ENERGY MANAGER AND PoE SWITCH ARE MOUNTED IN ENLIGHTED ENCLOSURE, TYPICALLY IN ELECTRICAL ROOM OR IDF ROOM.

NOTES:
1) THE MAXIMUM CAT5e CABLE DISTANCE BETWEEN ANY ENLIGHTED ENERGY MANAGER AND NETWORK SWITCH, GATEWAY AND NETWORK SWITCH OR NETWORK SWITCH TO NETWORK SWITCH IS 330'.
2) ONE 20A, 120 VOLT DUPLEX RECEPTACLE REQUIRED FOR EACH ENERGY MANAGER.
ENLIGHTED - CONTROLLED FIXTURE WIRING DIAGRAMS
CONTROL UNIT (CU) CONTROLLING 1 AND 2 FIXTURES

(1:1 DIMMING) - FIXTURE WITH 1 CU AND 1 LED DRIVER OR DIMMING BALLAST

CONTROL UNIT RATING:
120V - 540W LOAD
277V - 1246W LOAD

(2:1 DIMMING) - 2 FIXTURES CONTROLLED WITH 1 CU AND 1 LED DRIVER OR DIMMING BALLAST

1 CU AND SU IS RECOMMENDED FOR EVERY 8’
ENLIGHTED CONTROL UNIT CONTROLLING A SINGLE DOWNLIGHT FIXTURE

- LED DRIVER OR DIMMING BALLAST
- 0-10V SENSOR CABLE
- NEC 410.130(G) REQUIRED BALLAST DISCONNECT DEVICE FOR NORMAL SOURCE FEED
- CONTROL UNIT RATING:
  - 120V - 540W LOAD
  - 277V - 1246W LOAD
- Sensor can be:
  - SU (SU-2-00)
  - CS (SU-3E-00)
  - RS (RS-20-S1)
- Follow fixture manufacturer's specification or wiring to lamp(s)

ENLIGHTED CONTROL UNIT CONTROLLING MULTIPLE DOWNLIGHT FIXTURES

- LED DRIVER OR DIMMING BALLAST
- 0-10V SENSOR CABLE
- NEC 410.130(G) REQUIRED BALLAST DISCONNECT DEVICE FOR NORMAL SOURCE FEED
- CONTROL UNIT RATING:
  - 120V - 540W LOAD
  - 277V - 1246W LOAD
- Sensor can be:
  - SU (SU-2-00)
  - CS (SU-3E-00)
  - RS (RS-20-S1)
- Follow fixture manufacturer's specification or wiring to lamp(s)

CONTROL UNIT WITH ONE AND MULTIPLE DOWNLIGHT FIXTURES

CONTROL UNIT RATING:
- 120V - 540W LOAD
- 277V - 1246W LOAD

Enlighted - Plenum Rated Cable Part #: CB-2-100-XX Comes in different lengths.
1) NEMA TYPE 1 RATED
2) 14GA CARBON STEEL CONSTRUCTION PAINTED, ANSI 61
3) UL LISTED
4) 3/4 PLYWOOD BACK PANEL 21" x 17"

ENLIGHTED - NEMA 1 ENCLOSURE

24" x 20" x 6"

NEMA 1 ENCLOSURE
(PART #ENCL)