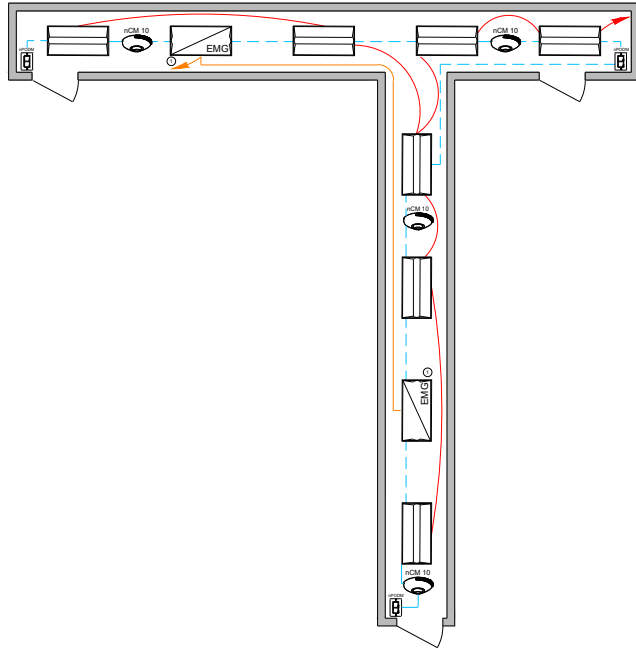


# CA TITLE 24 2019 DESIGN GUIDE

CORRIDOR WITH nLIGHT ENABLED FIXTURES



Some nLight enabled EMG fixtures require a normal sense line connection. See fixture spec sheets for details.

① NOTE: SOME nLIGHT ENABLED ENG FIXTURES REQUIRE A NORMAL SENSE LINE CONNECTION. SEE FIXTURE SPEC SHEET FOR DETAILS

## SEQUENCE OF OPERATION:

### LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES CONTROLLED TOGETHER OR INDEPENDENTLY
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

### OCCUPANCY

- FIXTURES AUTOMATICALLY TURN OFF OR OPTIONALLY CAN BE CONFIGURED TO DROP TO LOW DIM SETTING OF AT LEAST 50% WHEN SPACE BECOMES VACANT

### DAYLIGHT

- NOT REQUIRED IF ROOM HAS <24 FT2. OF GLAZING OR LIGHTING LOAD < 120W IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE
- SMOOTH CONTINUOUS DIMMING
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER OF ZONES = NUMBER OF FIXTURES)

### MANUAL

- MASTER ON/OFF & RAISE /LOWER CONTROL OF ENTIRE SPACE

### ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- SPACE / ZONE CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- CONTROL HVAC SYSTEMS via AN OPTIONAL RELAY "AR" OR THROUGH THE BACNET ECLYPSE CONTROLLER.

## DIAGRAM LEGEND

- CAT-5e CABLE
- LINE VOLTAGE WIRES
- ➔ LINE FEED
- ➔ EM FEED

## BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
7	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE
2	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE w/ EMG OPTION
4	nCM10	EXTENDED RANGE PIR OCCUPANCY SENSOR
2	nPODM DX	ON/OFF & RAISE/LOWER WALL POD

## SUPPORTS THE FOLLOWING REQUIREMENTS:

✓ FULL/ PARTIAL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)

✓ AREA CONTROL (SECTION 130.1a)

✓ AUTOMATIC OFF via PROGRAMMABLE TIME CLOCK (SECTION 130.1c)

✓ AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)

Note: Contact your local lighting agent for more information on nLight enabled fixtures