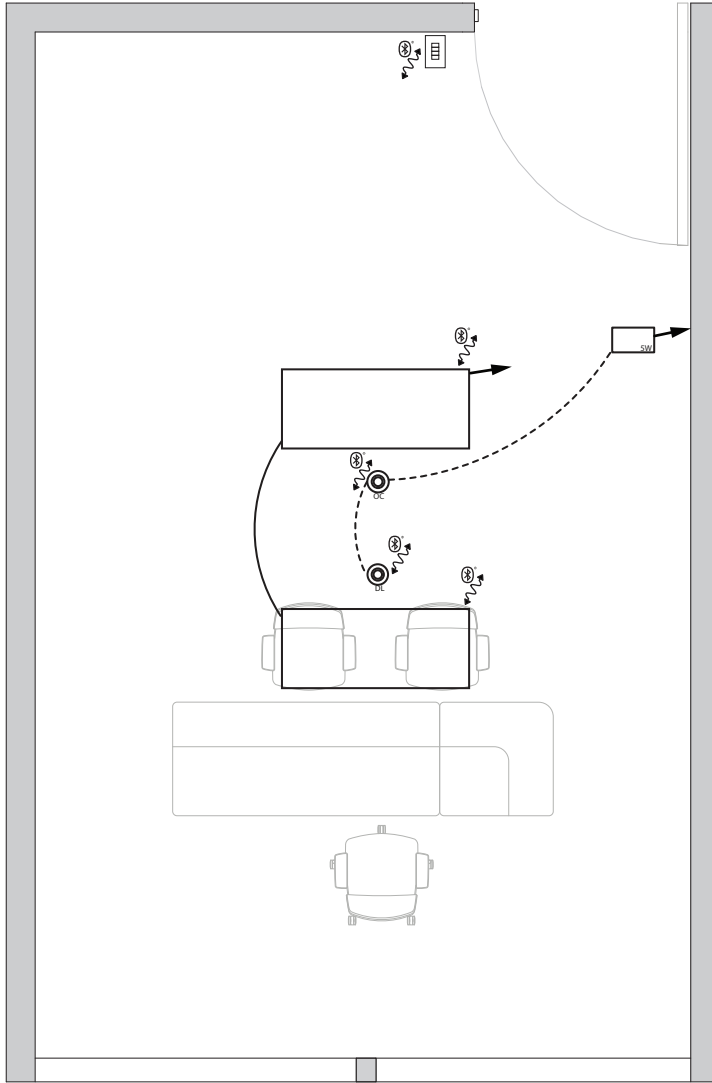# DESIGN GUIDE
PRIVATE OFFICE WITH BLUETOOTH MESH LUMINAIRES

BubblyNet®

SEQUENCE OF OPERATION:

LIGHT FIXTURES:
- All fixtures are dimmable;
- Luminaires can be static white, warm dim, tunable white, RGBW;
- All fixtures are independently controlled or can be grouped together;
- Max. and Min. Trim can be set via App;

OCCUPANCY CONTROL:
- Fixtures automatically go to set brightness when space is occupied;
- Fixtures automatically turn off or low level when space is vacant;
- Occupancy or Vacancy mode;
- Brightness level for Occupied and Vacant state, delays and transitions can be set via App;

DAYLIGHT CONTROL:
- Smooth and continuous dimming;
- Separate daylight zones (can be as many as number of fixtures)
- Delays, transitions and light harvesting sensitivity can be set via App;

MANUAL CONTROL:
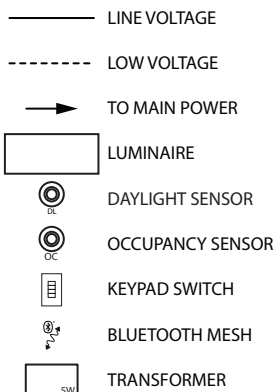- ON/OFF, dim up and down, select scene (up to 16 scenes per fixture)

TIME SCHEDULE:
- Time, recurring day of the week schedules, yearly special day schedules can be set via App;

ADDITIONAL OPTIONS:
- Shade control;
- GPS Time-keeper for clock accuracy;
- Gateway for clock accuracy, remote assistance, energy and space utilization analytics, BMS integration, voice activated commands
- Emergency Lighting Control

LEGEND

Symbol	Description
——	LINE VOLTAGE
- - - -	LOW VOLTAGE
→	TO MAIN POWER
▭	LUMINAIRE
◎ DL	DAYLIGHT SENSOR
◎ OC	OCCUPANCY SENSOR
▯	KEYPAD SWITCH
ᛒ	BLUETOOTH MESH
▭ 5W	TRANSFORMER

BILL OF MATERIAL

QTY	PRODUCT#	DESCRIPTION
1	S-OP-012-DTWH	OCCUPANCY SENSOR
1	S-DL-012-DTWH	DAYLIGHT SENSOR
1	K-Q4-UDL-00WH	KEYPAD - Q SERIES - 4 BUTTONS WHITE
1	A-TO5-12-17-DS00	TRANSFORMER AC/DC 5W
	BY OTHERS:	
2	DOWNLIGHT	BLUETOOTH MESH LUMINAIRE