



## GENERAL NOTES

1. Refer to manufacturer's installation manual

## DESIGN STATEMENT

Park lighting is used to illuminate paths in the parks and other facilities such as BBQ areas and public toilets. Metered lighting installed within Moreland's Open Space is 24DC/48DC. Care must be applied when installing Low voltage underground cable to ensure longevity and consistent function.

## APPLICABLE LOCATION

Parks, Reserves, Shared pathways, MCC car parks.

## COUNCIL STANDARD DRAWING

N/A

## CROSS REFERENCE DOCUMENT

- AS 1158.6 Lighting for Roads and Public Spaces (Part 6: Luminaires), category P4.
- Tech Note B160.01
- Tech Note C100.02

## STANDARD SPECIFICATION

**Cable:** Low Voltage underground cable 6mm (110v DC – 60v AC).

Further cable runs (i.e. distance from constant current power supplies to fixture has increased further than a 20m run **10mm Cable will be required**).

**Conduit:** All cable to be installed within 32mm HD conduit.

**Recess depth:** 400mm with onsite Backfill. Topped with soil and seeds specified by Open Space (refer Cross Ref Doc)

**DC power supplies:** Constant Voltage/ Constant current power supplies IP65 LED located within a locked MCC meter Box.

**Timer/RCD reset device:** All installations to implement a programmable logic controller (auto Daylights saving setting) and 1 x Stop and go Resetting device.

## SUPPLIER

**Cable/Cable:** Any electrical wholesaler i.e. Middendorps, L&H or equivalent.

**Timer/RCD device:** Legrand / Schneider electrical or equivalent

**Power Supplies:** Mean Well

## MAINTENANCE

Lighting within parks is metered lighting, maintained by Council Electrical contractors. The installation contractor to maintain.

Also refer to MCC Public Lighting Map for confirmation.

July 2019



Moreland City Council

---

# B160.09 Park Lighting Installation

---

