



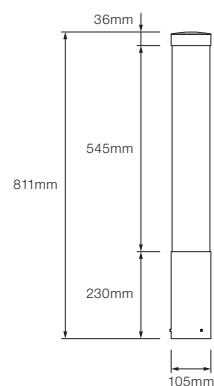
LONSDALE INSTALLATION INSTRUCTIONS



■ DIMENSIONS

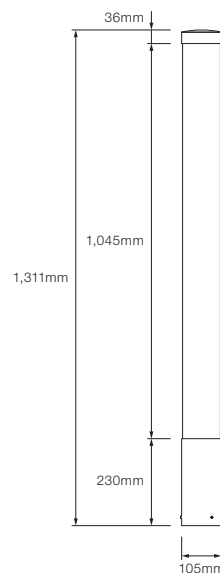
Top cap is typically white. Base is typically grey
Can be painted to specification of the light pole.

Maximum installation height = Standard 4 – 6 metres,
or up to 20 metres with longer cable.




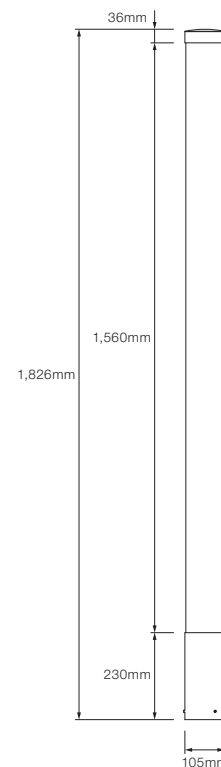
PLE-LONSDALE-RGB-05

 **8.75kg**



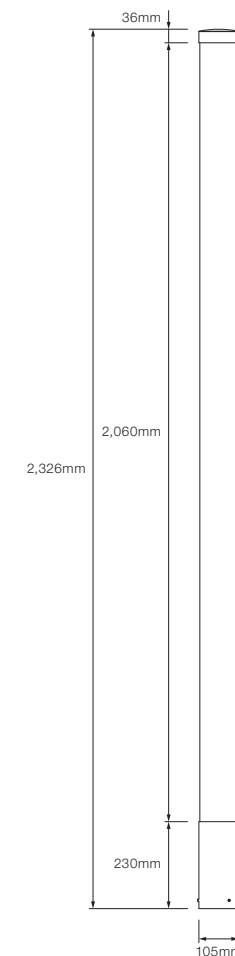
PLE-LONSDALE-RGB-10

 **10.5kg**



PLE-LONSDALE-RGB-15

 **12.25kg**

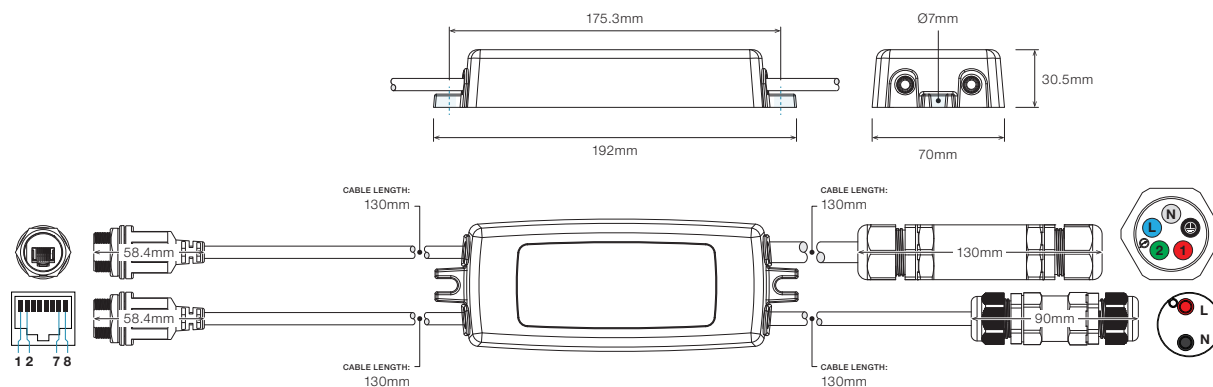


PLE-LONSDALE-RGB-20

 **14.0kg**

DRIVERS & PSUS

RDM CV NEO • DRV-RDM CV NEO-RJ45F-OJ5-IP65



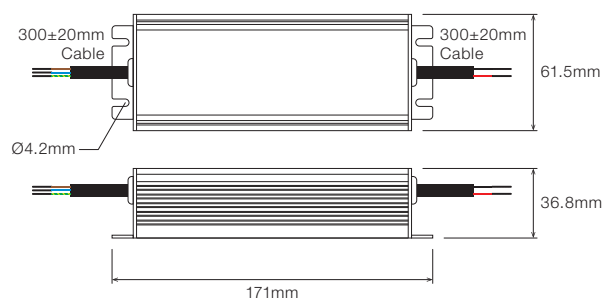
RJ45F • CAT5 Ethernet Female Connector

- | | |
|----------|----------|
| 1 DMX + | 2 DMX - |
| 7 Common | 8 Common |

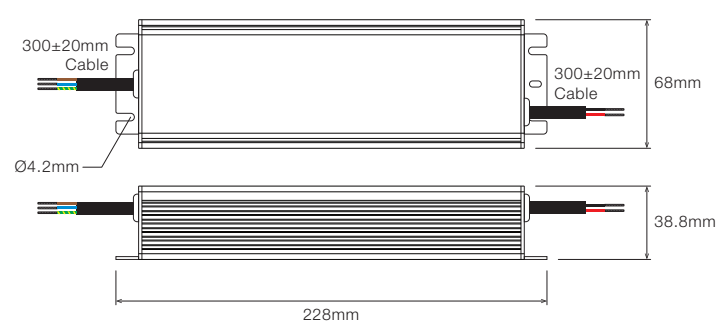
OJ5 • Outdoor Joiner 5 Pin

- | | | |
|-----|-----|--------|
| CH3 | CH4 | Common |
| CH1 | CH2 | |

60W POWER SUPPLY



150W POWER SUPPLY





STEP 1

Fit Lonsdale pole over spigot and ensure cable is fed through carefully to avoid any damage.

Recommended Spigot Size

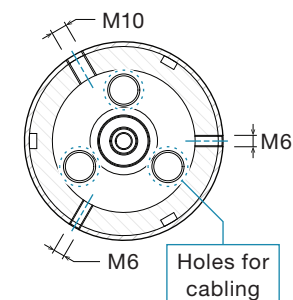
NPS 2½ / DN 65

Outer Ø: 73mm

Min. Length: 190mm

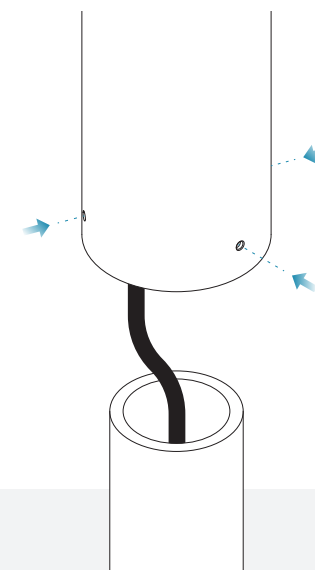
A riser of NPS 3½ / DN 90 will match the luminaire's outer diameter.

❗ Installer should grip the assembly from the base.



STEP 2

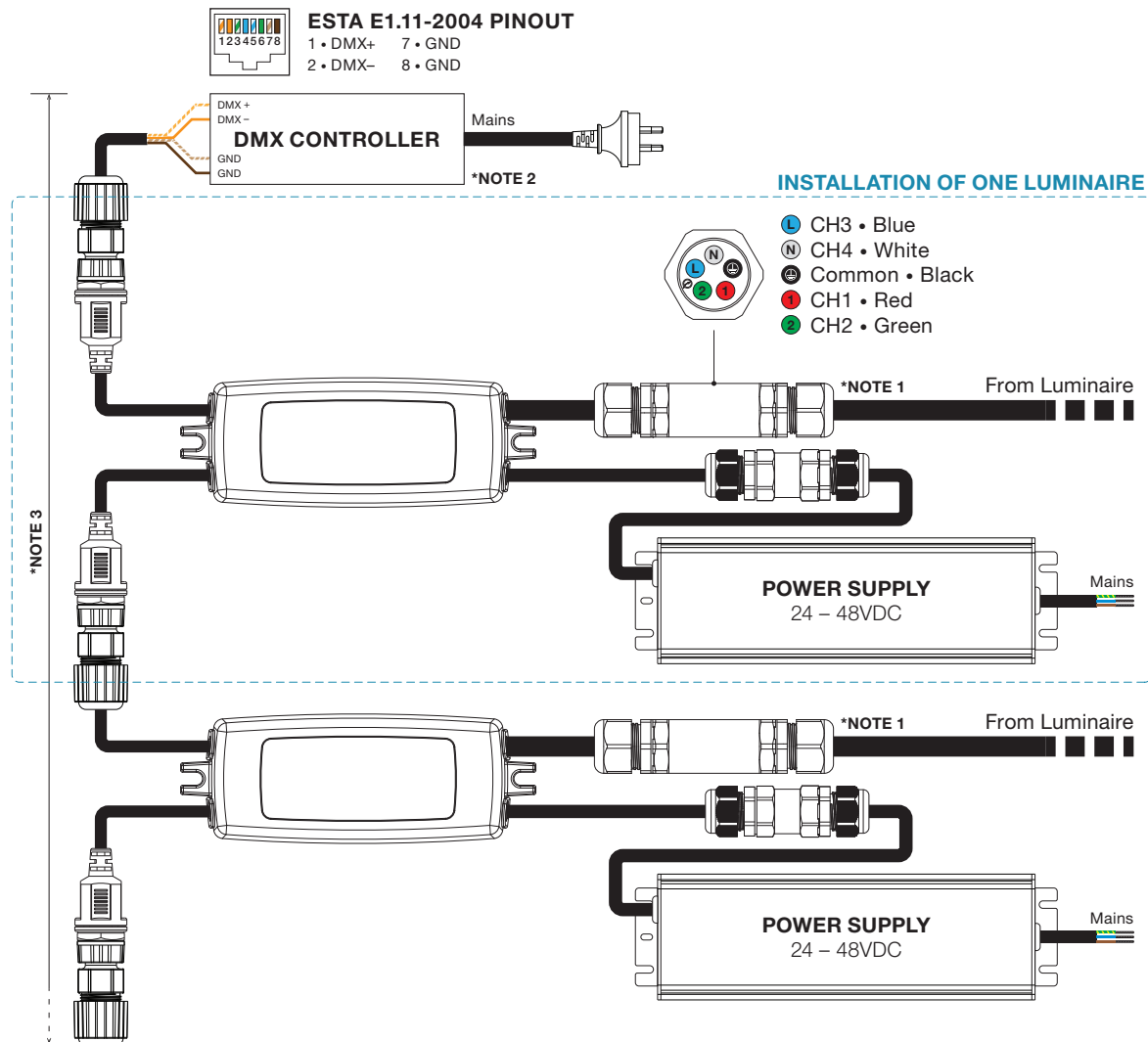
Secure using 2x M6 and 1x M10 set-screws with a torque of 8 – 9Nm. All 3 screws must be tightened.



STEP 3

Wire up according to the wiring diagram (on next page).

■ WIRING



■ NOTE 1

Maximum overall distance from power supply to luminaire **MUST NOT EXCEED 20 metres** if AWG13 or 1.83mm² cable is used.

Luminaire cable (5 Core) is typically supplied at 4 metres, for longer cables please advise Coolon at procurement stages

■ NOTE 2

Cool DMX or any other standard DMX / RDM controller can be used.

■ NOTE 3

Typical CAT5 / CAT6 outdoor circular cable supplied by others. Maximum 300m from DMX control unit to the last RDM/DMX driver in a typical daisy chain topology.

■ NOTE 4

Installer to ensure fitment of RDM and PSU considering physical dimensions and appropriate location relative to luminaire.