OFFICE SOLUTION GUIDE PRIVATE OFFICE 10'X12', 11'-0" CEILING HEIGHT, WITH WINDOW, AND nLIGHT ENABLED LUMINAIRES

DESIGN NOTES:
LIGHTING LEVELS ARE CALCULATED BASED ON LUMINAIRES MOUNTED AT LISTED CEILING HEIGHT AND WORKING SURFACE AT 2'-4" ABOVE FINISHED FLOOR (AFF).

REFLECTANCES ARE 80%/60% PER RSNA RP-3-13 TARGET (HARDCOPY & WRITING TASK) 20 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.vi-6.com/tools/interior/

STATISTICS

<table>
<thead>
<tr>
<th>AREA (FT²)</th>
<th>LUMENS (LM)</th>
<th>LUMENS/PC (LM/PC)</th>
<th>MAX LUMENS</th>
<th>LUMENS AVG</th>
<th>TOTAL AREA</th>
<th>TOTAL LUMENS</th>
<th>AREA TOTAL</th>
<th>POWER DENSITY</th>
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</thead>
<tbody>
<tr>
<td>120.20</td>
<td>55.24</td>
<td>12.11</td>
<td>12.11</td>
<td>55.24</td>
<td>120.20</td>
<td>120.20</td>
<td>1.20</td>
<td>0.25</td>
</tr>
</tbody>
</table>

DIAGRAM LEGEND

- CAT5e CABLE
- LIGHT VOLTAGE
- LINE POWER

- OPTIONAL CAT5E CABLE/NETWORK CONNECTION

LUMINAIRE & CONTROL SCHEDULE

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>LABEL</th>
<th>QTY</th>
<th>CATALOG #</th>
<th>DESCRIPTION</th>
<th>WATTAGE</th>
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<tbody>
<tr>
<td>A</td>
<td>2x2 LED</td>
<td>4</td>
<td>LIT-2LED 300</td>
<td>2x2 2000 Lumens, 4000K, nLight Enabled Luminare</td>
<td>20.51</td>
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<tr>
<td>E</td>
<td>1</td>
<td>1</td>
<td>hP20 PL</td>
<td>Plug Load Relay Pack</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>1</td>
<td>hP20 DIX</td>
<td>On/Off &amp; Raise Lower Wall Station</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>1</td>
<td>hC2 P2-3 ADIX</td>
<td>Dual Technology Occupancy Sensor With Automatic Dimming Preb</td>
<td></td>
</tr>
</tbody>
</table>

SEQUENCE OF OPERATION:

LUMINAIRES
- ALL LUMINAIRES ARE DIMMABLE
- ALL LUMINAIRES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 60%

OCCUPANCY
- LUMINAIRES MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50% OR 100%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LUMINAIRES & PLUG LOAD AUTOMATICALLY TURNS 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 LUMINAIRES = 120W

MANUAL
- ONS/Off & Rase/Lower CONTROL OF LUMINAIRES

COMPLIES WITH:

- KB RECOMMENDATIONS
- CALIFORNIA TITLE 24
- ASHRAE 90.1 2016
- EEC 2012

TO ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ROOM CAN BE CONNECTED TO nLIGHT BASCENCE TO ENABLE NET/WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- FOR EMERGENCY LIGHTING CONTROL ADD A NP16.0 PACK

COMPLIES WITH:

- FULL AUTOMATY V FOR OCCUPANCY SENSOR (SECTION 13.0.14)
- LOCALERENCE (SECTION 13.0.14)
- PLUG LOAD CONTROLS (SECTION 13.0.14)
- MULTIPLE LEVEL DIMMING CONTROLS (SECTION 13.0.19)
- AUTOMATIC DEMAND RESPONSE (SECTION 13.0.3)
- MULTIPLE LEVEL DAYLIGHT CONTROLS (SECTION 13.0.3)