9	0	0 output no DMX response
9	9	1	Ch1 100%
9	9	2	Ch2 100%
9	9	3	Ch3 100%
9	9	4	Ch1,2,3 0%
9	9	5	Ch1,2,3 100%
9	9	6	Ch1,2 100%
9	9	7	Ch2,3 100%
9	9	8	Ch1,3 100%
9	9	9	rainbow

