**SEQUENCE OF OPERATION**

**LIGHT**
- All fixtures are NLIGHT enabled.
- Provide unswitched hot to all luminaires.

**OCCUPANCY**
- Lights automatically go to 100% when occupied, and reduce to partial 50% when unoccupied.
- Secondary time out is available to turn off the light if required.

**MANUAL**
- Single pole dimming switch
- On/off/raise/lower
- 3-way switch
- Digital key switch (optional)

**TIME CLOCK (ADDITIONAL OPTIONS)**
- Room can be connected to NLIGHT backbone to enable network control or automatic demand response
- Occupancy sensors can be enabled or disabled based on time schedule.
- For network options, see NLIGHT backbone diagram.

**DIAGRAM LEGEND**

- CAT5 wires
- Normal line feed constant hot
- EM line feed constant hot
- >30ms transfer

**BILL OF MATERIAL**

<table>
<thead>
<tr>
<th>QTY</th>
<th>PRODUCT #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>NPDM-DX</td>
<td>Single gang, single pole dimming switch</td>
</tr>
<tr>
<td>3</td>
<td>NCM-10-RJB</td>
<td>Ceiling mounted occupancy sensor.</td>
</tr>
<tr>
<td>NEF</td>
<td>-</td>
<td>NLIGHT enabled fixture with constant hot</td>
</tr>
<tr>
<td>NEF (EMG)</td>
<td>-</td>
<td>NLIGHT enabled fixture with EM constant hot on inverter/generator</td>
</tr>
</tbody>
</table>

**supports the following requirements**

- Full auto-off via occupancy sensor (Section 130.1c)
- Local switch (Section 130.1a)
- Multi-level/dimming control (Section 130.1b)
- Automatic demand response (ADR) ready (Section 130.1e)
- Daylight harvesting (Section 130.1d)
- Plug-load control (Section 130.5d)