OFFICE SOLUTION GUIDE
PRIVATE OFFICE 10’X12’, 8’-6” CEILING HEIGHT, WITH WINDOW, AND nLIGHT ENABLED LUMINAIRES

DESIGN NOTES:

LIGHTING LEVELS ARE CALCULATED BASED ON LUMINAIRES MOUNTED AT LEAST CEILING HEIGHT AND WORKING SURFACE AT 2'-6" ABOVE FINISHED FLOOR (AFF).

REFLECTANCES ARE 80/90/25 PER ISAMA RP-1-12 TARGET (VDV SCREEN/KEYBOARD TASK) 36 FOOT CANDLES.

TOTAL LIGHT LOSS FACTOR(LLF) OF .35 HAS BEEN USED FOR THIS CALCULATION.

THE VISUAL FILE FOR THIS TYPICAL CAN BE FOUND AT:

TO MAKE ADJUSTMENTS FOR ROOM SIZE, CEILING HEIGHT, REFLECTANCE OR WORK SURFACE, USE THE VISUAL INTERIOR TOOL AVAILABLE AT:
https://www.visualid.com/tools/interior

SEQUENCE OF OPERATION:

LUMINAIRES

- ALL LUMINAIRES ARE DWYER
- ALL LUMINAIRES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

OCCUPANCY

- LUMINAIRES MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 80% OR 100%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LUMINAIRES & PLUG LOAD AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT

- SMOOTH CONTINUOUS Dimming
- CUSTOM GROUPING OF LUMINAIRES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER ZONES = NUMBER OF LUMINAIRES)
- NOT REQUIRED IF TOTAL LUMINAIRE IS < 120W MANUAL

- GROOM & RASSEL LOUVER CONTROL OF LUMINAIRES

DIAGRAM LEGEND

-+CABLE
-+VOLTAGE WIRES
-+LINE POWER
-+OPTIONAL CAT5A CABLE NETWORK CONNECTION

**ADDITIONAL OPTIONS:**

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ROOM CAN BE CONNECTED TO NIGHT SCHEDULE TO ENABLE NETWORK CONTROL OR ADVANCED AUTOMATIC DEMAND RESPONSE
- FGR EMERGENCY LIGHTING CONTROL ADD A NP/F108 DR PACK

COMPLIES WITH:

- E3 RECOMMENDATIONS
- CALIFORNIA TITLE 24
- ASHRAE 90.1, 2010
- BCC 2012

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