INSTALLATION INSTRUCTIONS
SPOTLIGHT & FLOODLIGHT

MODEL	LS432LED
INSTALLATION TYPE	Post Mount
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)

NO POWER TOOLS

KEEP AWAY FROM FLAMMABLE MATERIAL

DO NOT USE SILICONE ON OUTSIDE SURFACE

KEEP ELECTRONICS FREE FROM DIRT AND MOISTURE

DO NOT HOSE OR PREASSURE CLEAN

LS432LED Centria Post Mount
Warranty void if not installed as per installation instructions

t 90 °C   N653

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

gasket seal   x1

Allen key   x1

screw   x4

gland   x2

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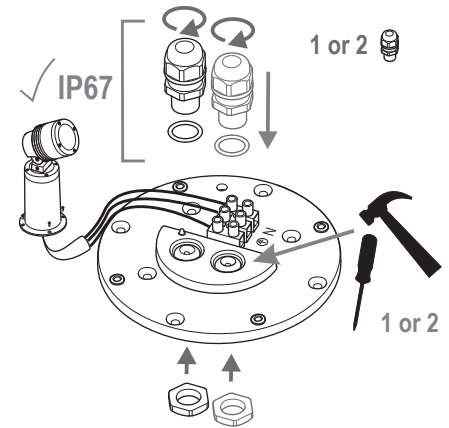
Do not allow soil, mulch or foreign material to build up around the luminaire

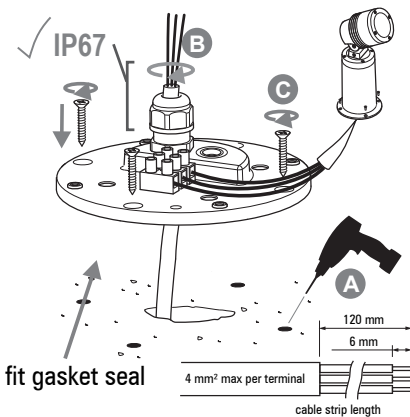Ensure installation complies with local regulations

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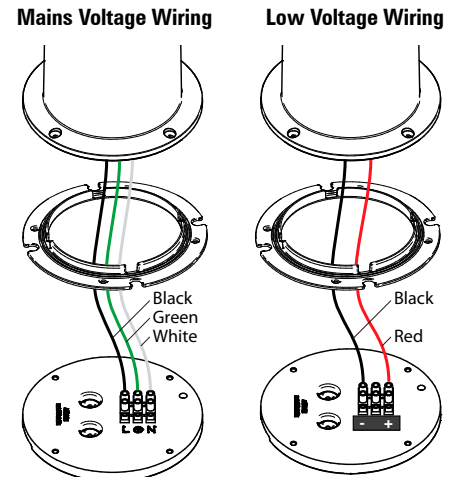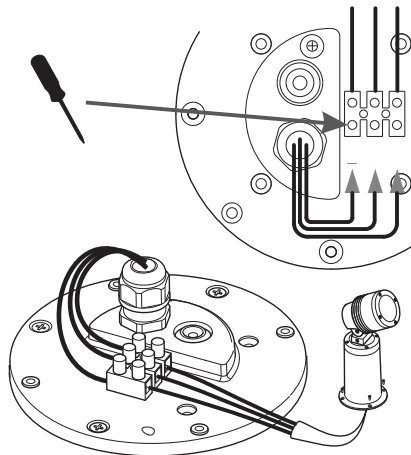
2. **Punch / drill out gland holes:**
Depending on your requirements punch / drill out one or two holes and install gland(s) as shown in illustration on right.

✓ IP67   1 or 2

1 or 2

3. **Secure base and tighten entry gland:**
Drill mounting holes for luminaire. Feed the cable through the gland and tighten as shown in illustration. Repeat this process if a secod gland is installed. Ensure a correct sized cable is used or seal will not be IP67. Screw down luminaire base. Ensure gasket seal is inserted between surface and luminaire base.

✓ IP67   B   C

A

fit gasket seal

120 mm
6 mm
4 mm² max per terminal
cable strip length

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.

Mains Voltage Wiring

Black
Green
White

L O N

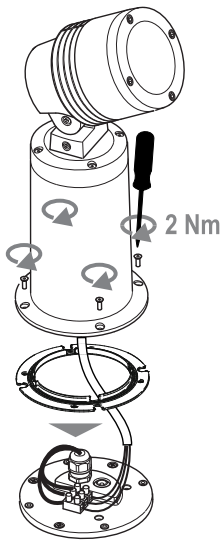**Low Voltage Wiring**

Black
Red

- +

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

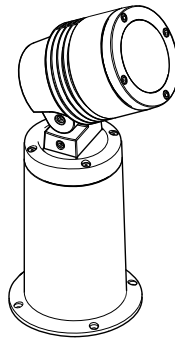Refer to wiring diagram and dip switch settings in back for details.

5. **Mount luminaire on base:**
If required connet the top part of the luminaire to power source by re-connecting to terminal block. Screw top of luminaire to base ensuring the gasket seal is firmly in place between the two components
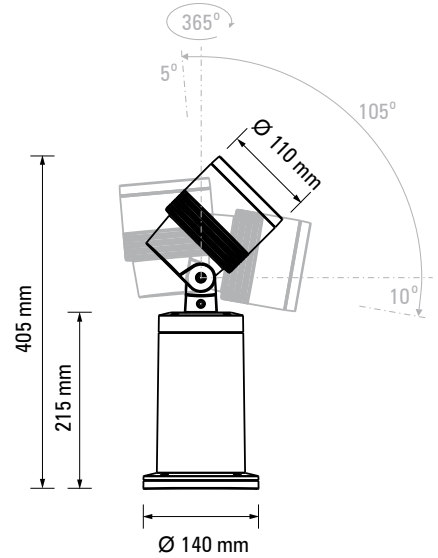
6. **Test luminaire:**
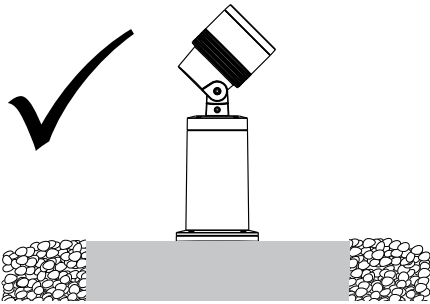Turn on power to test functionality of luminaire.

FINISHED INSTALLATION

2 Nm

365°
5°
Ø 110 mm
105°
405 mm
215 mm
10°
Ø 140 mm

⚠ It is the installers responsibility to ensure the luminaire is adequately sealed for its operating environment during installation.
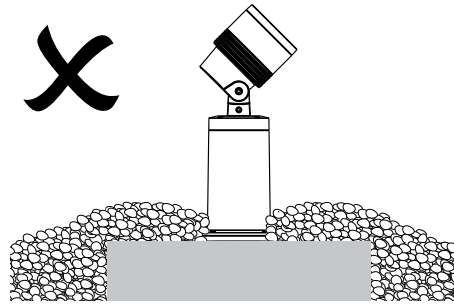
Do not allow soil, fill or any material to build up around the luminaire. Warranty will be void.

Correct installation

✓

Incorrect installation. Void warranty

✗

Questions?
Call +61 7 3286 2299
Email sales@lumascape.com.au
www.lumascape.com.au

SAFETY INSTRUCTIONS

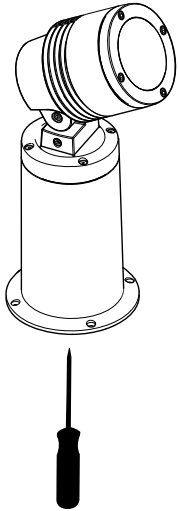**WARNING - To reduce the risk of FIRE or INJURY:**

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 Lumascape 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.
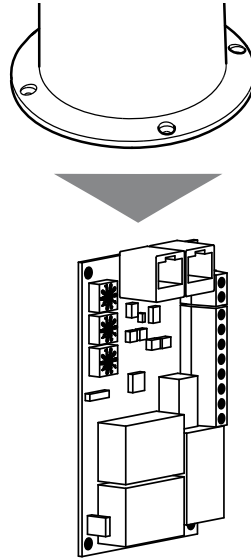
SAVE THESE INSTRUCTIONS.

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

DMX IN

DMX OUT

CH3

CH1 CH2

X100 X10 X1