

KETRA

3815 S. CAPITAL OF TEXAS HWY
SUITE 100
AUSTIN, TX 78704
P: 512.347.1100

GENERAL NOTES:

1. KETRANET MESH IS KETRA'S WIRELESS CONTROL PROTOCOL.
2. A NODE IS A KETRANET MESH ENABLED WIRELESS DEVICE.
3. 50 KETRANET MESH NODES MAX. PER INSTALLATION NETWORK.
4. ALL KETRANET MESH NODES TO BE INSTALLED WITHIN 50'-0" RANGE OF THE NEAREST NODE.

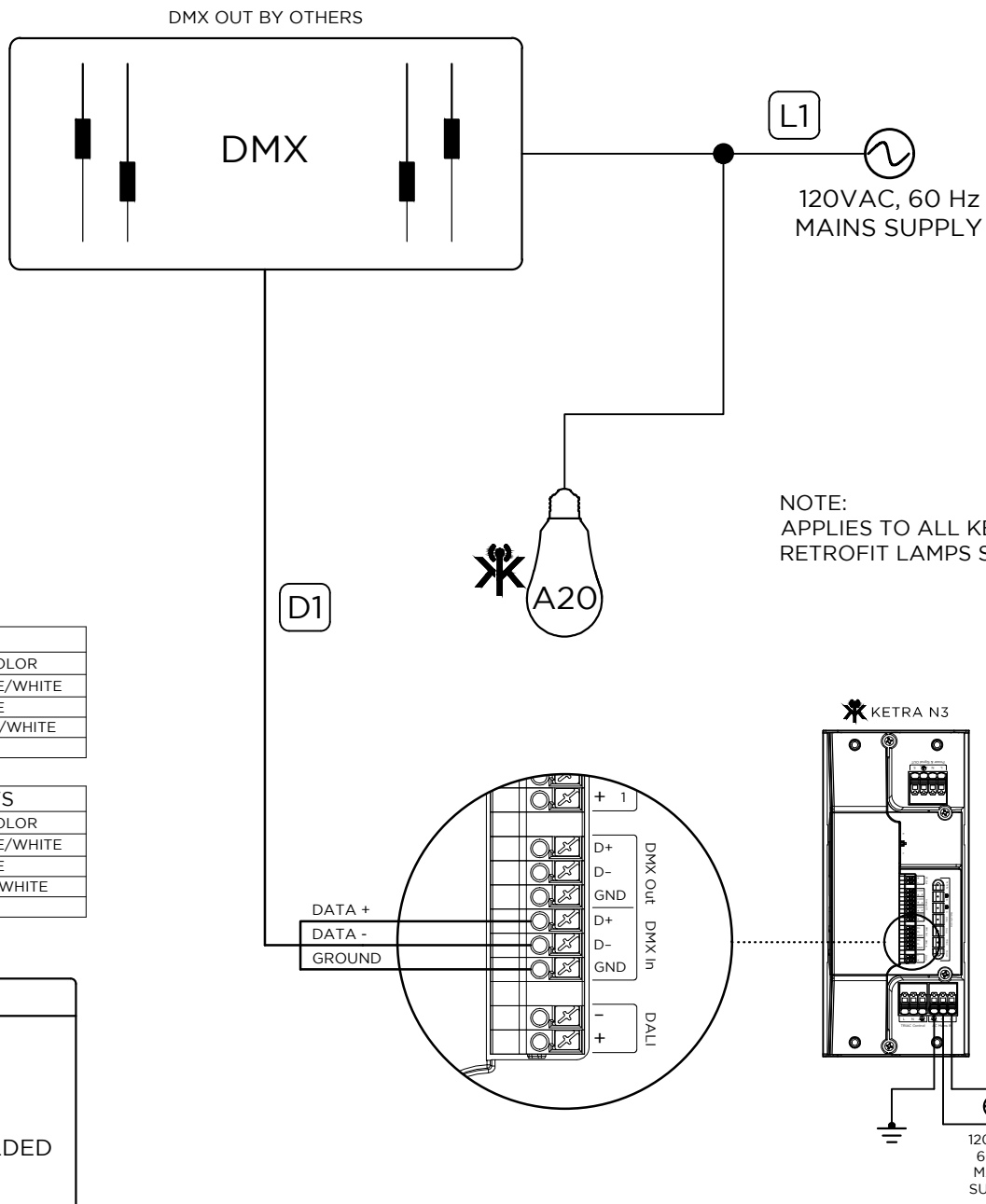
FOR REFERENCE ONLY
NOT FOR
CONSTRUCTION

DRAWING TYPE: WD
DRAWING #:
REVISION #: 00
DATE: 10/06/2016
DRAWN BY: CEH
CHECKED BY: GEB
SCALE: NTS

SHEET NAME
KETRA
N3, RETROFIT LAMPS,
DMX-IN

SHEET

1 OF 1



DMX OUT BY OTHERS

DMX

L1

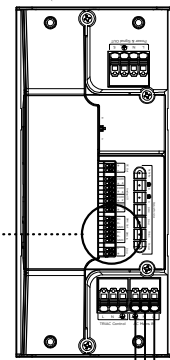
120VAC, 60 Hz
MAINS SUPPLY

D1



NOTE:
APPLIES TO ALL KETRA
RETROFIT LAMPS S38, S30, A20.

KETRA N3



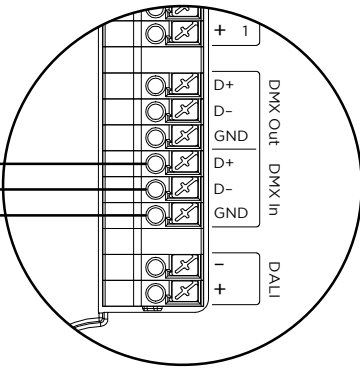
120VAC,
60 Hz
MAINS
SUPPLY

| 5-PIN XLR | |
|-------------|---------------|
| 5-PIN XLR # | SIGNAL |
| 1 | SIGNAL COMMON |
| 2 | DMX DATA - |
| 3 | DMX DATA + |
| 4 | (NOT USED) |
| 5 | (NOT USED) |

| 3-PIN XLR | |
|-------------|---------------|
| 3-PIN XLR # | SIGNAL |
| 1 | SIGNAL COMMON |
| 2 | DMX DATA - |
| 3 | DMX DATA + |

| ESTA RJ45 PINOUTS | | |
|-------------------|-----------------|--------------|
| RJ45 PIN # | DMX512-A SIGNAL | WIRE COLOR |
| 1 | DMX_DATA+ | ORANGE/WHITE |
| 2 | DMX_DATA- | ORANGE |
| 7 | GND | BROWN/WHITE |
| 8 | GND | BROWN |

| COLOR KINETICS RJ45 PINOUTS | | |
|-----------------------------|---------------|--------------|
| RJ45 PIN # | CK DMX SIGNAL | WIRE COLOR |
| 1 | DMX_DATA- | ORANGE/WHITE |
| 2 | DMX_DATA+ | ORANGE |
| 3 | GND | GREEN/WHITE |
| 6 | GND | GREEN |



KEY

- L1** 12 AWG, 3 WIRE
- D1** BELDEN-9729 OR EQUIVALENT DMX, 2 TWISTED PAIRS, SHIELDED
- KETRANET MESH WIRELESS NETWORK